

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009388.D
 Acq On : 14 Mar 2022 18:33
 Operator : CG/JU
 Sample : N1905-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	88	95	97	rBV	1564412	2536128	2.85%	0.140%
2	3.570	97	99	112	rVV2	1722662	3278900	3.68%	0.181%
3	3.722	116	125	134	rVV2	1717584	3647733	4.10%	0.202%
4	3.811	134	140	150	rVB2	1057557	2276874	2.56%	0.126%
5	3.905	150	156	164	rBV2	1209981	3417159	3.84%	0.189%
6	4.028	172	177	180	rBV2	1557262	2800239	3.15%	0.155%
7	4.064	180	183	190	rVB2	1384476	2556327	2.87%	0.141%
8	4.152	190	198	203	rBV2	704171	1757008	1.97%	0.097%
9	4.222	203	210	213	rVV2	4666065	9019825	10.14%	0.499%
10	4.258	213	216	223	rVV	5055676	9567542	10.75%	0.529%
11	4.352	223	232	242	rVB2	4335972	11978985	13.46%	0.662%
12	4.469	247	252	253	rBV2	1581568	2218409	2.49%	0.123%
13	4.505	253	258	266	rVB	6286863	12912926	14.51%	0.714%
14	4.587	266	272	278	rBV2	3161793	6542001	7.35%	0.362%
15	4.687	285	289	297	rVB2	2557185	5646613	6.35%	0.312%
16	4.793	297	307	318	rBV	8595441	19241205	21.62%	1.064%
17	4.887	318	323	328	rBV	5109944	11020123	12.38%	0.609%
18	4.946	329	333	337	rVB4	1663046	2468615	2.77%	0.136%
19	4.987	337	340	345	rVB	3562245	5409359	6.08%	0.299%
20	5.046	345	350	357	rBV	14289931	29810317	33.50%	1.648%
21	5.105	357	360	365	rVB2	2512802	3737798	4.20%	0.207%
22	5.164	365	370	373	rBV	1828561	2969762	3.34%	0.164%
23	5.205	373	377	382	rBV	4400716	7452942	8.38%	0.412%
24	5.281	382	390	399	rVB2	8960030	25183525	28.30%	1.392%
25	5.422	399	414	427	rBV3	3785251	15447958	17.36%	0.854%
26	5.540	427	434	443	rVB3	3844023	10144167	11.40%	0.561%
27	5.646	443	452	458	rBV3	5430241	12598540	14.16%	0.696%
28	5.722	458	465	472	rBV2	7706653	22159835	24.90%	1.225%
29	5.799	472	478	484	rBV2	9409317	17840941	20.05%	0.986%
30	5.864	484	489	496	rVB	7992592	17311520	19.46%	0.957%
31	5.934	496	501	511	rVB	5140054	10873148	12.22%	0.601%
32	6.028	511	517	523	rBV3	1735752	4102428	4.61%	0.227%
33	6.116	523	532	545	rBV4	14575179	47667672	53.57%	2.635%
34	6.240	545	553	562	rVB3	6102110	18035596	20.27%	0.997%
35	6.340	562	570	576	rBV4	15202430	40527083	45.55%	2.240%
36	6.411	576	582	587	rBV	14427081	29512666	33.17%	1.631%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009388.D
 Acq On : 14 Mar 2022 18:33
 Operator : CG/JU
 Sample : N1905-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.487	587	595	598	rBV2	14011260	34258763	38.50%	1.894%
38	6.599	610	614	619	rVB2	3392363	5799094	6.52%	0.321%
39	6.663	620	625	631	rVB4	5370146	10655806	11.98%	0.589%
40	6.740	631	638	645	rBV3	8243828	21366121	24.01%	1.181%

41	6.816	645	651	666	rVB3	8447917	23972290	26.94%	1.325%
42	6.940	666	672	673	rBV2	5315144	7542945	8.48%	0.417%
43	6.981	674	679	695	rVB4	15582448	44737418	50.28%	2.473%
44	7.116	698	702	705	rBV2	1968347	3456385	3.88%	0.191%
45	7.169	706	711	716	rBV3	4004576	7913474	8.89%	0.437%

46	7.222	716	720	724	rBV2	4723603	7315052	8.22%	0.404%
47	7.328	730	738	747	rBV4	8480824	32564550	36.60%	1.800%
48	7.405	747	751	762	rVB5	9804390	30138728	33.87%	1.666%
49	7.663	789	795	803	rBV7	4524526	14876249	16.72%	0.822%
50	7.746	803	809	810	rBV2	6121923	10054111	11.30%	0.556%

51	7.828	817	823	831	rVB2	15753121	39371810	44.25%	2.176%
52	7.916	832	838	844	rBV4	5827451	14813094	16.65%	0.819%
53	8.040	853	859	867	rVB6	6894901	15847971	17.81%	0.876%
54	8.134	867	875	882	rBV6	13405670	39625046	44.53%	2.190%
55	8.199	882	886	893	rVB3	6582301	13132703	14.76%	0.726%

56	8.293	897	902	905	rBV4	3970622	7687133	8.64%	0.425%
57	8.405	917	921	928	rVB2	9663672	19460038	21.87%	1.076%
58	8.481	929	934	939	rBV2	4859311	9261517	10.41%	0.512%
59	8.540	939	944	951	rVB4	3602298	7911637	8.89%	0.437%
60	8.675	961	967	972	rBV	9326906	18901782	21.24%	1.045%

61	8.834	989	994	1002	rBV4	2551733	7526096	8.46%	0.416%
62	8.952	1004	1014	1022	rBV4	21963151	71931824	80.84%	3.976%
63	9.199	1046	1056	1064	rVB7	12918720	46581959	52.35%	2.575%
64	9.316	1064	1076	1084	rBV8	6405744	30396632	34.16%	1.680%
65	9.569	1113	1119	1125	rVB5	11826945	26657581	29.96%	1.473%

66	9.740	1142	1148	1150	rBV3	5629647	11588374	13.02%	0.641%
67	9.781	1152	1155	1159	rVV2	10112004	19640590	22.07%	1.086%
68	9.834	1159	1164	1171	rVB7	15355889	35588967	40.00%	1.967%
69	10.052	1195	1201	1207	rBV3	14274830	30590403	34.38%	1.691%
70	10.246	1229	1234	1244	rVB6	7325679	20554886	23.10%	1.136%

71	10.352	1246	1252	1256	rBV	8298903	18468827	20.76%	1.021%
72	10.516	1276	1280	1283	rBV3	5890553	10581454	11.89%	0.585%
73	10.563	1284	1288	1292	rVV	7206290	13501328	15.17%	0.746%
74	10.628	1295	1299	1307	rVB6	10894955	28408987	31.93%	1.570%
75	10.840	1329	1335	1349	rVB3	12847721	39889574	44.83%	2.205%

76	11.157	1384	1389	1398	rVB4	8537170	17922917	20.14%	0.991%
----	--------	------	------	------	------	---------	----------	--------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009388.D
 Acq On : 14 Mar 2022 18:33
 Operator : CG/JU
 Sample : N1905-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.716	1476	1484	1501	rBV3	24013524	88980087	100.00%	4.918%
78	13.063	1707	1713	1717	rVB2	16808214	34717430	39.02%	1.919%
79	13.681	1809	1818	1824	rBV	21210200	64618817	72.62%	3.572%
80	13.887	1849	1853	1858	rVB	17561334	28734973	32.29%	1.588%
81	13.940	1859	1862	1866	rVB2	8531846	10551544	11.86%	0.583%
82	14.010	1867	1874	1877	rBV3	18194014	39850871	44.79%	2.203%
83	14.057	1879	1882	1886	rVB2	9376481	14392248	16.17%	0.796%
84	14.216	1905	1909	1916	rBV3	7907228	16523075	18.57%	0.913%
85	15.039	2044	2049	2057	rVB4	14551190	25775960	28.97%	1.425%
86	15.128	2059	2064	2068	rBV	13627882	25352005	28.49%	1.401%
87	15.545	2131	2135	2138	rBV2	9326172	13058655	14.68%	0.722%
88	15.781	2169	2175	2180	rVB3	19357888	41589715	46.74%	2.299%
89	16.275	2248	2259	2264	rVB2	21698892	62190492	69.89%	3.438%
90	17.092	2393	2398	2404	rVB	19415316	38636618	43.42%	2.136%

Sum of corrected areas: 1809138475

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

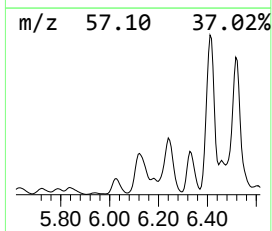
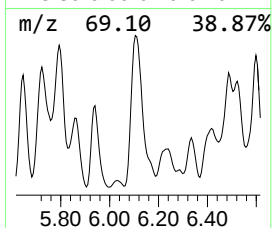
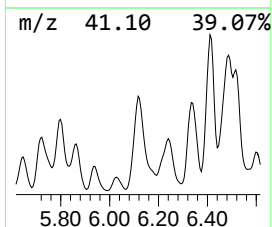
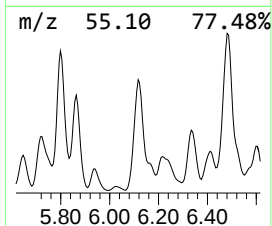
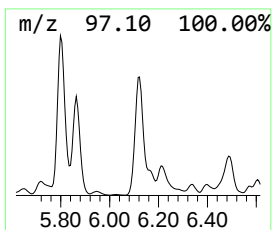
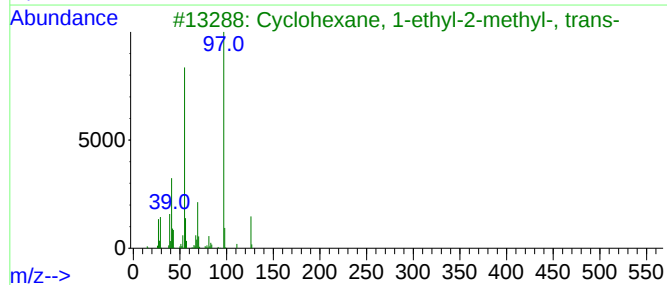
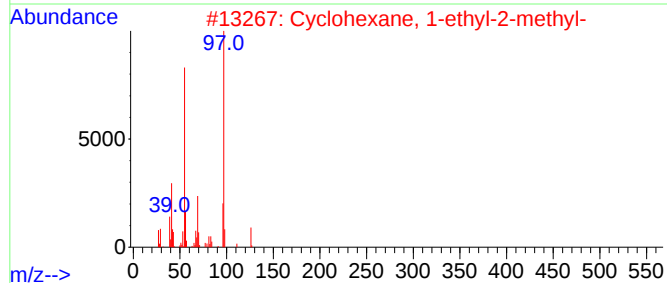
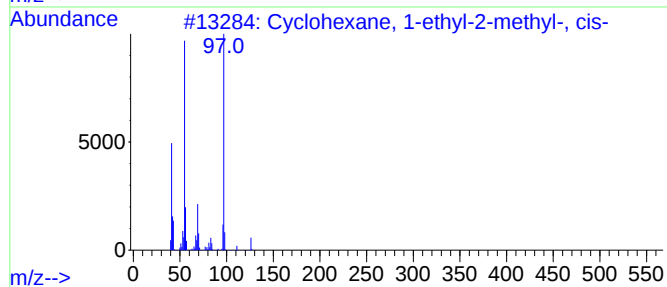
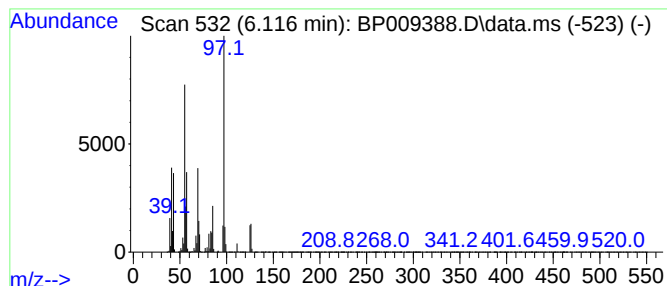
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.116	24.21 ng	47667700	1,4-Dichlorobenzene-d4	7.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	81
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

