

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009497.D
 Acq On : 22 Mar 2022 20:19
 Operator : CG/JU
 Sample : N2057-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

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-BP031722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009497.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.017	340	345	352	rBV	395191	684299	4.68%	0.311%
2	5.258	377	386	394	rVB4	166422	441832	3.02%	0.201%
3	5.399	401	410	423	rBV	999102	1862252	12.73%	0.847%
4	5.693	453	460	467	rVV2	221992	524331	3.59%	0.238%
5	5.764	467	472	478	rVV3	274262	587887	4.02%	0.267%
6	5.834	479	484	490	rVV	160125	316733	2.17%	0.144%
7	6.087	518	527	534	rBV5	362718	940930	6.43%	0.428%
8	6.205	539	547	554	rVB3	165083	396787	2.71%	0.180%
9	6.305	557	564	570	rBV4	333420	798773	5.46%	0.363%
10	6.369	570	575	579	rBV	626319	996302	6.81%	0.453%
11	6.440	579	587	592	rBV4	449270	1032692	7.06%	0.470%
12	6.622	613	618	625	rVB4	187936	374753	2.56%	0.170%
13	6.705	625	632	638	rVB3	165929	414003	2.83%	0.188%
14	6.799	638	648	660	rVB5	255202	697945	4.77%	0.317%
15	6.940	667	672	676	rVV	895097	1654821	11.32%	0.752%
16	6.987	676	680	690	rVB	692752	1373820	9.39%	0.625%
17	7.128	700	704	709	rVB3	172086	317017	2.17%	0.144%
18	7.187	709	714	717	rBV2	244277	391403	2.68%	0.178%
19	7.258	722	726	728	rVV3	248058	420124	2.87%	0.191%
20	7.293	728	732	740	rVV4	374967	1017930	6.96%	0.463%
21	7.363	740	744	756	rVB4	320763	1034335	7.07%	0.470%
22	7.522	756	771	777	rBV7	260110	1116975	7.64%	0.508%
23	7.622	782	788	796	rBV7	229339	599298	4.10%	0.272%
24	7.705	796	802	803	rBV	324479	513127	3.51%	0.233%
25	7.793	810	817	824	rVB2	1823548	3573105	24.43%	1.625%
26	7.869	824	830	836	rVB2	257750	504454	3.45%	0.229%
27	7.993	844	851	855	rVV4	436152	932123	6.37%	0.424%
28	8.087	859	867	874	rVV3	669674	2098715	14.35%	0.954%
29	8.152	874	878	884	rVB3	262971	471944	3.23%	0.215%
30	8.246	890	894	899	rBV4	155360	267339	1.83%	0.122%
31	8.310	899	905	908	rVV4	128810	303161	2.07%	0.138%
32	8.357	908	913	920	rVB	927239	1680256	11.49%	0.764%
33	8.434	921	926	931	rBV3	168442	312439	2.14%	0.142%
34	8.563	944	948	952	rBV5	159804	323003	2.21%	0.147%
35	8.622	954	958	963	rBV	361060	573196	3.92%	0.261%
36	8.781	977	985	995	rBV10	188206	713745	4.88%	0.325%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.899	995	1005	1010	rBV5	927869	2729816	18.67%	1.241%
38	8.952	1010	1014	1018	rVV	252505	433901	2.97%	0.197%
39	9.146	1037	1047	1054	rVB7	655010	2245911	15.36%	1.021%
40	9.263	1054	1067	1075	rBV8	397106	1948808	13.33%	0.886%
41	9.446	1091	1098	1103	rVB3	390783	904777	6.19%	0.411%
42	9.510	1104	1109	1115	rVB4	633611	1120776	7.66%	0.510%
43	9.687	1135	1139	1141	rVV3	250199	432658	2.96%	0.197%
44	9.722	1141	1145	1149	rVV2	532670	920928	6.30%	0.419%
45	9.775	1149	1154	1163	rVB6	938277	2030779	13.89%	0.923%
46	9.875	1168	1171	1175	rVB3	267461	361924	2.47%	0.165%
47	9.993	1186	1191	1195	rBV	337480	551042	3.77%	0.251%
48	10.057	1196	1202	1207	rVB4	450011	856218	5.85%	0.389%
49	10.187	1220	1224	1235	rVB8	449456	1129253	7.72%	0.513%
50	10.299	1237	1243	1247	rBV	501534	1026034	7.02%	0.467%
51	10.381	1253	1257	1261	rVB4	210162	331393	2.27%	0.151%
52	10.463	1266	1271	1274	rBV3	368811	614256	4.20%	0.279%
53	10.587	1282	1292	1298	rBV2	2265983	5496570	37.59%	2.499%
54	10.646	1298	1302	1308	rVV5	503275	1355625	9.27%	0.616%
55	10.710	1309	1313	1318	rVV2	834727	1625888	11.12%	0.739%
56	10.769	1318	1323	1327	rVV	1170295	1960159	13.40%	0.891%
57	10.816	1327	1331	1339	rVV6	506938	1298942	8.88%	0.591%
58	10.893	1340	1344	1351	rVB5	457313	878623	6.01%	0.399%
59	11.004	1359	1363	1372	rVV7	311342	691932	4.73%	0.315%
60	11.093	1373	1378	1387	rVB	1290749	2239237	15.31%	1.018%
61	11.293	1403	1412	1419	rVB6	871608	3144504	21.50%	1.430%
62	11.375	1420	1426	1431	rBV4	416443	989595	6.77%	0.450%
63	11.640	1465	1471	1478	rBV3	2484166	5636300	38.54%	2.563%
64	11.787	1493	1496	1500	rBV	442789	552034	3.77%	0.251%
65	11.887	1505	1513	1518	rBV3	1313344	2858223	19.54%	1.300%
66	12.016	1531	1535	1538	rBV2	451226	814654	5.57%	0.370%
67	12.334	1584	1589	1596	rBV7	604368	1777611	12.16%	0.808%
68	12.398	1597	1600	1602	rBV3	308364	418750	2.86%	0.190%
69	12.987	1689	1700	1705	rBV3	3495830	7523574	51.45%	3.421%
70	13.057	1708	1712	1717	rVB	1264981	2056612	14.06%	0.935%
71	13.257	1741	1746	1750	rBV3	1261697	2033198	13.90%	0.924%
72	13.298	1751	1753	1757	rVV2	494704	626396	4.28%	0.285%
73	13.369	1761	1765	1773	rVV3	1109568	1939103	13.26%	0.882%
74	13.493	1783	1786	1797	rVB5	1058074	2544296	17.40%	1.157%
75	13.604	1799	1805	1813	rBV2	1385121	4171258	28.52%	1.897%
76	13.763	1827	1832	1837	rBV	1950079	3318373	22.69%	1.509%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.940	1857	1862	1866	rVB2	3052320	4218079	28.84%	1.918%
78	13.993	1868	1871	1875	rVB2	1034497	1410230	9.64%	0.641%
79	14.157	1894	1899	1905	rBV3	1506852	3161161	21.62%	1.437%
80	14.440	1940	1947	1952	rBV2	3316523	6481643	44.32%	2.947%
81	14.657	1978	1984	1993	rVB3	2008798	5810089	39.73%	2.642%
82	14.734	1994	1997	2002	rBV3	837324	1315363	8.99%	0.598%
83	14.922	2025	2029	2033	rVB	2184169	3379770	23.11%	1.537%
84	14.981	2035	2039	2045	rVV4	2464392	3735158	25.54%	1.698%
85	15.069	2049	2054	2058	rBV	2907672	5360587	36.66%	2.437%
86	15.116	2059	2062	2066	rVB	2342958	3149751	21.54%	1.432%
87	15.234	2076	2082	2086	rBV4	1946898	4496139	30.75%	2.044%
88	15.487	2121	2125	2130	rBV3	2127898	3452842	23.61%	1.570%
89	15.545	2130	2135	2140	rVV4	1731094	3145543	21.51%	1.430%
90	15.616	2144	2147	2151	rVB3	1448046	2045808	13.99%	0.930%
91	15.722	2160	2165	2171	rVB3	4582943	8187078	55.98%	3.723%
92	16.204	2239	2247	2253	rBV2	6724189	12622356	86.31%	5.739%
93	16.316	2262	2266	2270	rBV3	1796329	2801035	19.15%	1.274%
94	16.557	2304	2307	2314	rBV3	2296097	4346278	29.72%	1.976%
95	17.034	2383	2388	2396	rVB2	7841622	14623897	100.00%	6.649%
96	17.204	2414	2417	2422	rBV	2810069	4482172	30.65%	2.038%
97	18.086	2563	2567	2571	rBV2	2495330	4347004	29.73%	1.977%
98	18.263	2594	2597	2601	rVB	3517023	4487492	30.69%	2.040%
99	18.975	2715	2718	2723	rVB	3977540	5579526	38.15%	2.537%
100	19.751	2847	2850	2853	rBV2	2748568	3442115	23.54%	1.565%

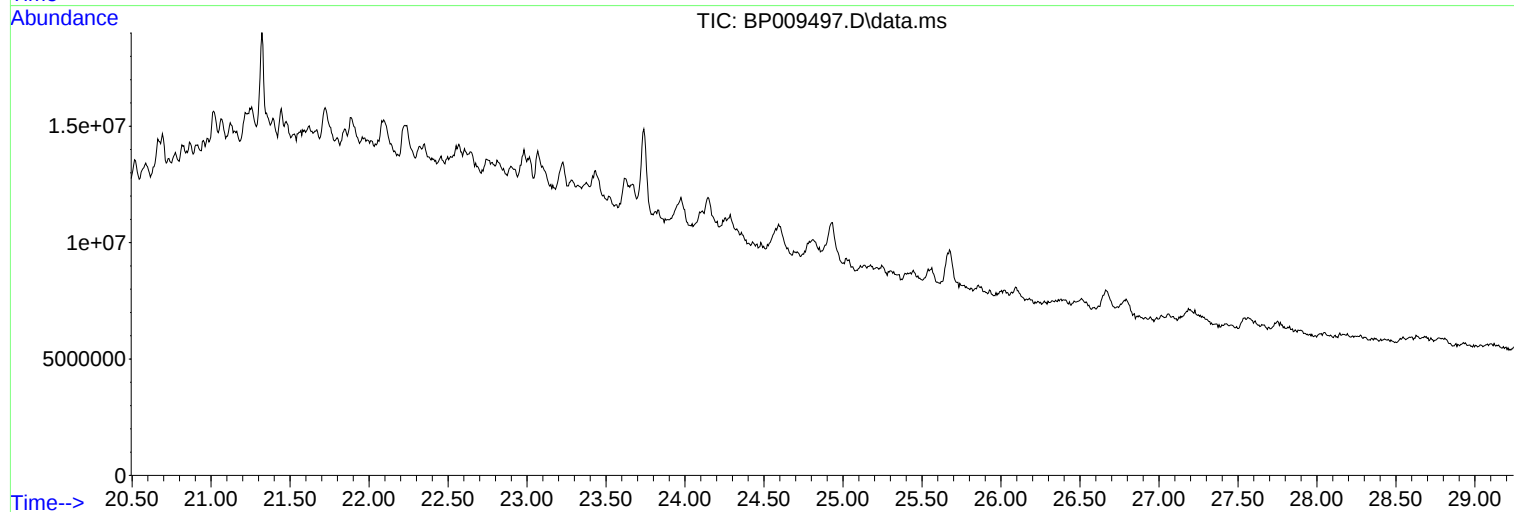
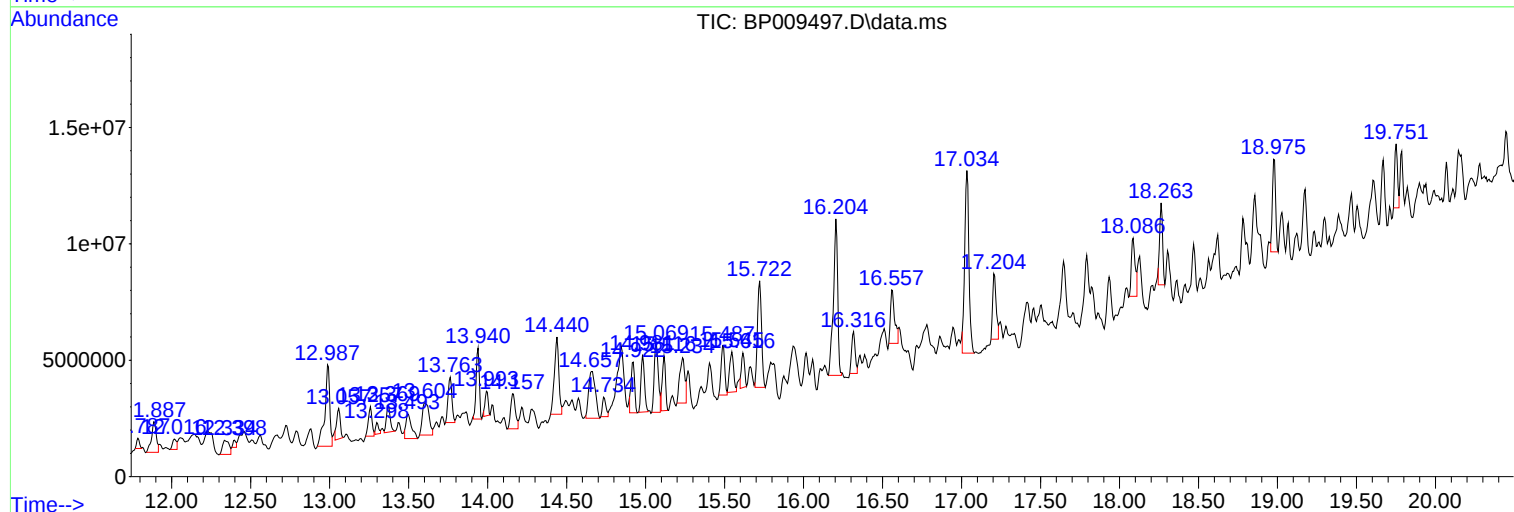
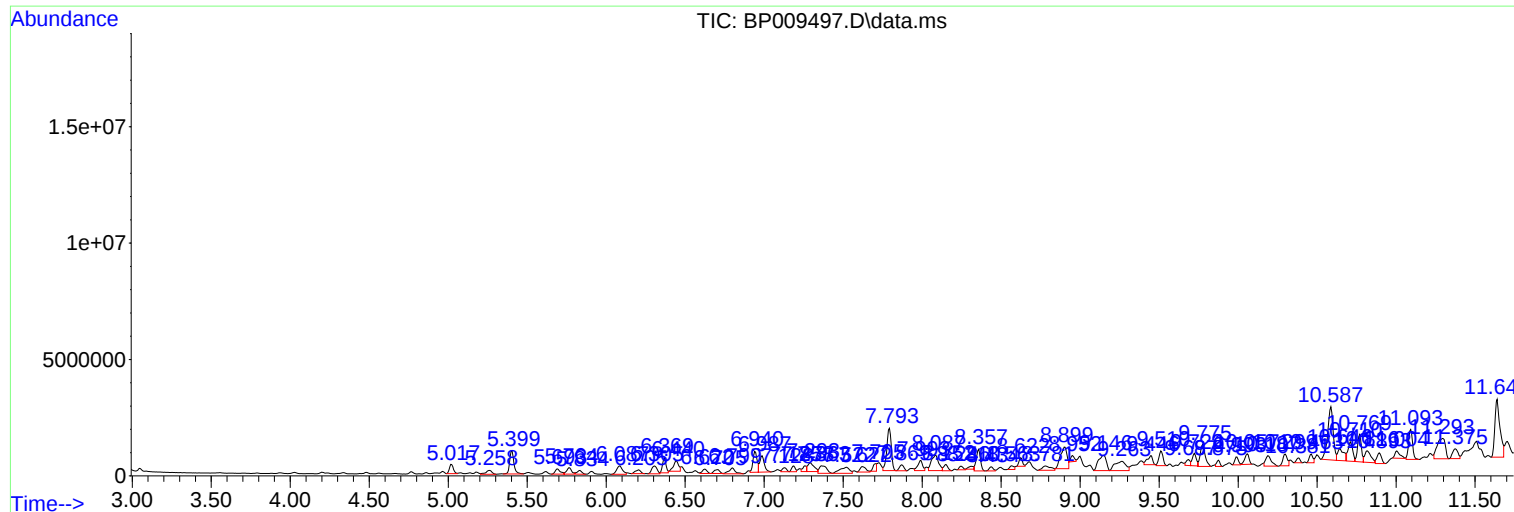
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Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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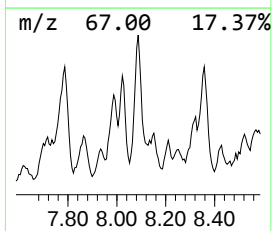
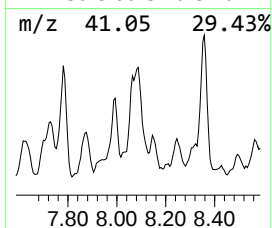
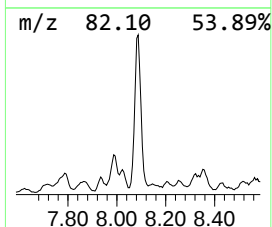
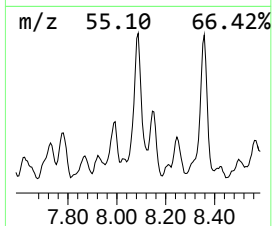
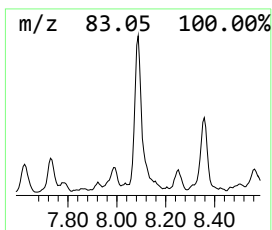
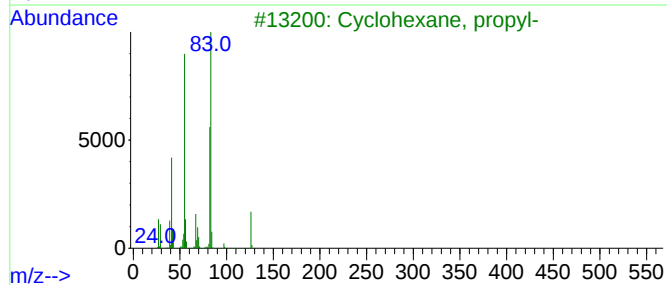
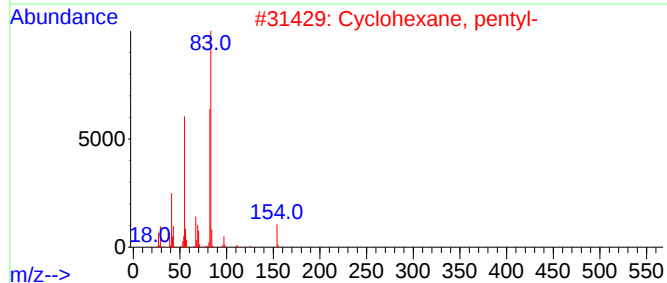
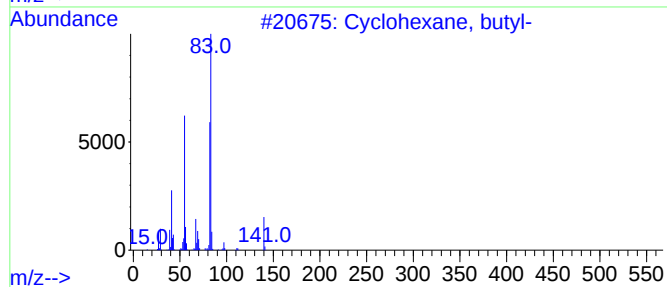
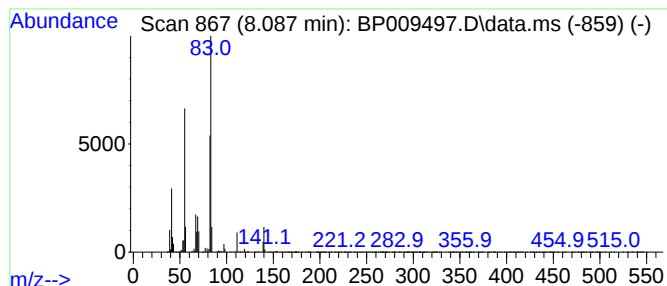
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.087	11.75 ng	2098720	1,4-Dichlorobenzene-d4	7.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4			Cyclohexane, decyl-	224	C16H32	001795-16-0	59
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53