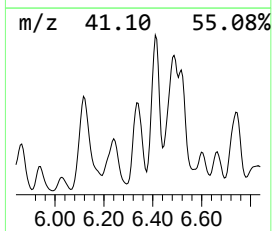
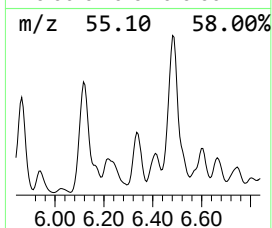
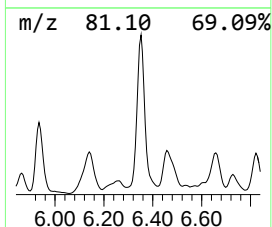
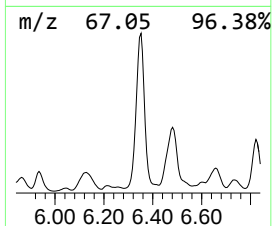
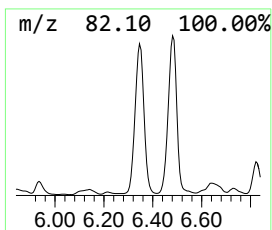
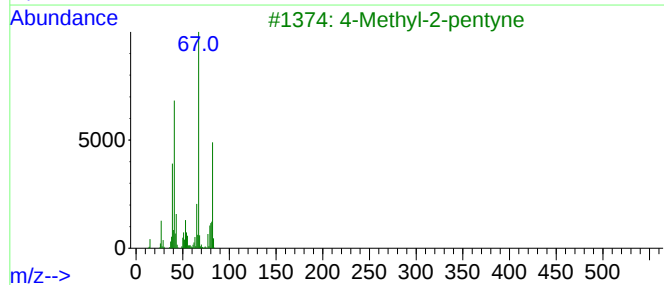
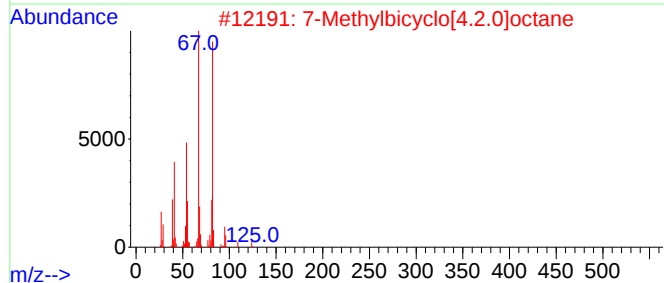
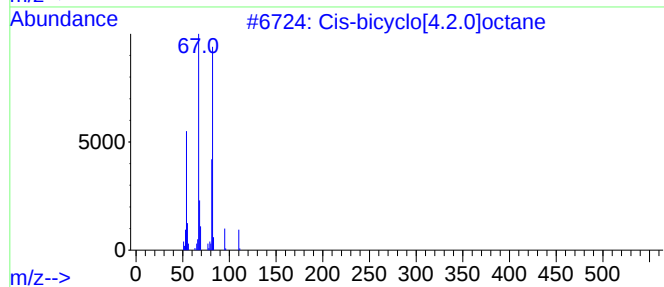
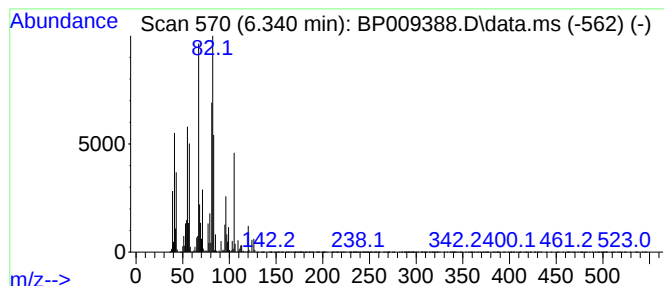
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cis-bicyclo[4.2.0]octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	20.59 ng	40527100	1,4-Dichlorobenzene-d4	7.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	52
2			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	52
3			4-Methyl-2-pentyne	82	C6H10	021020-27-9	49
4			C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	46
5			3-Aminocrotononitrile	82	C4H6N2	001118-61-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

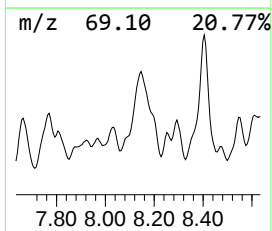
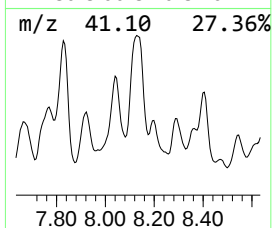
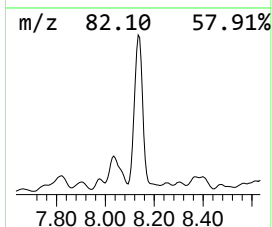
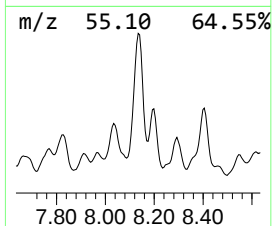
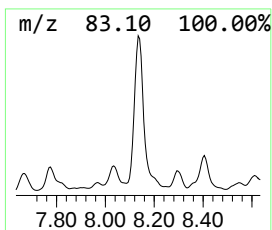
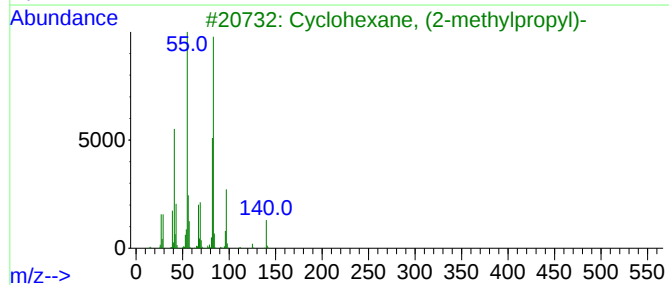
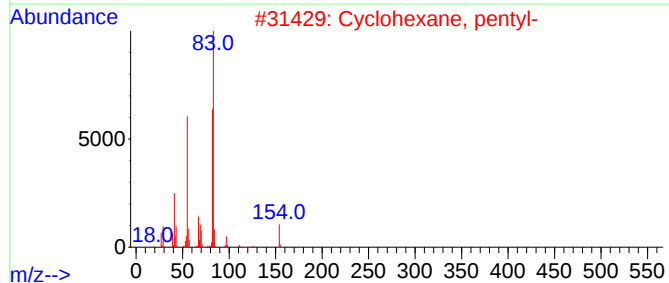
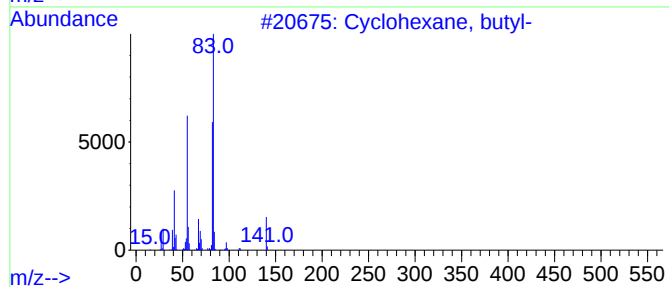
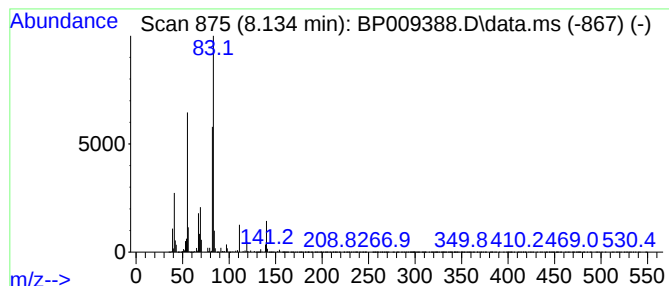
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	20.13 ng	39625000	1,4-Dichlorobenzene-d4	7.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

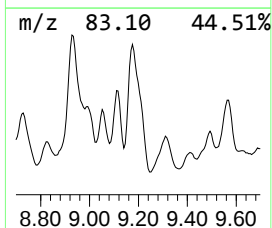
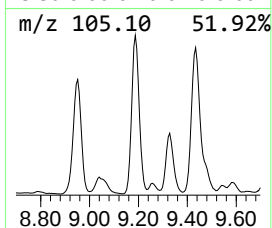
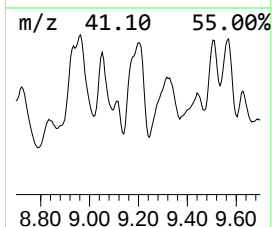
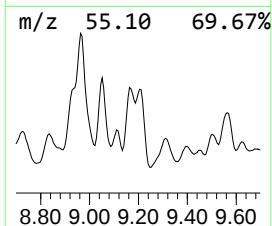
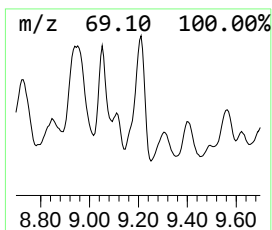
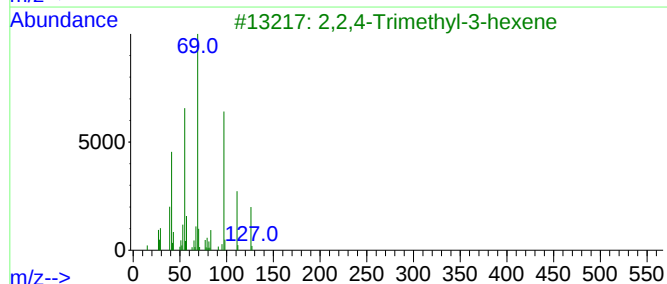
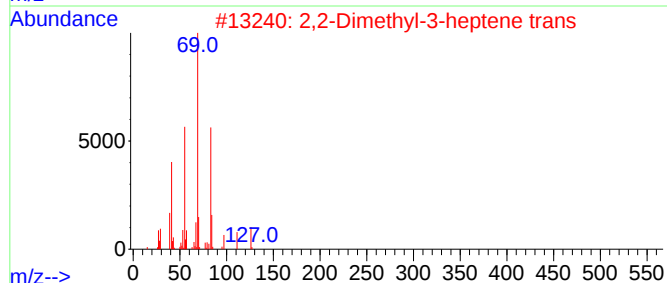
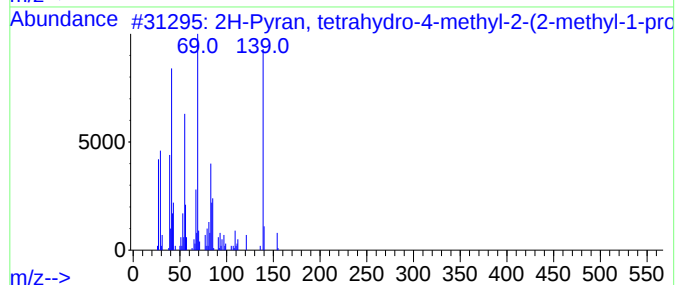
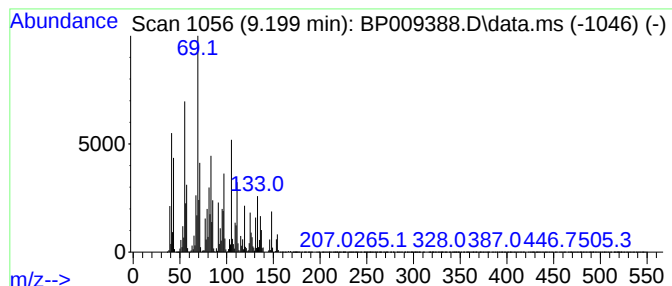
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.199 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.199	23.66 ng	46582000	1,4-Dichlorobenzene-d4	7.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	43		
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35		
3	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	30		
4	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	27		
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