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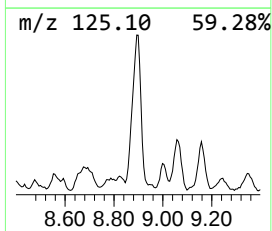
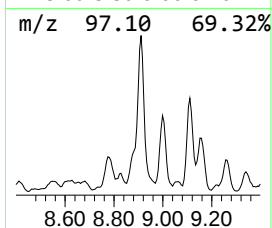
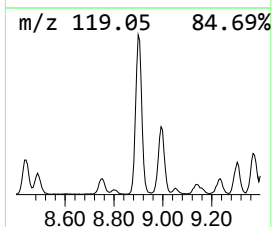
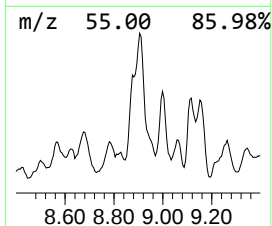
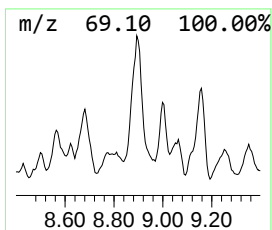
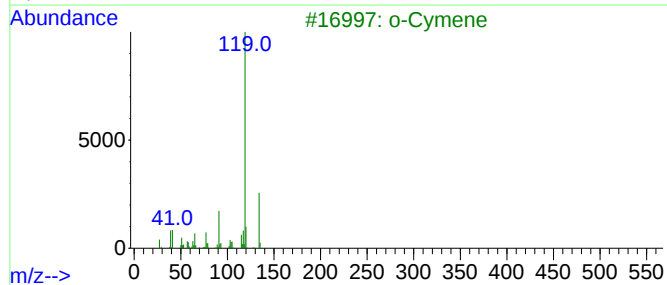
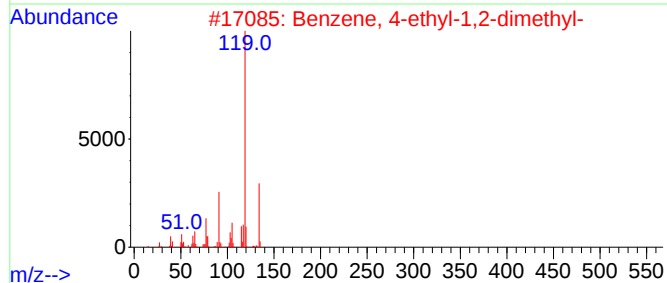
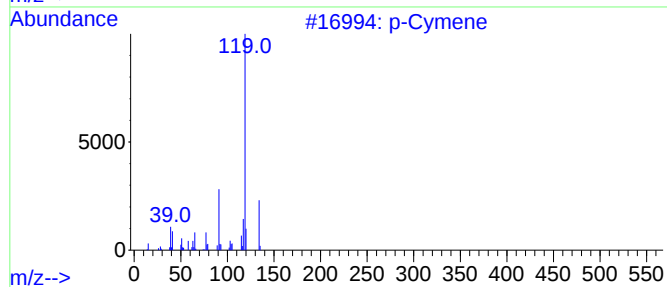
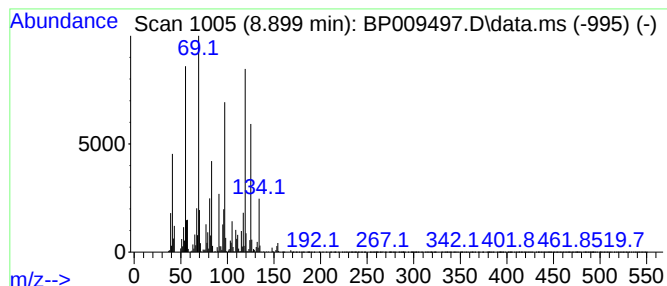
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.899	15.28 ng	2729820	1,4-Dichlorobenzene-d4	7.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		p-Cymene	134	C10H14	000099-87-6	68
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3		o-Cymene	134	C10H14	000527-84-4	60
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	48
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	48



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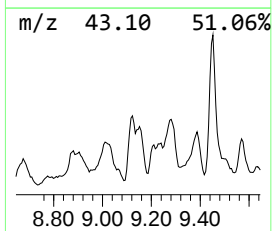
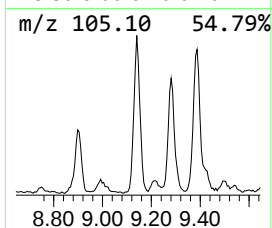
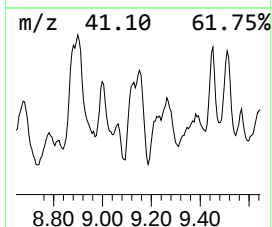
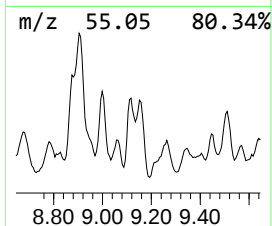
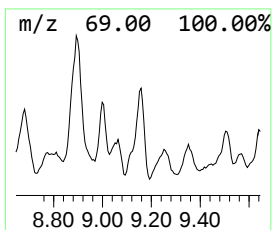
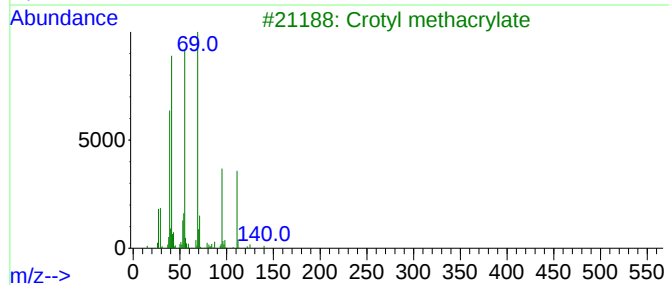
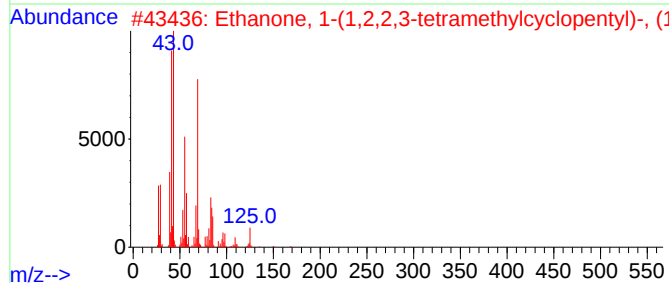
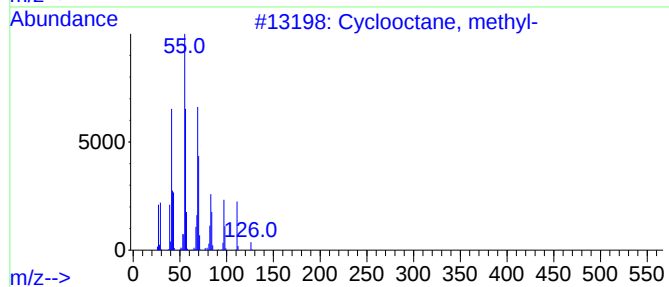
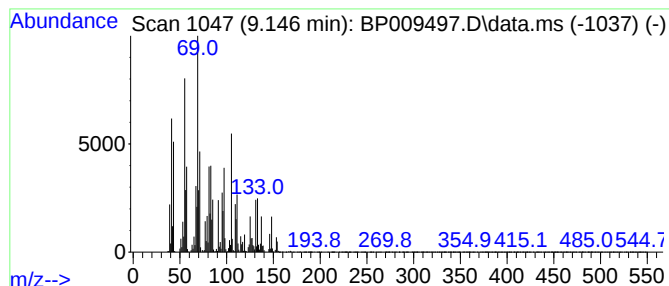
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.146 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.146	12.57 ng	2245910	1,4-Dichlorobenzene-d4	7.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	46
2			Ethanone, 1-(1,2,2,3-tetramethyl...	168	C11H20O	059642-07-8	38
3			Crotyl methacrylate	140	C8H12O2	007376-45-6	30
4			5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	30
5			Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

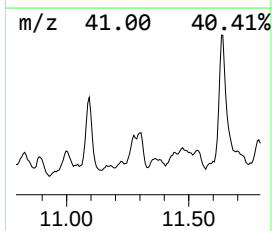
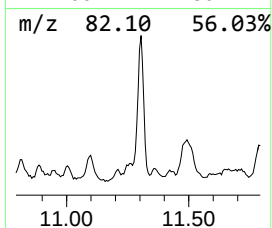
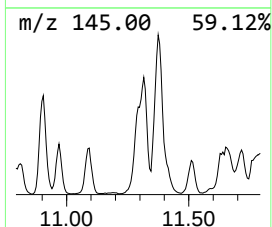
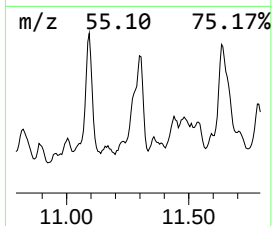
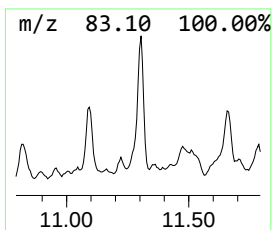
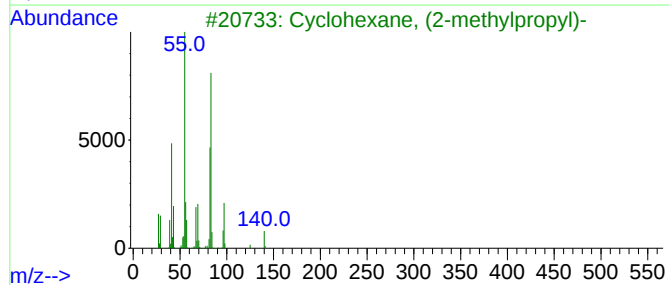
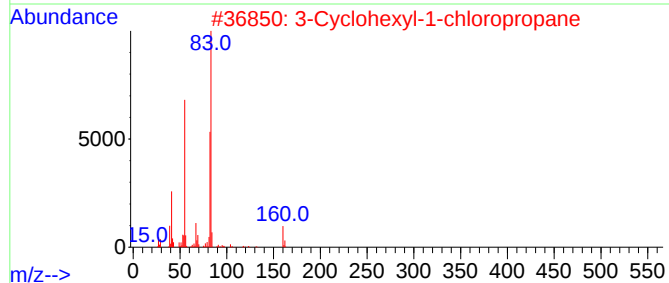
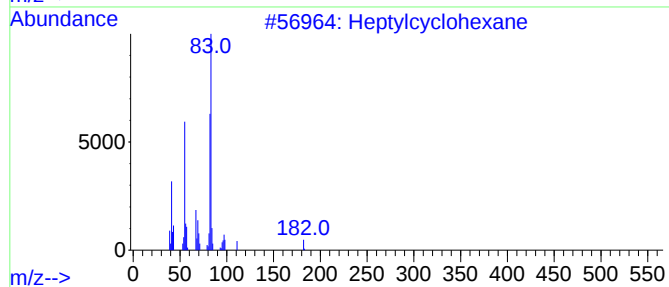
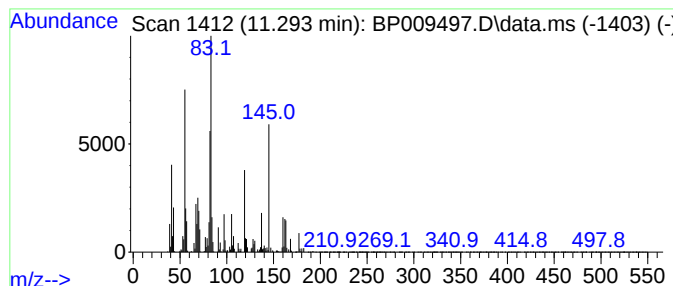
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.293	11.44 ng	3144500	Naphthalene-d8	10.587

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	55
2			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-7-WEST-SIDEWALL

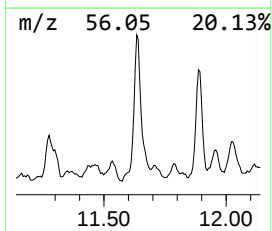
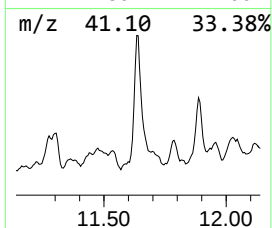
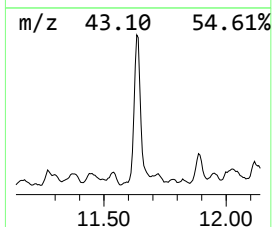
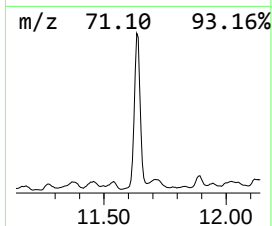
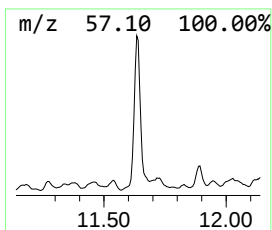
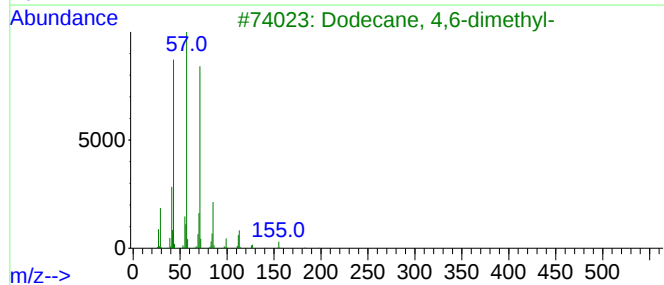
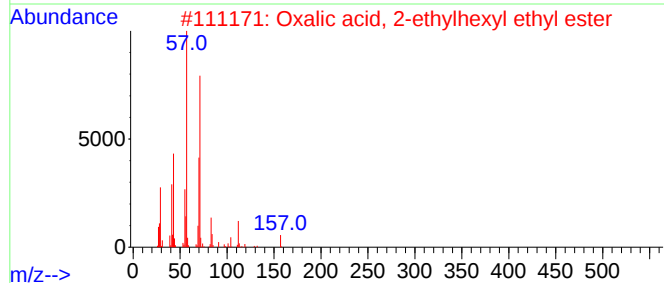
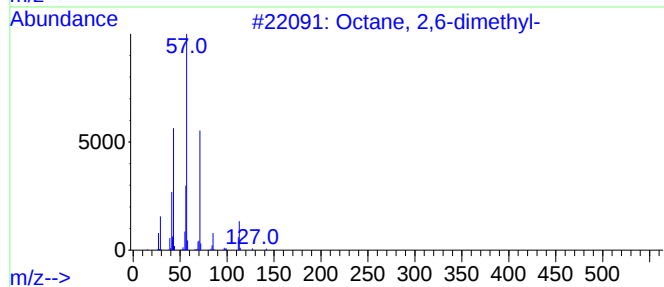
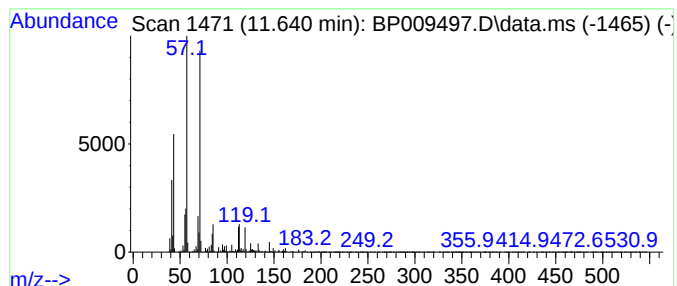
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	20.51 ng	5636300	Naphthalene-d8	10.587