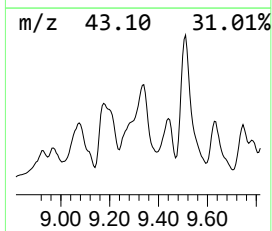
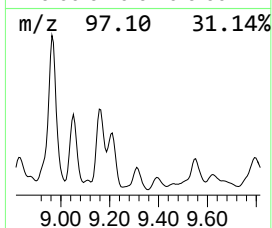
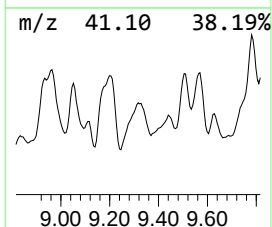
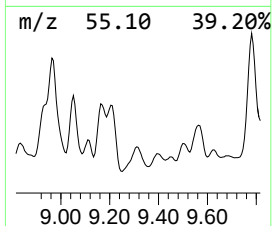
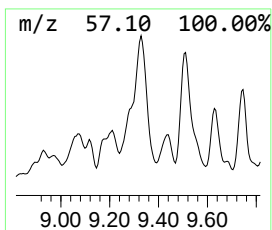
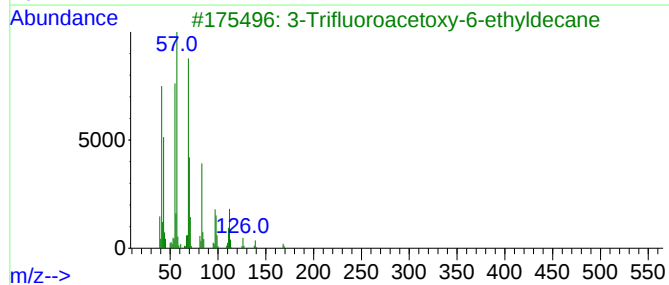
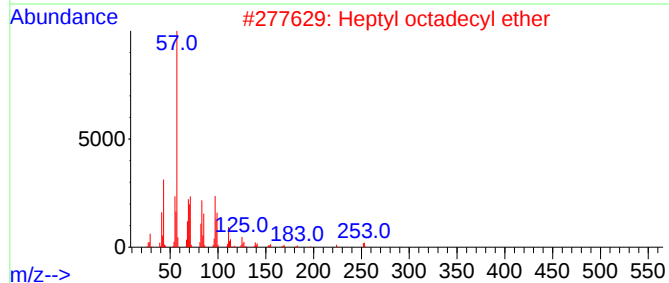
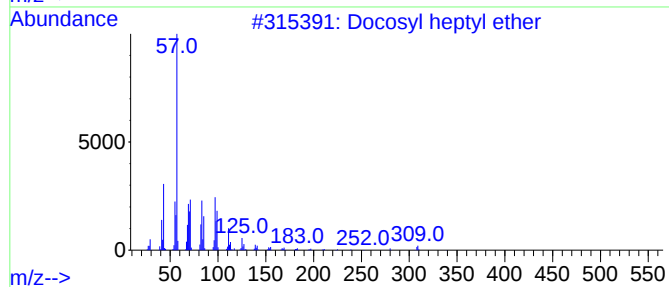
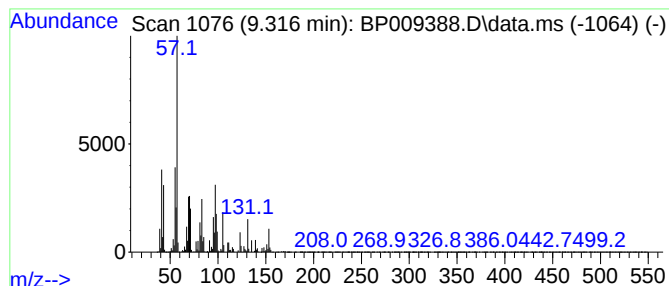
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.316 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	21.40 ng	30396600	Naphthalene-d8	10.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosyl heptyl ether	424	C29H60O	1000406-39-7	47
2			Heptyl octadecyl ether	368	C25H52O	1000406-39-5	37
3			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	25
4			Docosyl octyl ether	438	C30H62O	1000406-38-9	14
5			Eicosyl heptyl ether	396	C27H56O	1000406-39-6	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

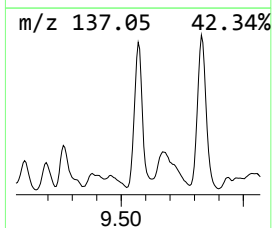
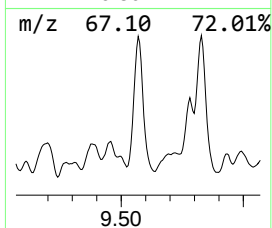
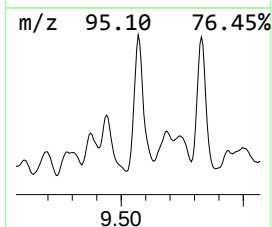
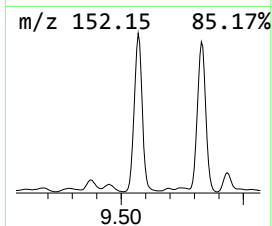
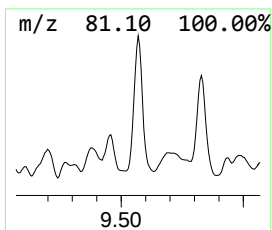
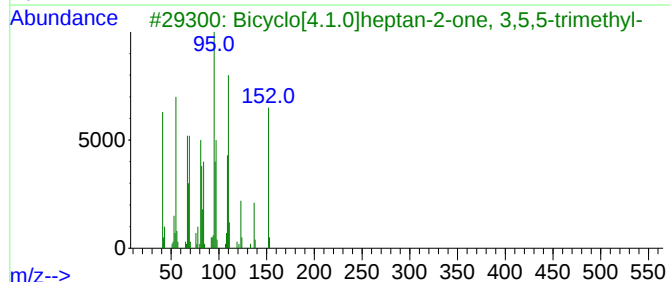
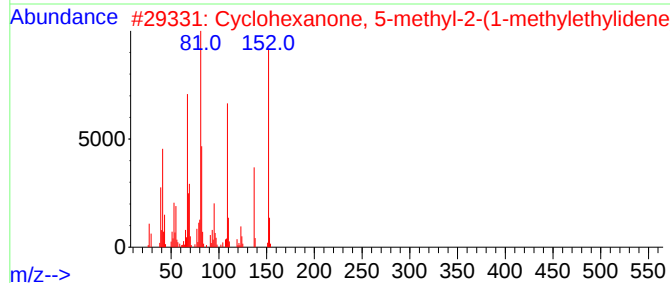
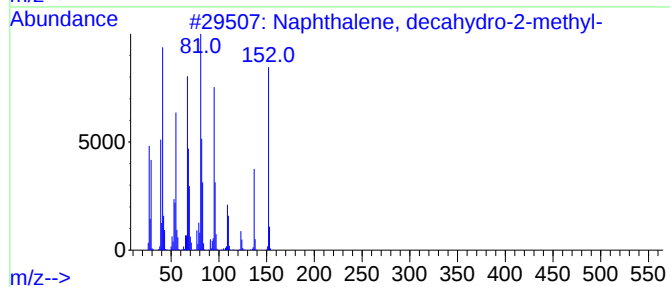
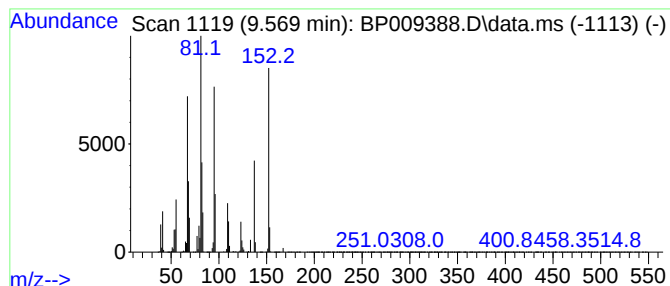
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	18.77 ng	26657600	Naphthalene-d8	10.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
3		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	70
4		Pulegone	152	C10H16O	000089-82-7	70
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

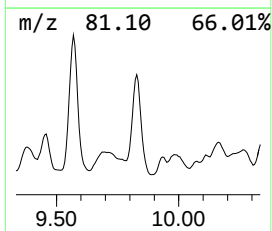
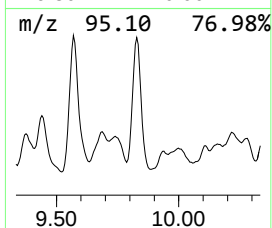
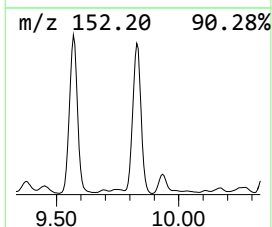
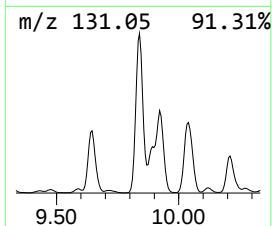
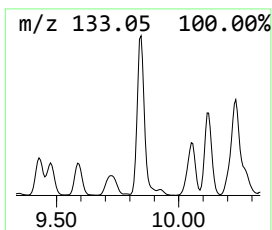
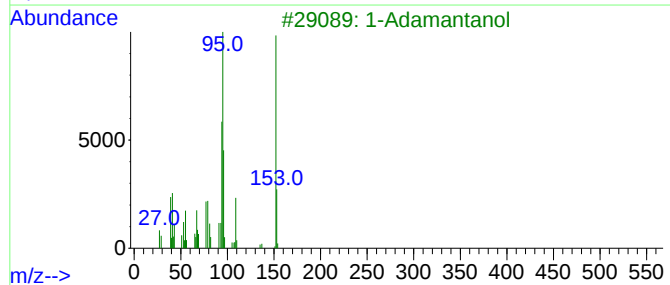
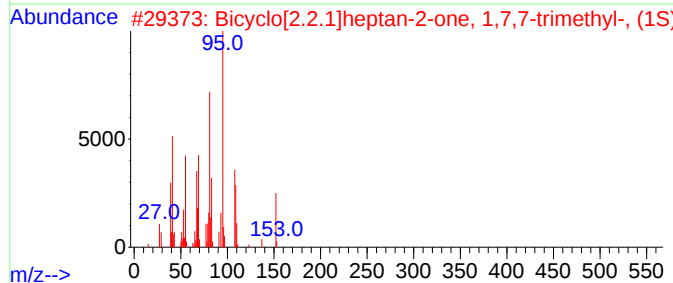
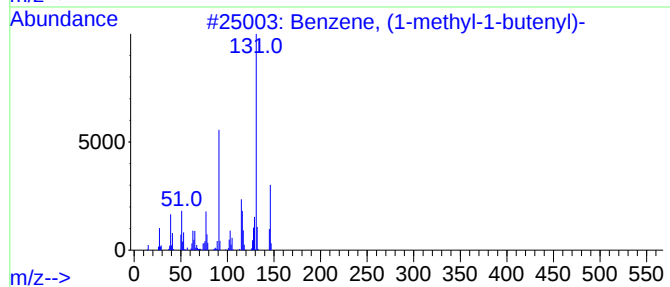
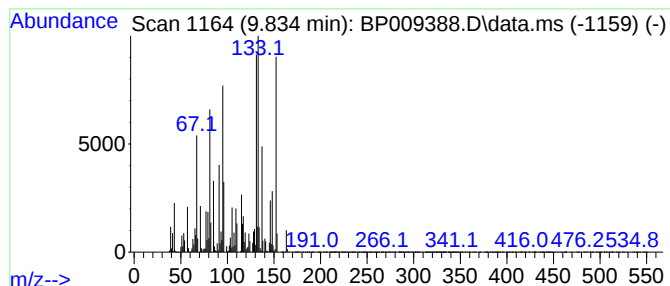
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.834 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	25.05 ng	35589000	Naphthalene-d8	10.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	44
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	42
3			1-Adamantanol	152	C10H16O	000768-95-6	42
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	42
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

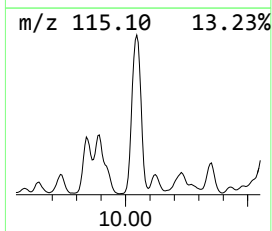
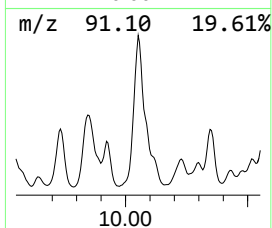
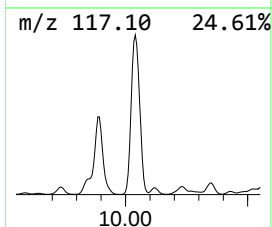
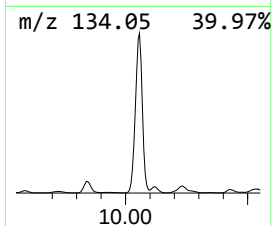
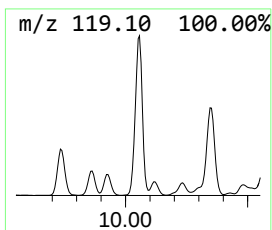
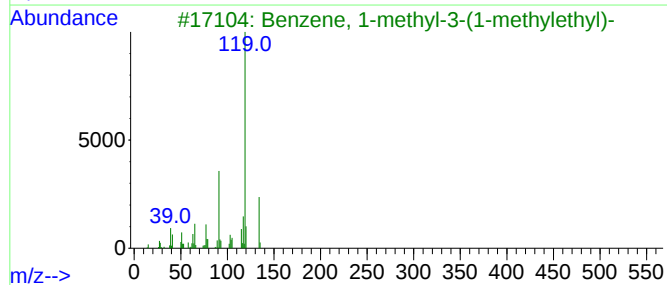
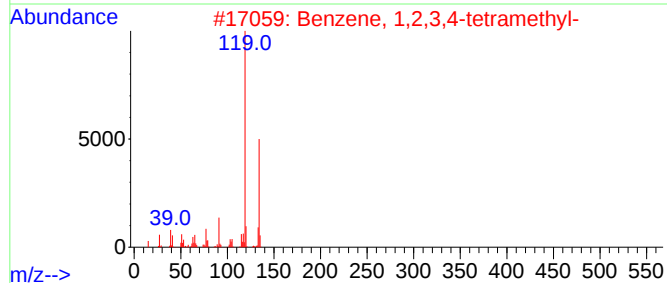
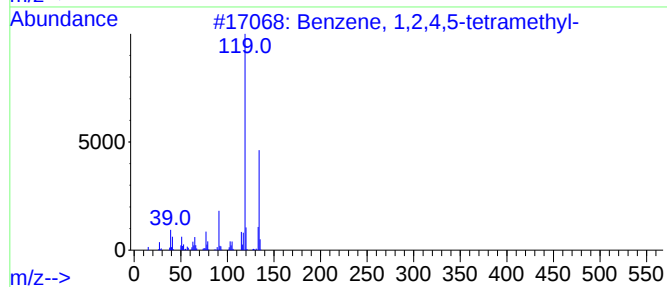
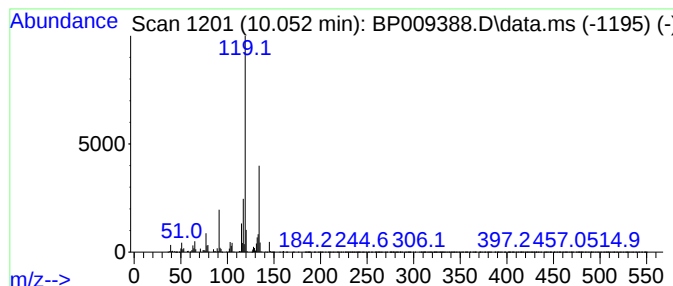
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.052	21.54 ng	30590400	Naphthalene-d8	10.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

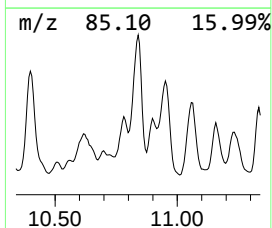
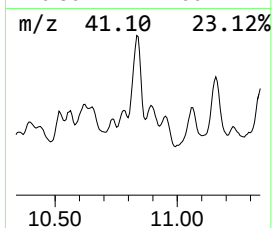
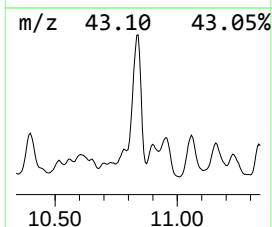
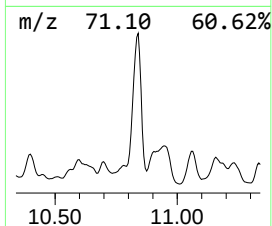
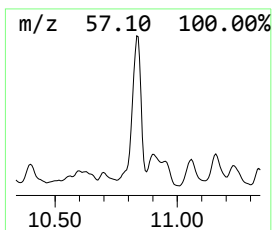
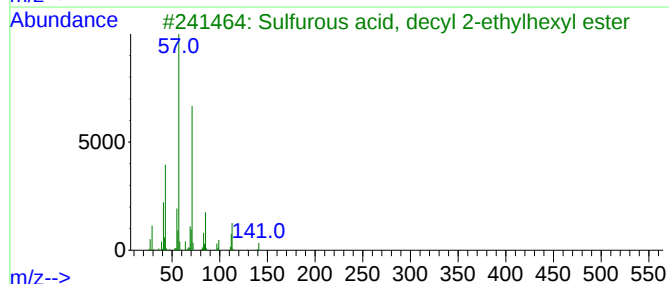
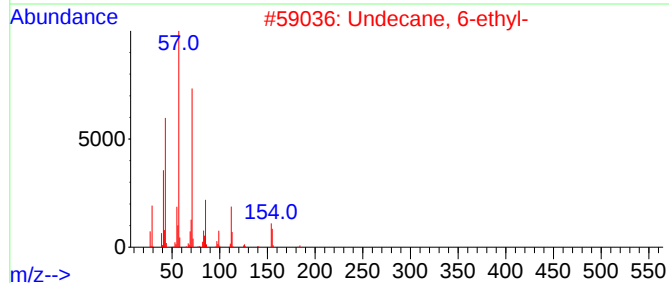
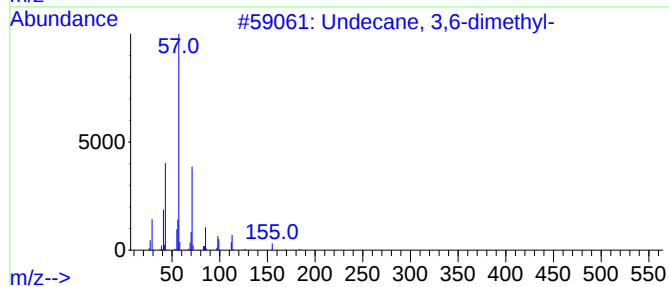
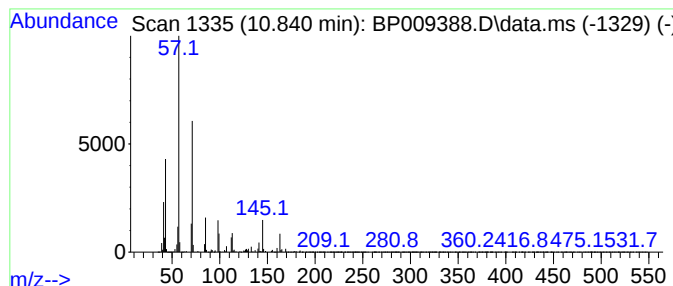
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.840	28.08 ng	39889600	Naphthalene-d8	10.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	62
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
4			Tetradecane	198	C14H30	000629-59-4	50
5			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