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-7-WEST-SIDEWALL

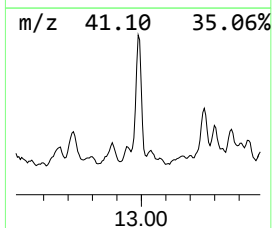
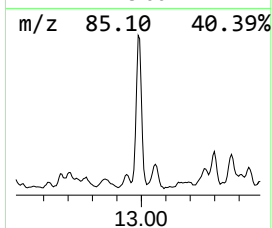
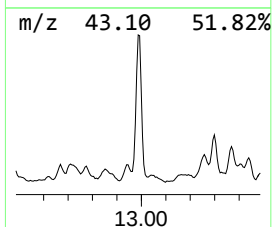
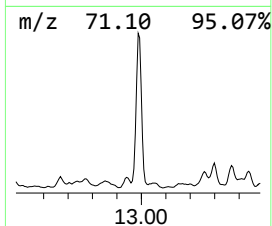
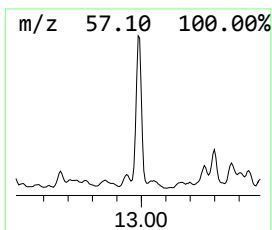
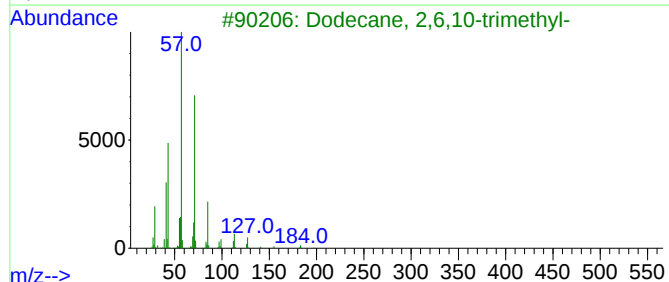
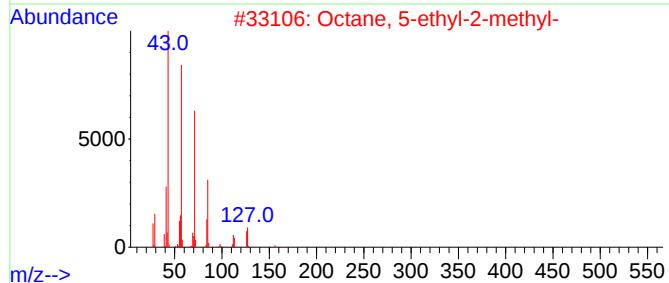
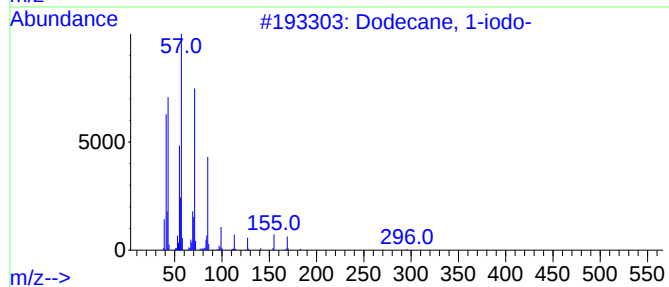
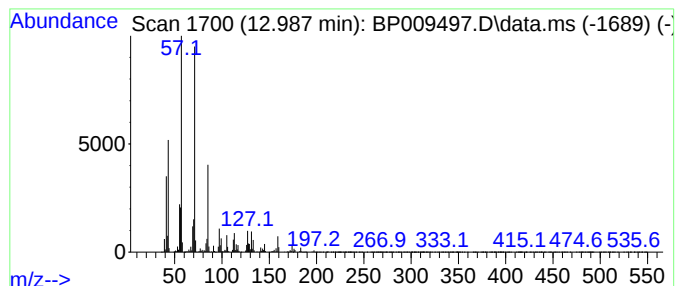
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	23.22 ng	7523570	Acenaphthene-d10	14.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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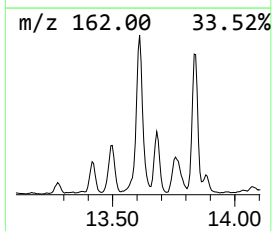
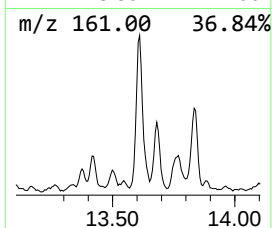
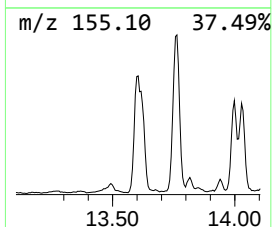
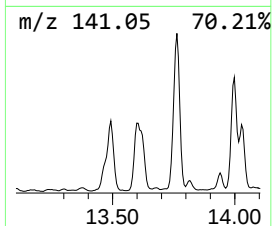
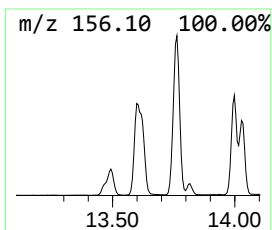
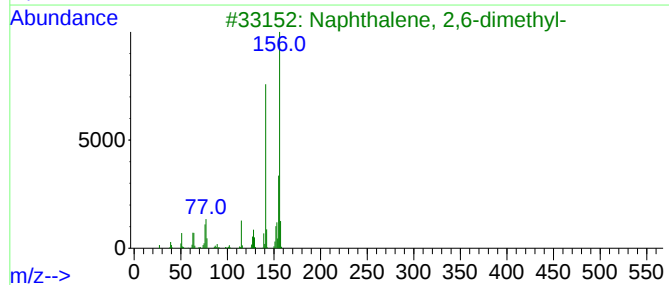
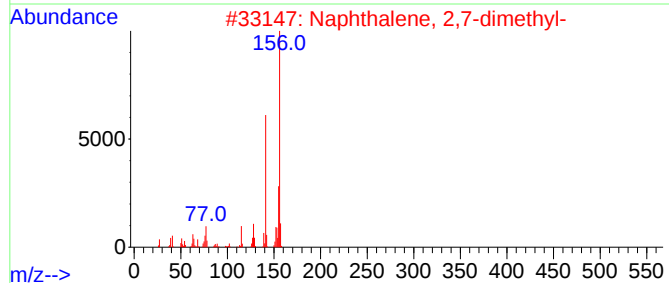
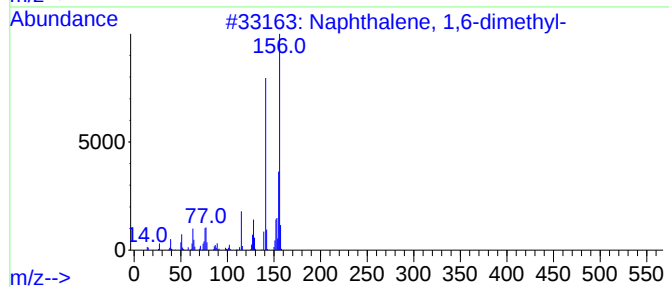
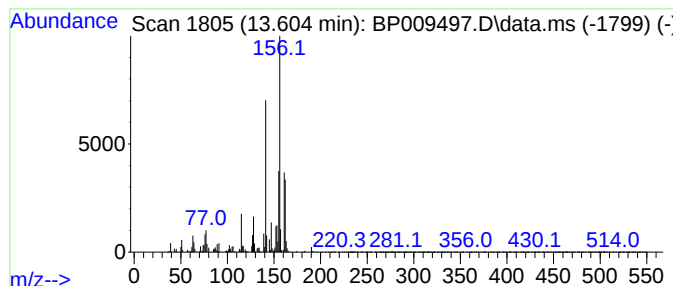
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	12.87 ng	4171260	Acenaphthene-d10	14.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
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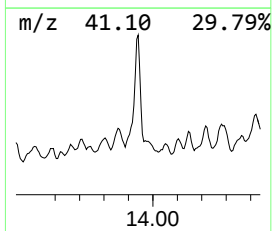
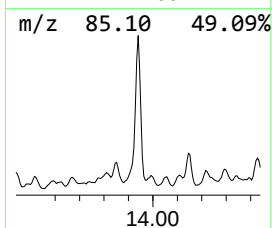
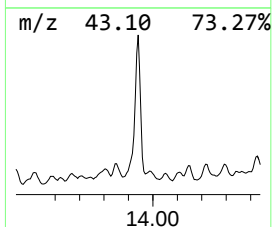
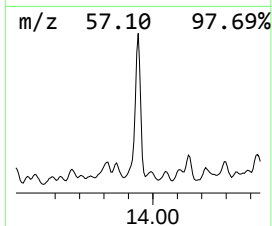
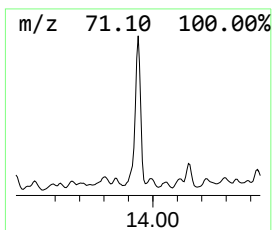
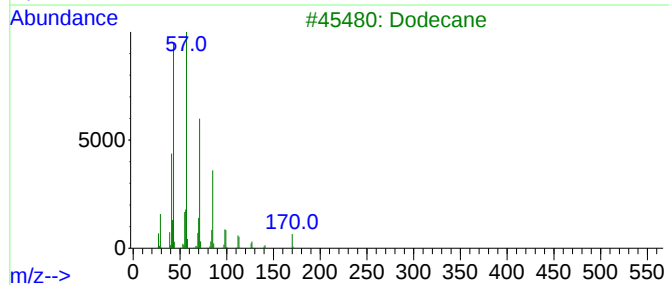
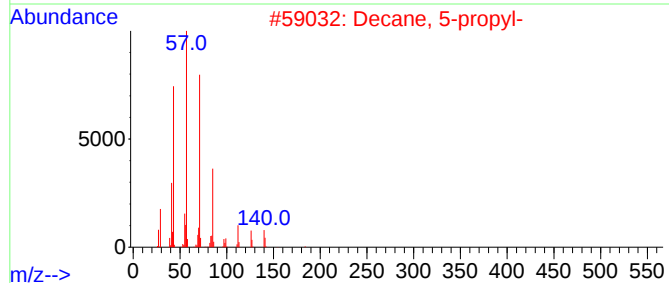
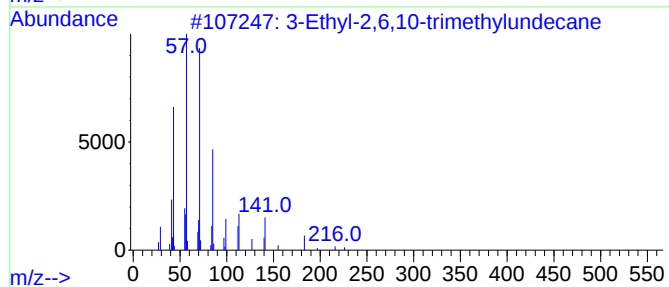
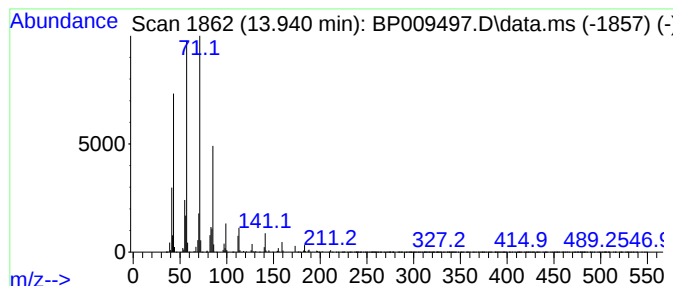
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Ethyl-2,6,10-trimethylund... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.940	13.02 ng	4218080	Acenaphthene-d10			14.440
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	95
2	Decane, 5-propyl-		184	C13H28	017312-62-8	90
3	Dodecane		170	C12H26	000112-40-3	86
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	83
5	Hexadecane, 7-methyl-		240	C17H36	026730-20-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
UST-7-WEST-SIDEWALL

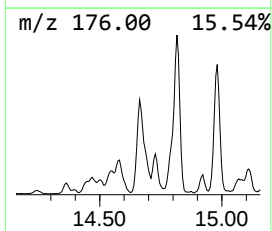
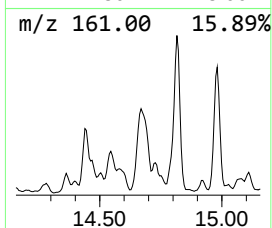
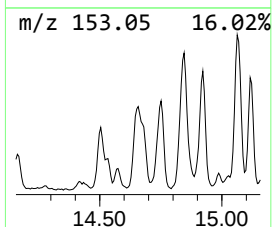
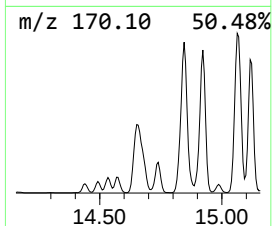
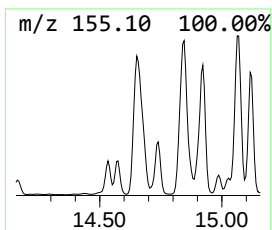
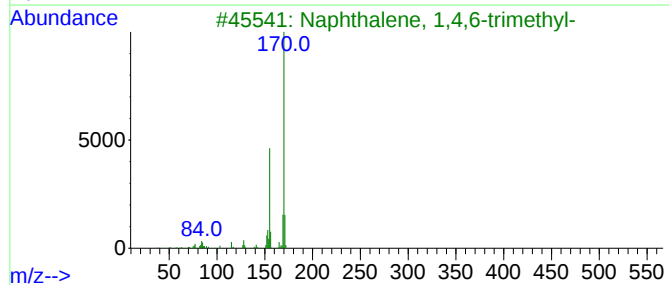
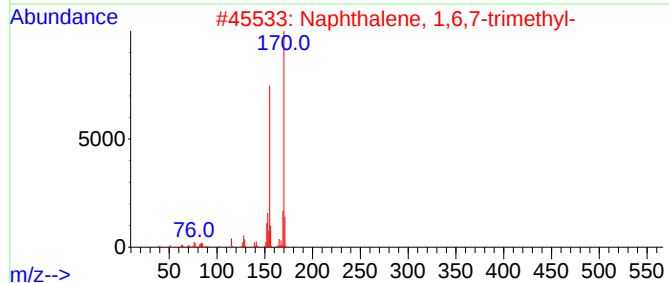
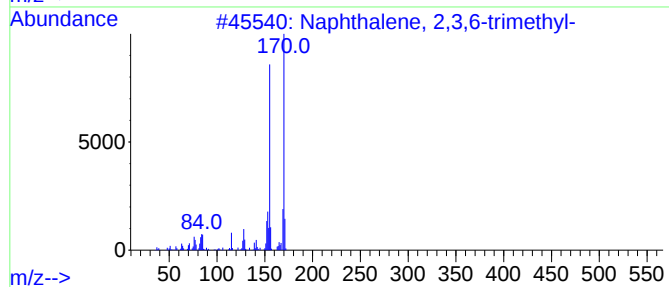
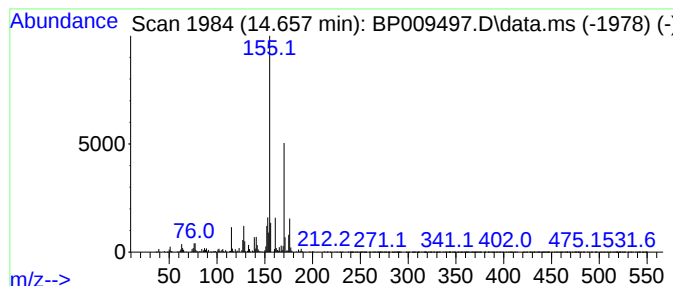
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	17.93 ng	5810090	Acenaphthene-d10	14.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

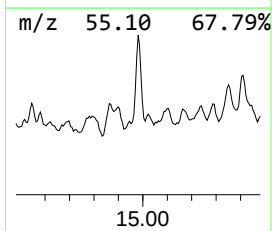
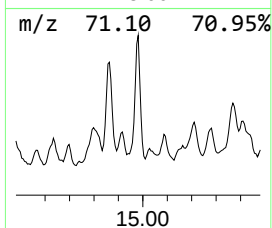
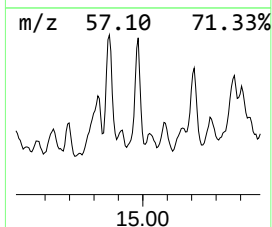
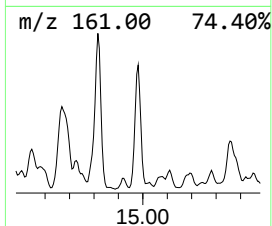
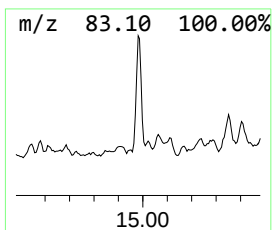
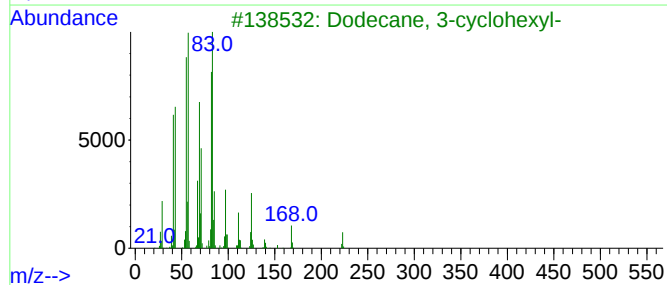
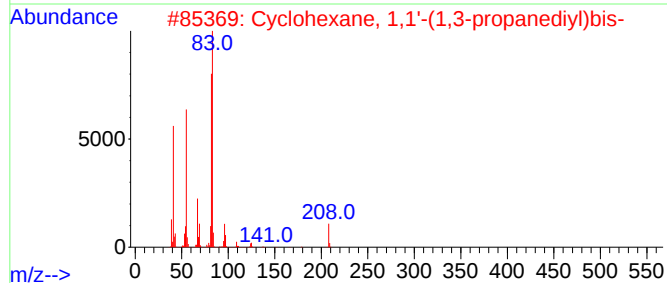
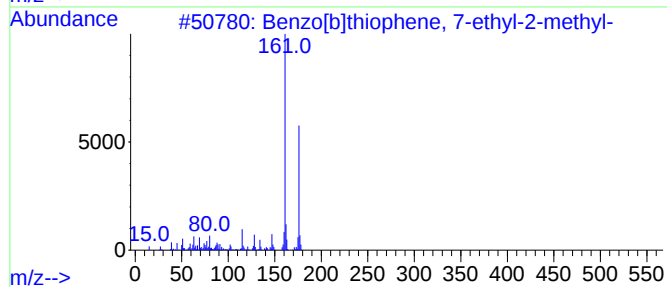
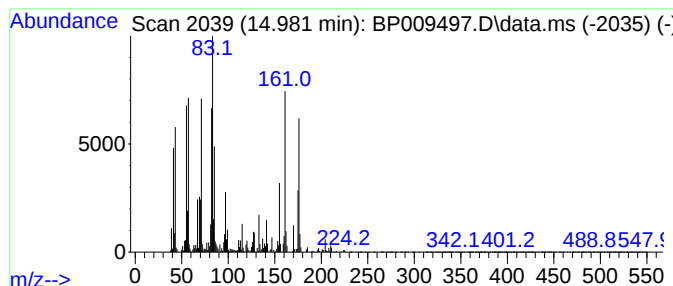
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.981 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.981	11.53 ng	3735160	Acenaphthene-d10	14.440