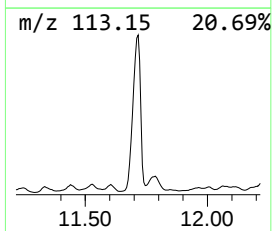
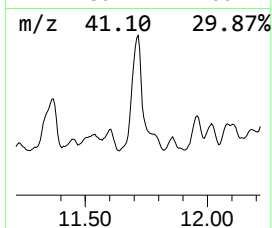
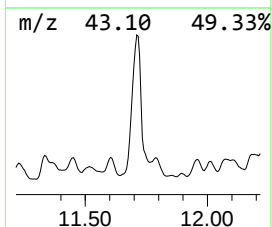
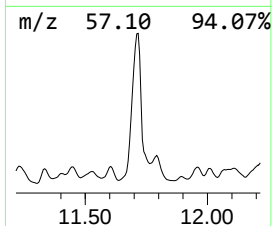
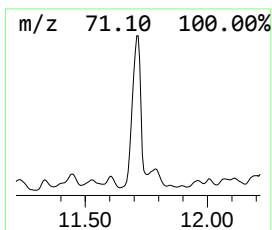
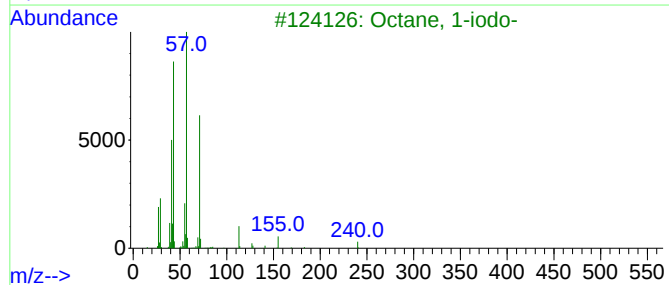
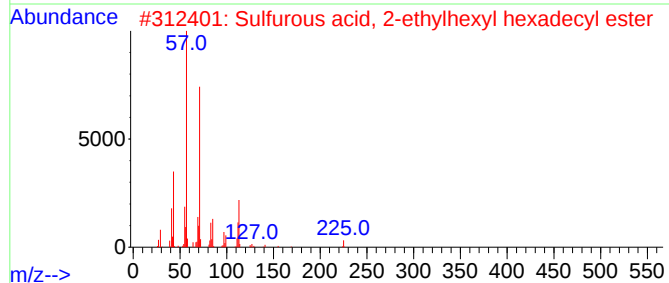
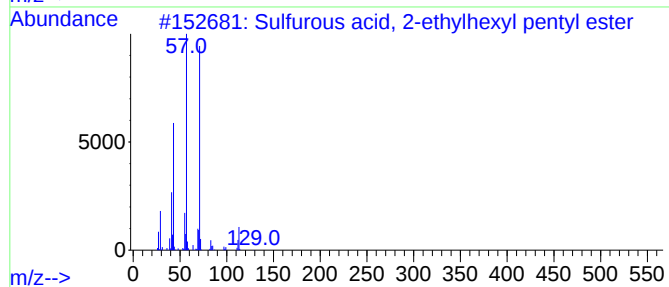
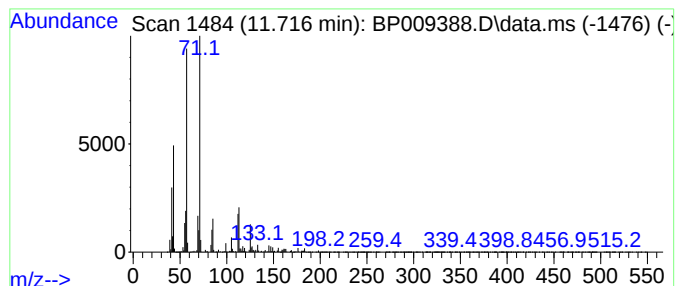
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	62.64 ng	88980100	Naphthalene-d8	10.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
3			Octane, 1-iodo-	240	C8H17I	000629-27-6	50
4			Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	47
5			Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

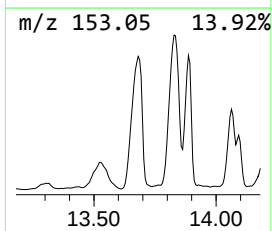
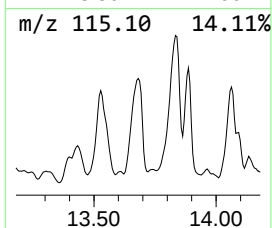
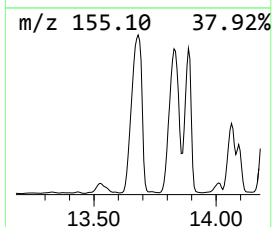
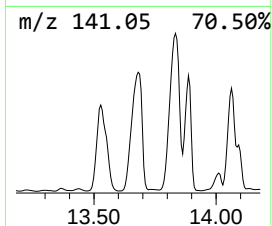
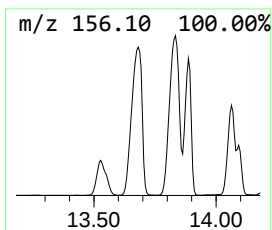
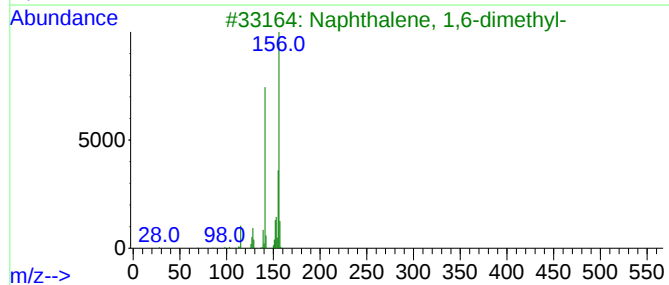
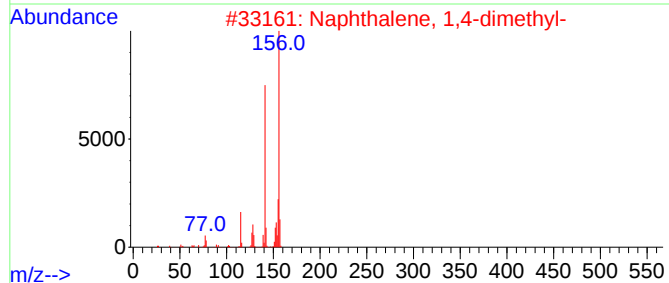
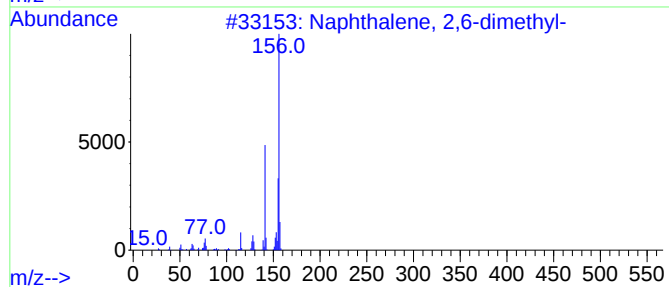
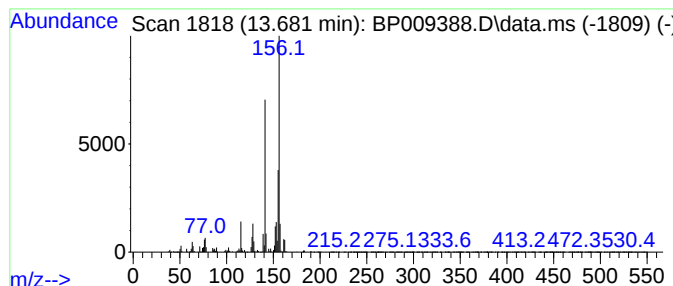
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.681	78.22 ng	64618800	Acenaphthene-d10	14.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

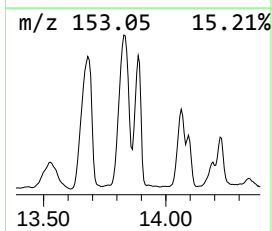
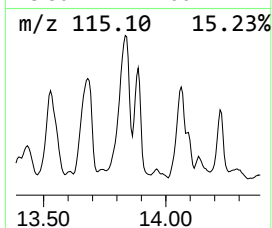
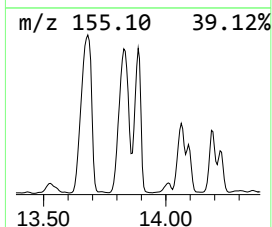
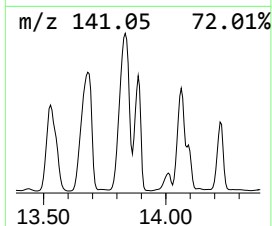
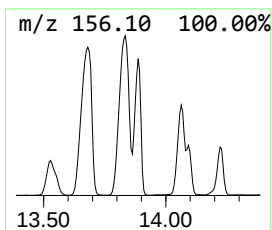
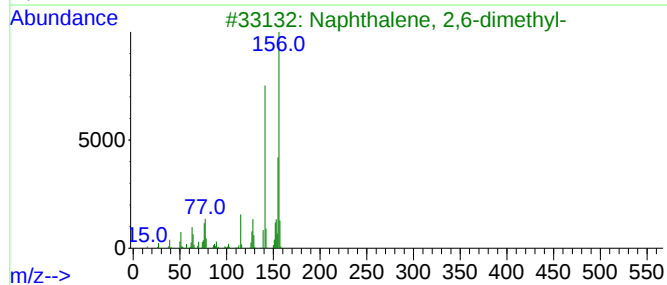
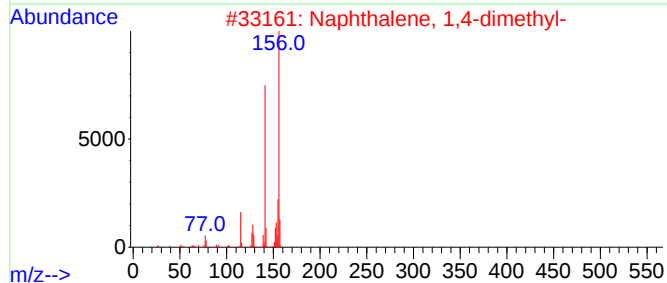
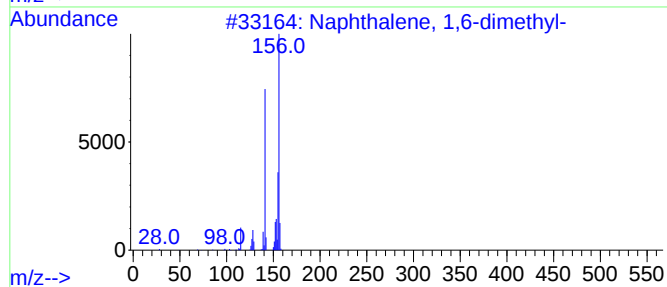
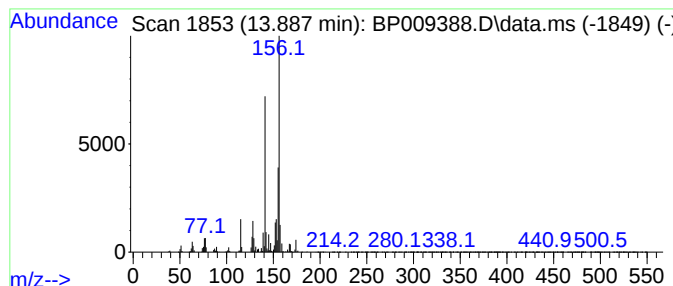
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.887	34.78 ng	28735000	Acenaphthene-d10	14.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