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]thiophene, 7-ethyl-2-met...	176	C11H12S	016587-44-3	48
2		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	35
3		Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	30
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
5		2,4-Pentanedione, 3-phenyl-	176	C11H12O2	005910-25-8	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

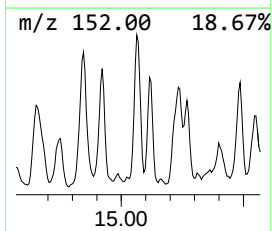
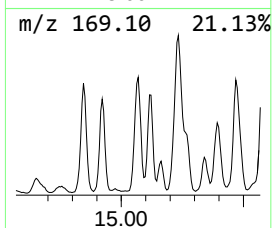
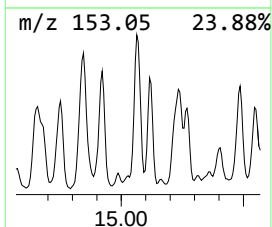
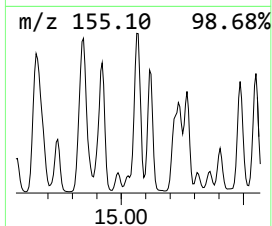
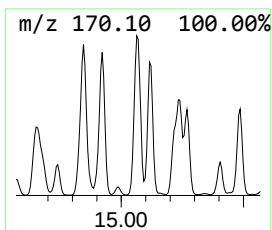
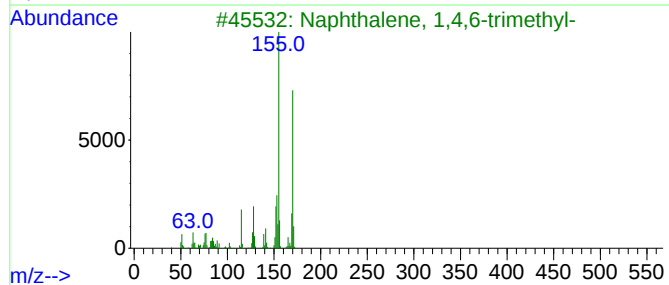
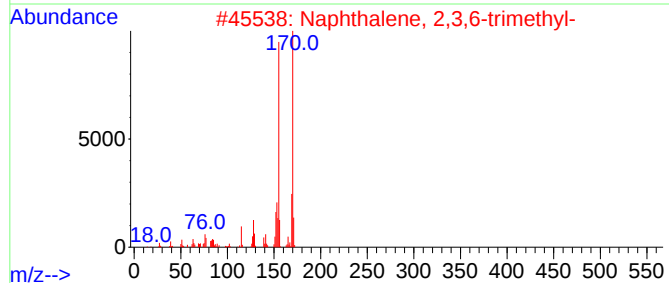
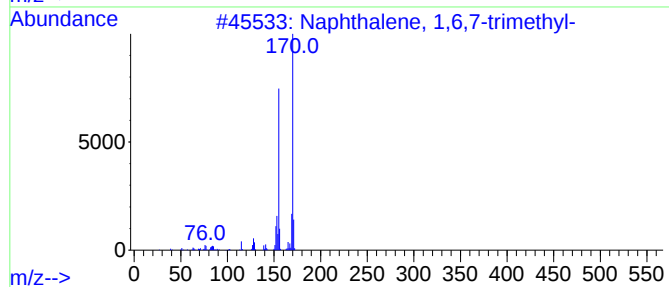
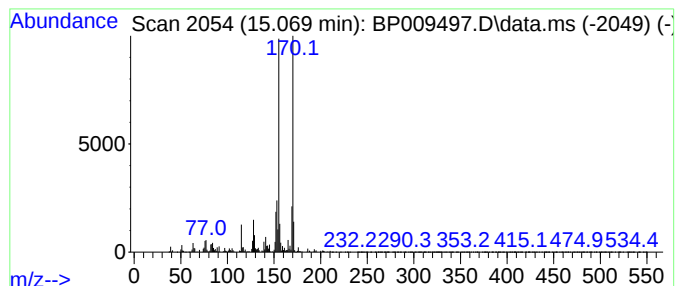
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ClientSampleId :
UST-7-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.069	16.54 ng	5360590	Acenaphthene-d10	14.440	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

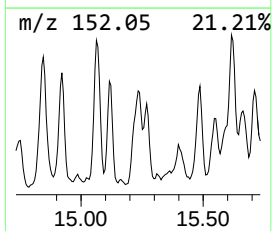
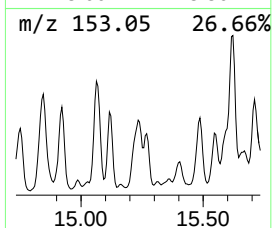
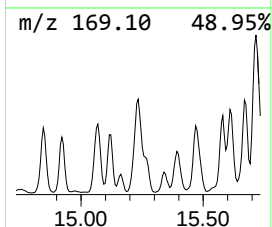
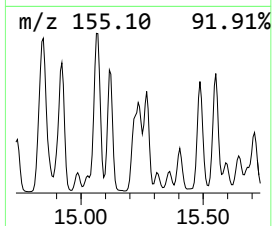
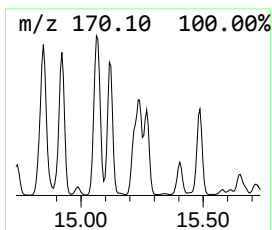
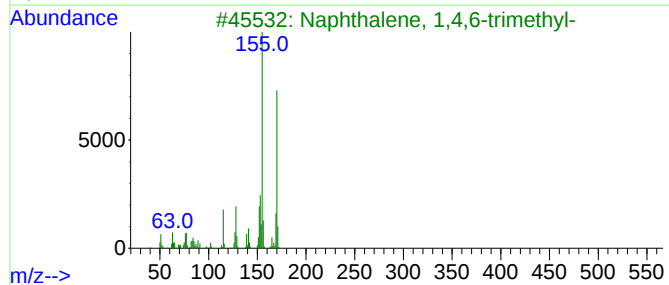
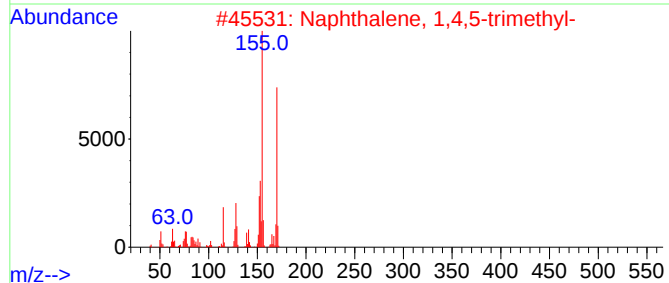
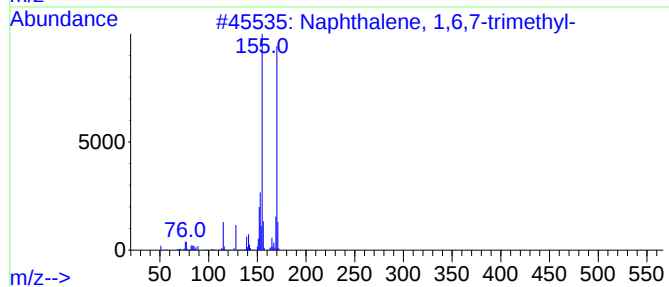
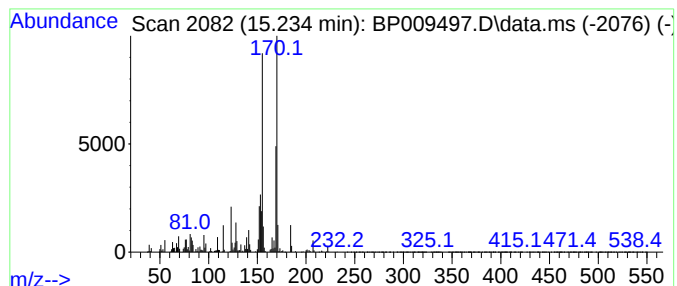
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ClientSampleId :
UST-7-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.234	13.87 ng	4496140	Acenaphthene-d10	14.440	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