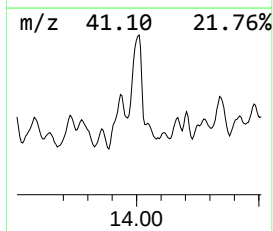
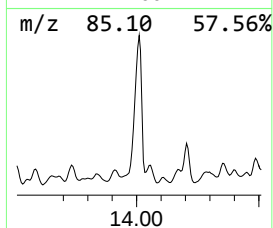
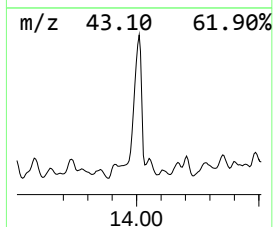
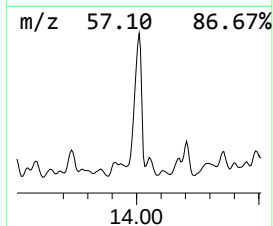
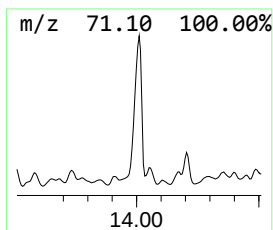
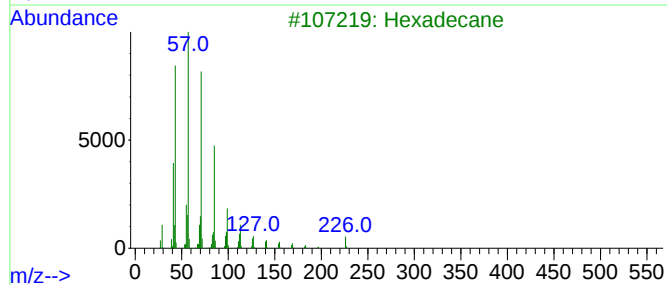
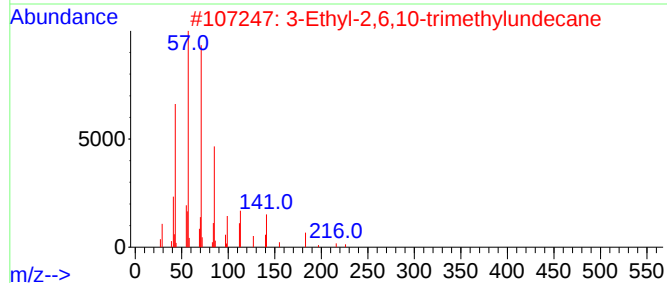
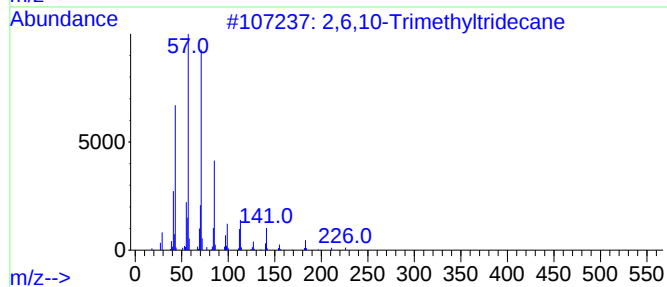
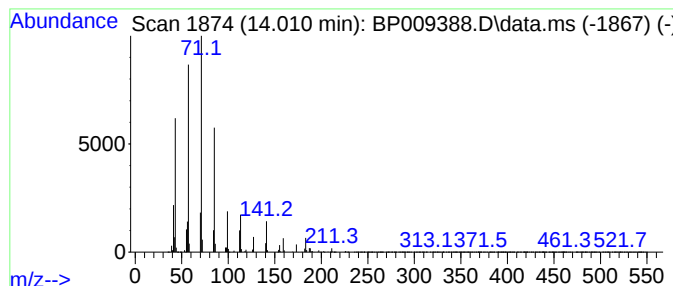
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2,6,10-Trimethyltridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	48.24 ng	39850900	Acenaphthene-d10	14.493

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
2		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

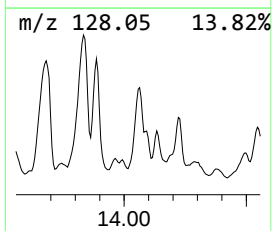
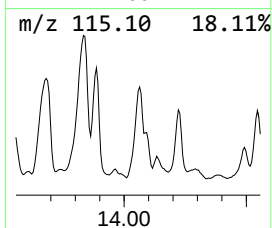
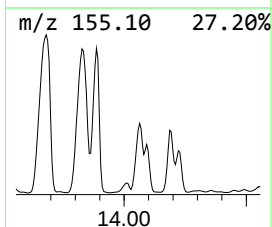
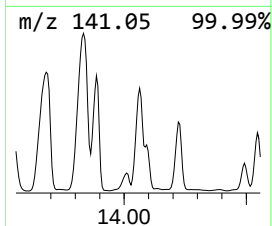
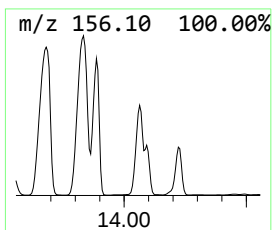
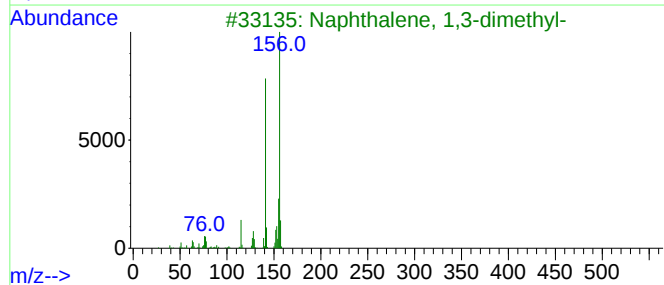
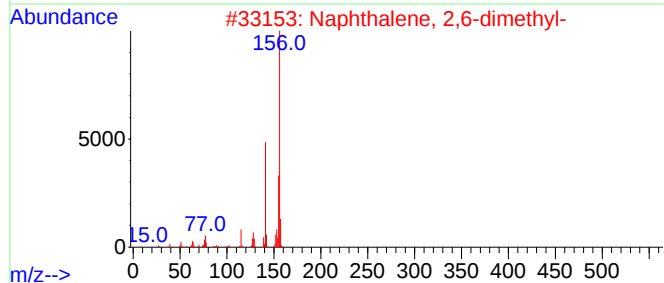
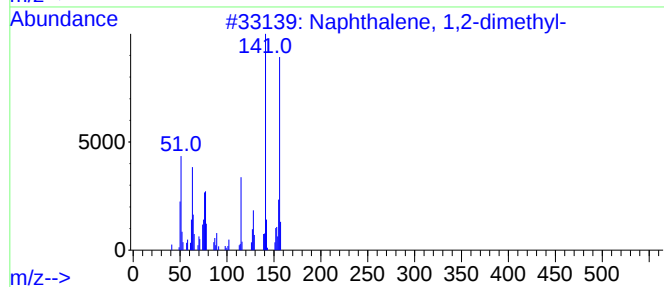
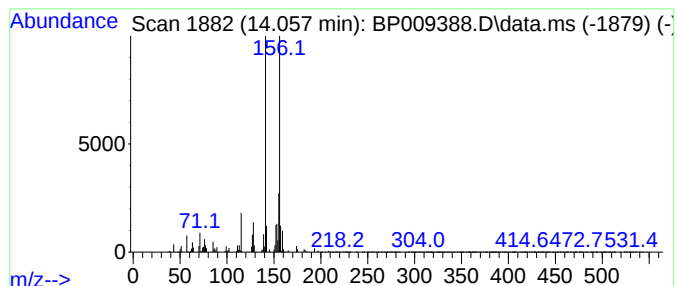
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	17.42 ng	14392200	Acenaphthene-d10	14.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

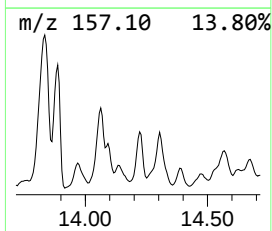
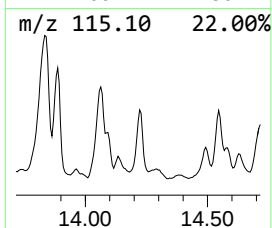
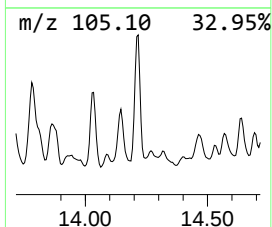
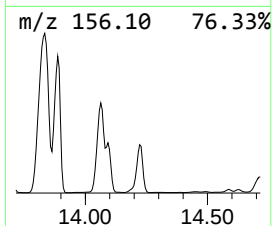
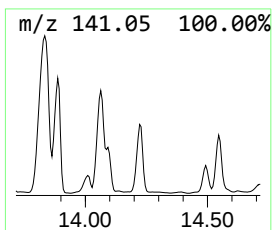
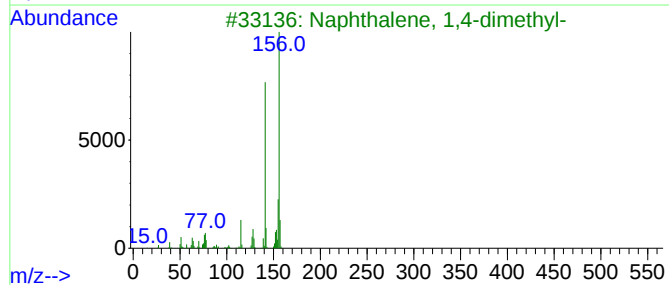
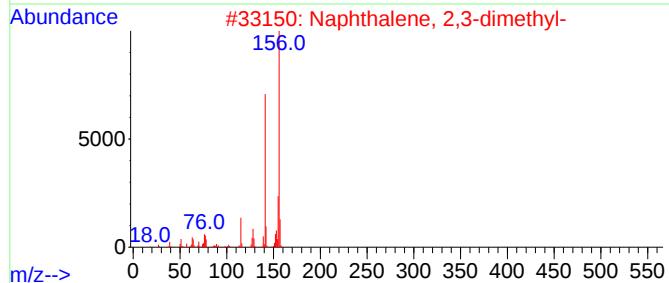
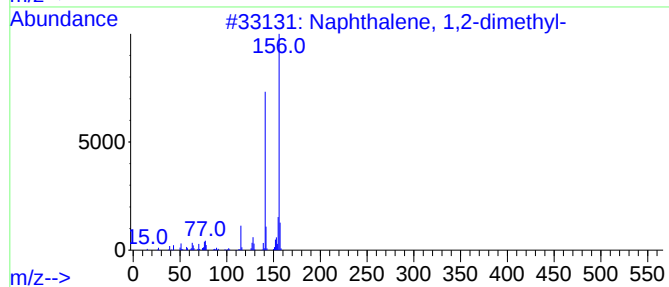
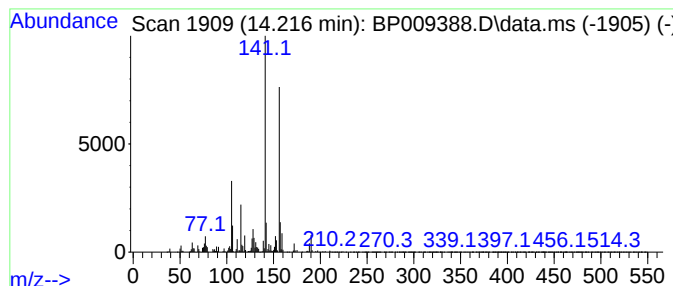
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	20.00 ng	16523100	Acenaphthene-d10	14.493

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

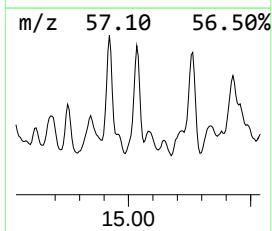
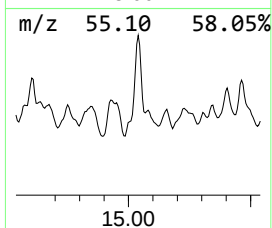
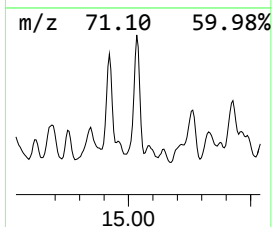
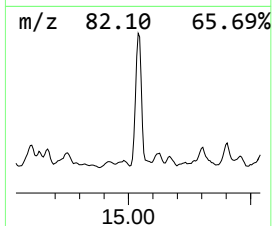
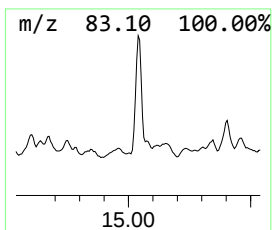
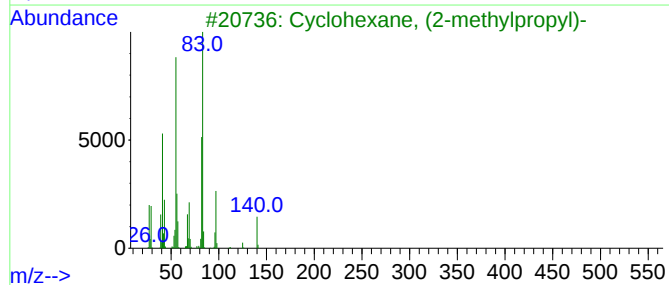
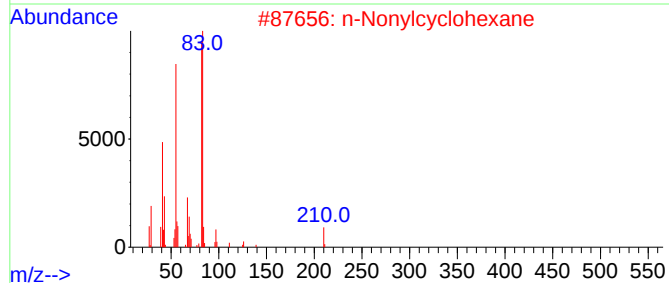
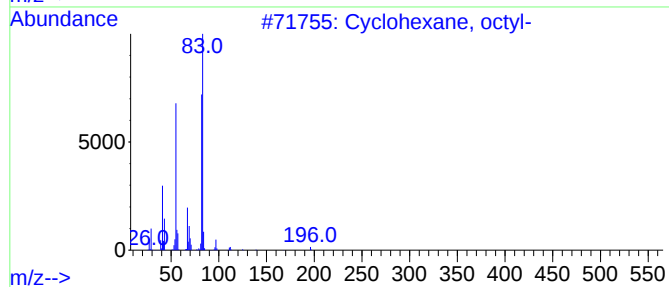
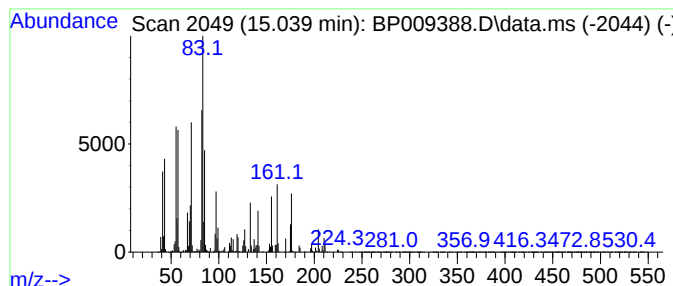
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown15.040 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.040	31.20 ng	25776000	Acenaphthene-d10	14.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	42
2			n-Nonylcyclohexane	210	C15H30	002883-02-5	38
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30
4			Heptylcyclohexane	182	C13H26	005617-41-4	27
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

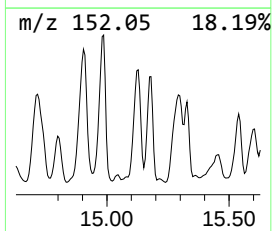
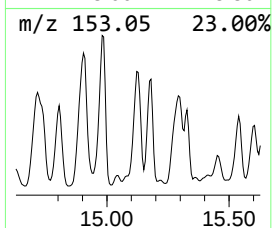
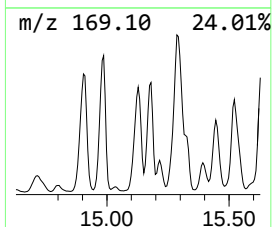
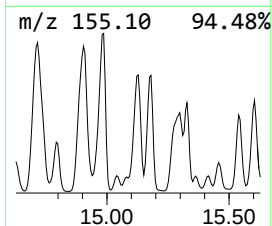
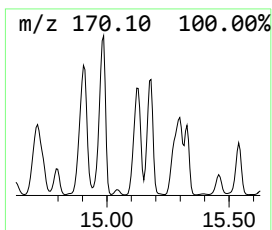
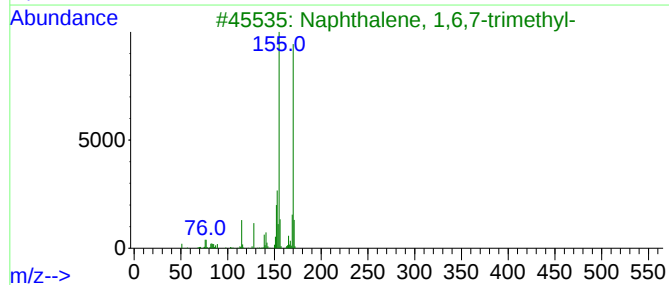
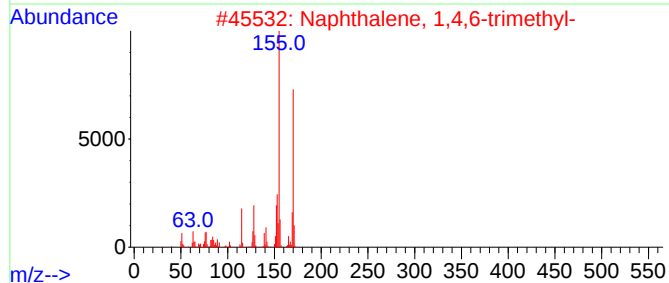
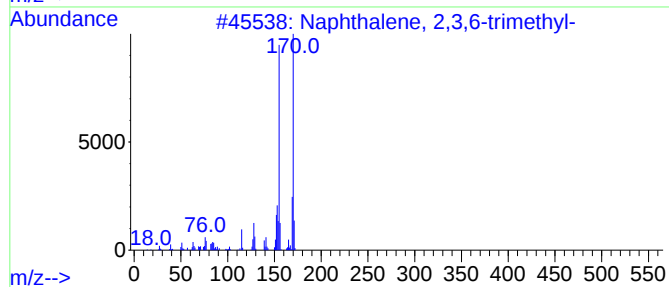
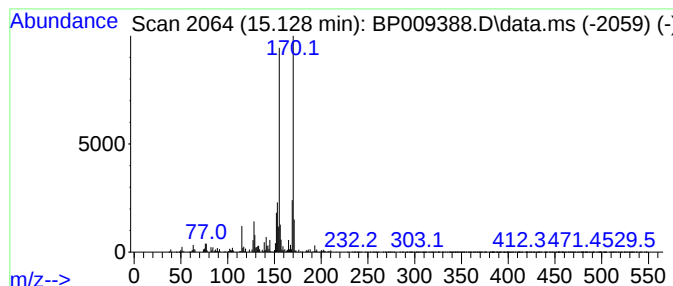
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.128	30.69 ng	25352000	Acenaphthene-d10	14.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

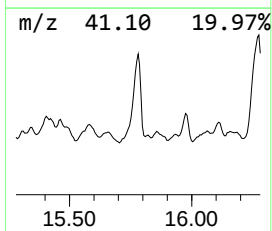
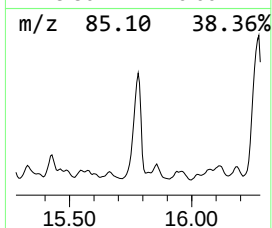
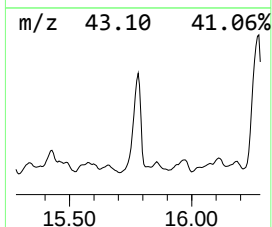
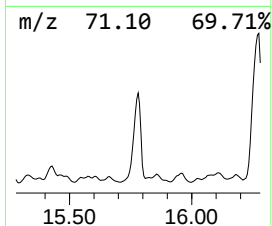
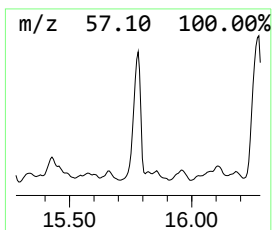
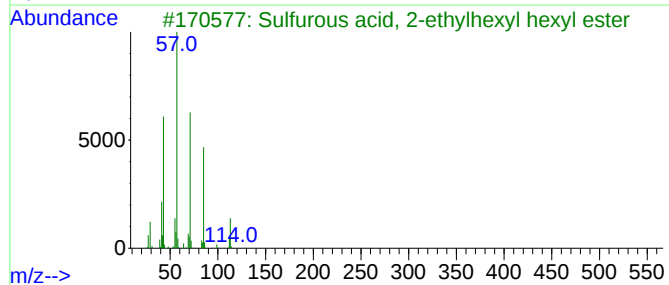
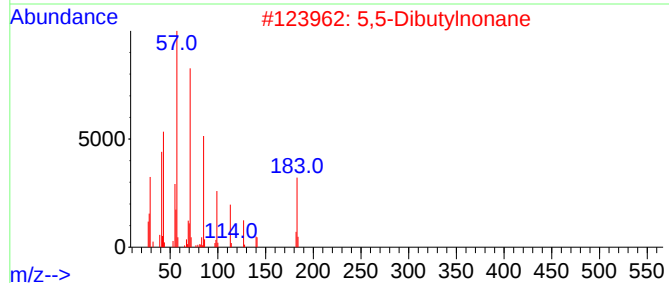
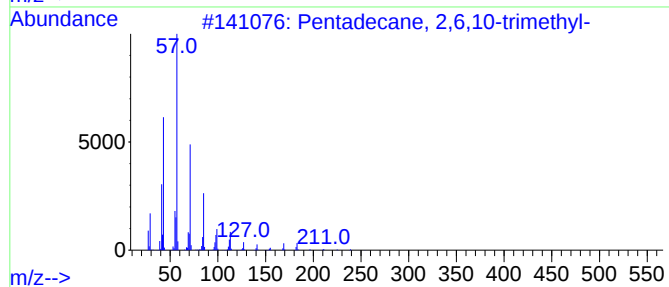
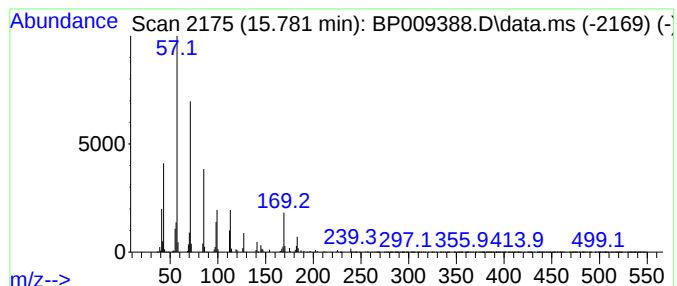
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.781	50.34 ng	41589700	Acenaphthene-d10	14.493

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	76
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	64
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	53
5		Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

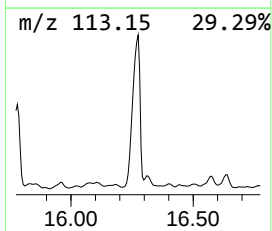
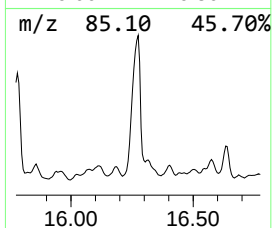
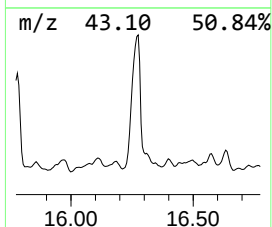
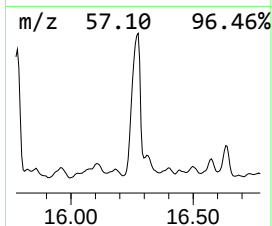
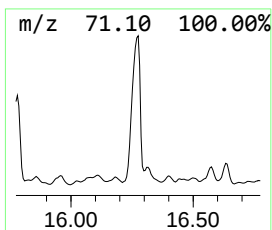
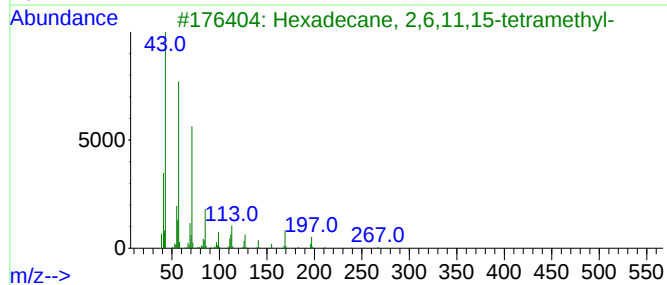
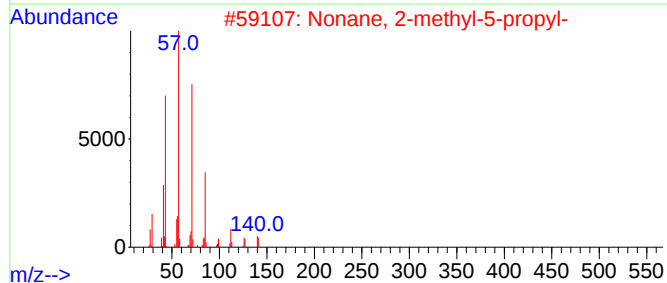
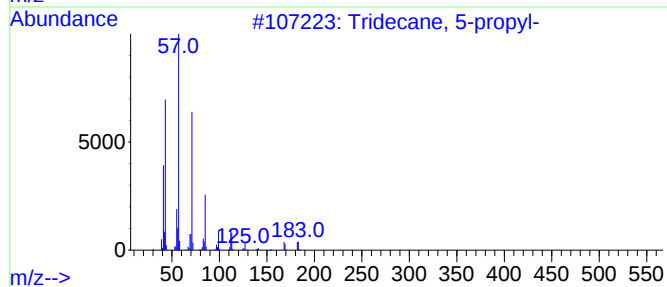
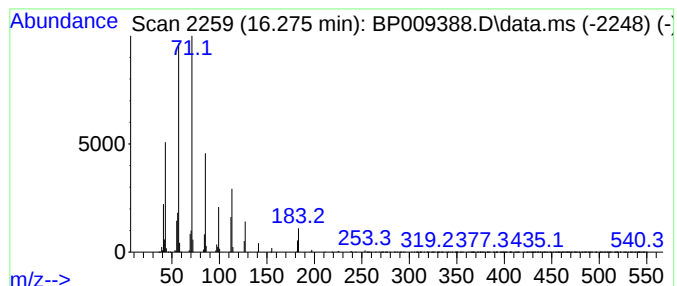
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	32.19 ng	62190500	Phenanthrene-d10	17.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	58
5			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009388.D
Acq On : 14 Mar 2022 18:33
Operator : CG/JU
Sample : N1905-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

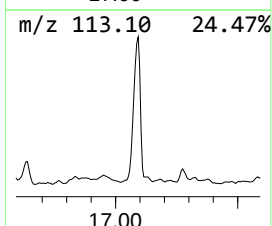
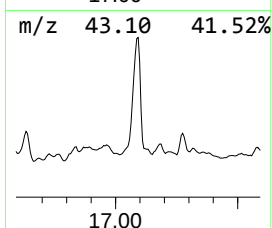
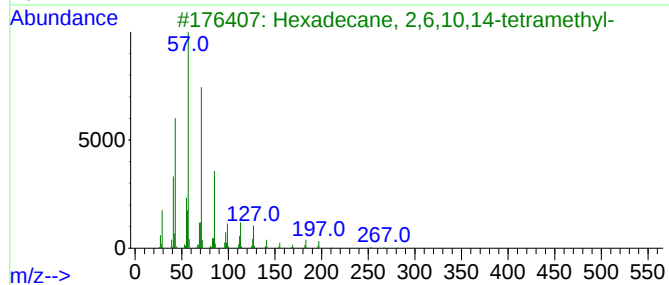
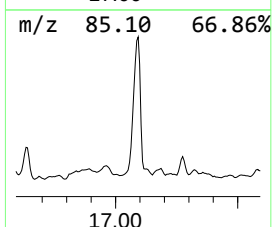
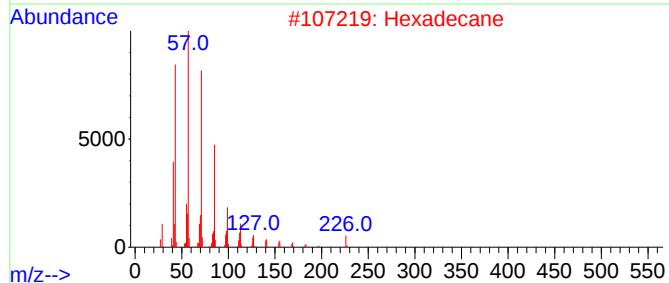
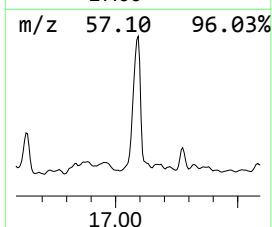
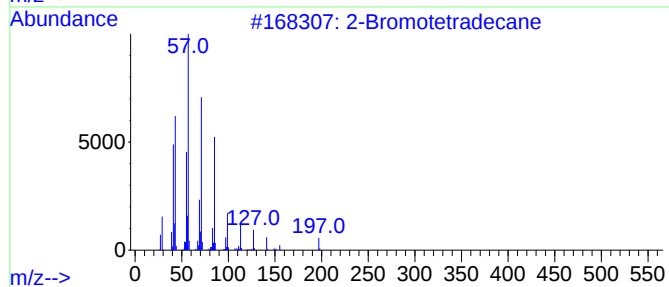
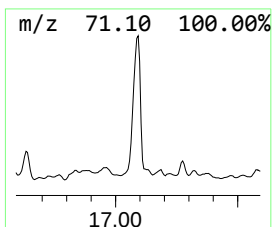
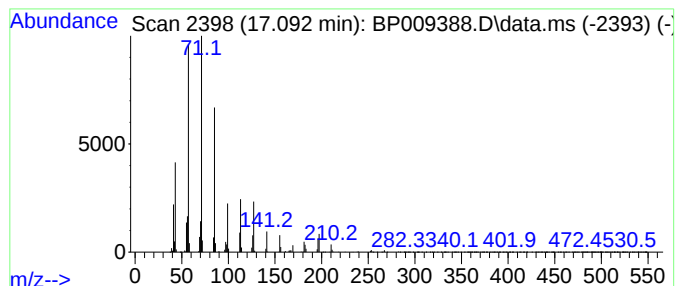
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-Bromotetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	20.00 ng	38636600	Phenanthrene-d10	17.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromotetradecane	276	C14H29Br	074036-95-6	72
2		Hexadecane	226	C16H34	000544-76-3	59
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4		Decane, 3-methyl-	156	C11H24	013151-34-3	46
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009388.D
 Acq On : 14 Mar 2022 18:33
 Operator : CG/JU
 Sample : N1905-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-...	6.116	24.2	ng	47667700	1	7.828	39371800	20.0
Cis-bicyclo[4.2...	6.340	20.6	ng	40527100	1	7.828	39371800	20.0
Cyclohexane, bu...	8.134	20.1	ng	39625000	1	7.828	39371800	20.0
unknown9.199	9.199	23.7	ng	46582000	1	7.828	39371800	20.0
unknown9.316	9.316	21.4	ng	30396600	2	10.634	28409000	20.0
Naphthalene, de...	9.569	18.8	ng	26657600	2	10.634	28409000	20.0
unknown9.834	9.834	25.1	ng	35589000	2	10.634	28409000	20.0
Benzene, 1,2,4,...	10.052	21.5	ng	30590400	2	10.634	28409000	20.0
Undecane, 3,6-d...	10.840	28.1	ng	39889600	2	10.634	28409000	20.0
Sulfurous acid,...	11.716	62.6	ng	88980100	2	10.634	28409000	20.0
Naphthalene, 2,...	13.681	78.2	ng	64618800	3	14.493	16523100	20.0
Naphthalene, 1,...	13.887	34.8	ng	28735000	3	14.493	16523100	20.0
2,6,10-Trimethy...	14.010	48.2	ng	39850900	3	14.493	16523100	20.0
Naphthalene, 1,...	14.057	17.4	ng	14392200	3	14.493	16523100	20.0
Naphthalene, 2,...	14.216	20.0	ng	16523100	3	14.493	16523100	20.0
unknown15.040	15.040	31.2	ng	25776000	3	14.493	16523100	20.0
Naphthalene, 2,...	15.128	30.7	ng	25352000	3	14.493	16523100	20.0
Pentadecane, 2,...	15.781	50.3	ng	41589700	3	14.493	16523100	20.0
Tridecane, 5-pr...	16.275	32.2	ng	62190500	4	17.251	38636600	20.0
2-Bromotetradecane	17.092	20.0	ng	38636600	4	17.251	38636600	20.0