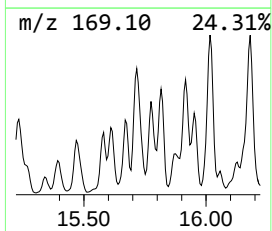
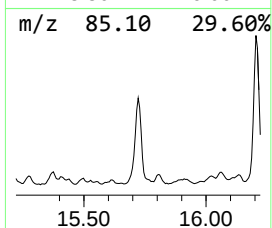
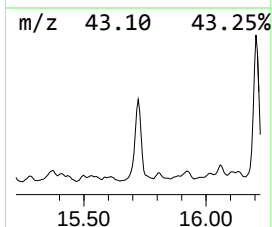
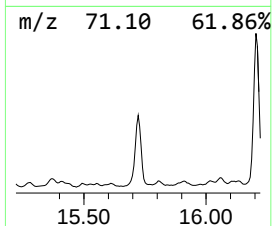
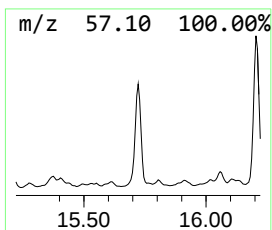
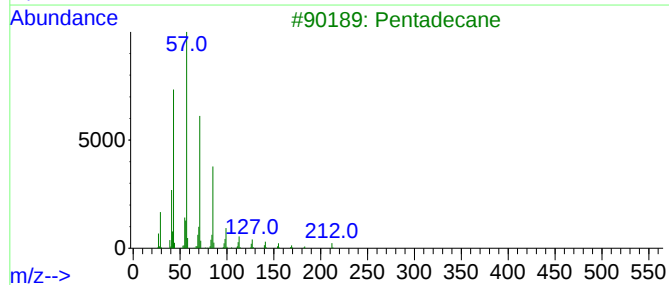
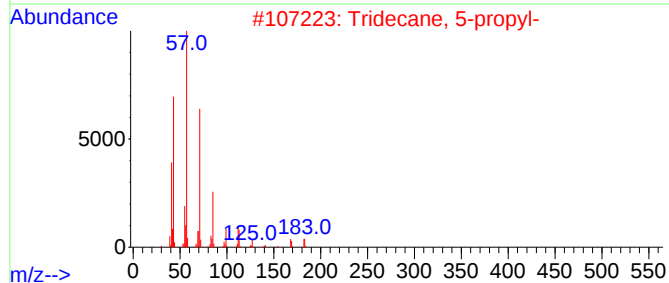
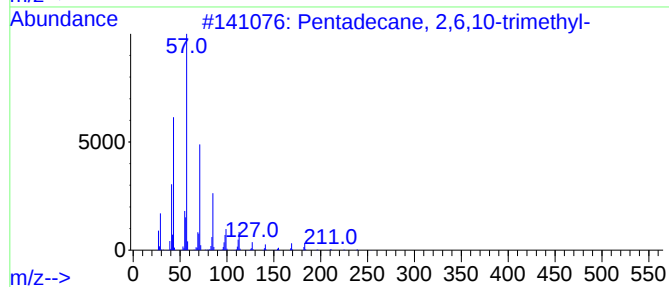
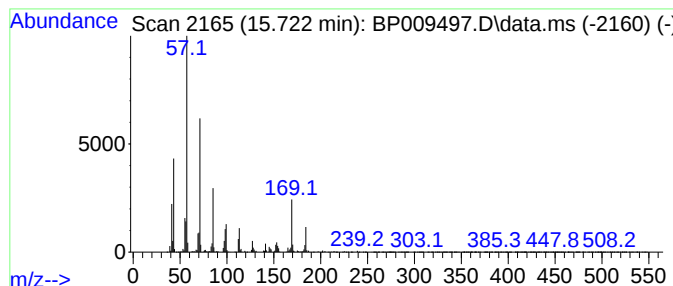
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	25.26 ng	8187080	Acenaphthene-d10	14.440

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3		Pentadecane	212	C15H32	000629-62-9	53
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
5		Heptacosane	380	C27H56	000593-49-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-7-WEST-SIDEWALL

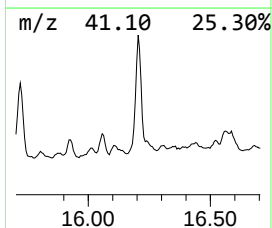
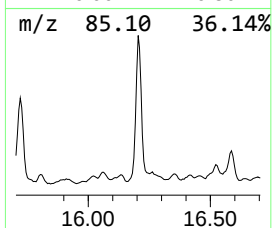
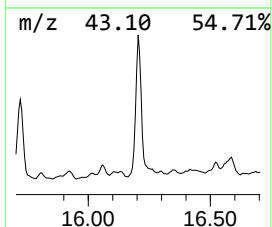
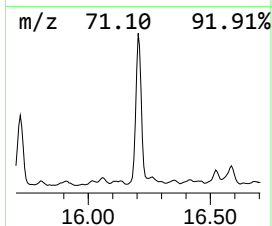
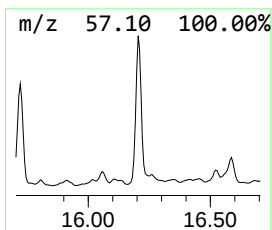
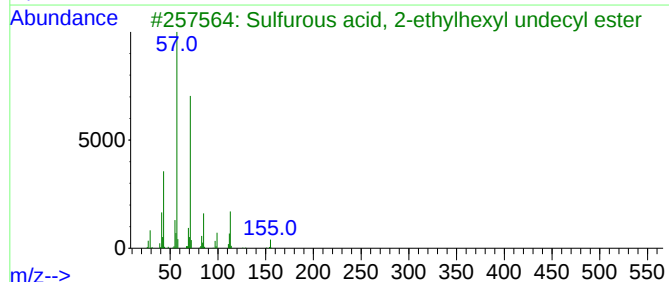
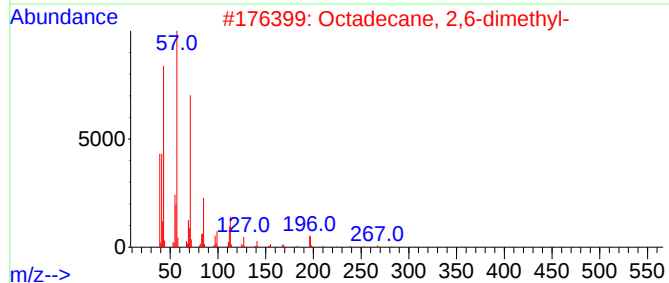
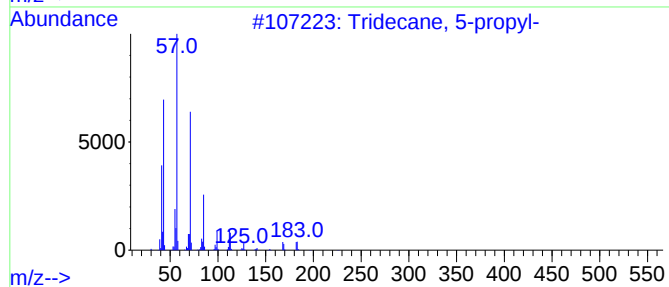
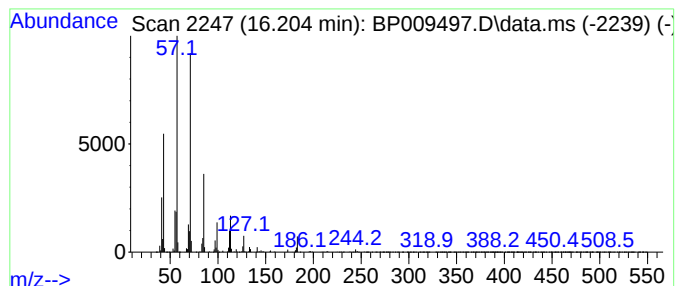
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	56.32 ng	12622400	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

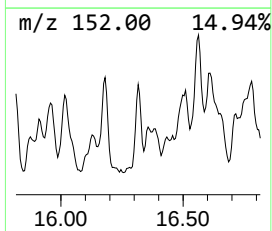
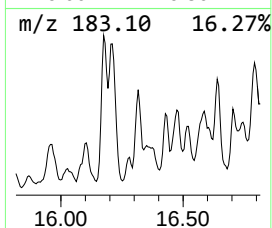
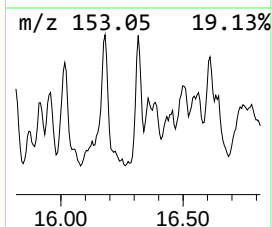
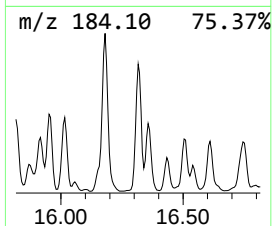
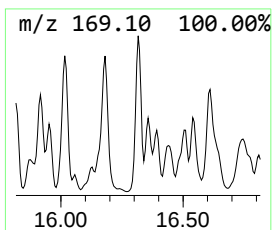
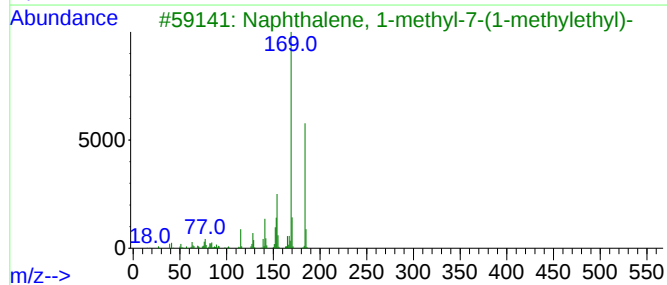
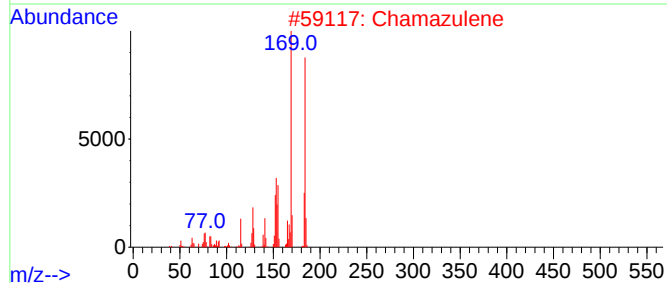
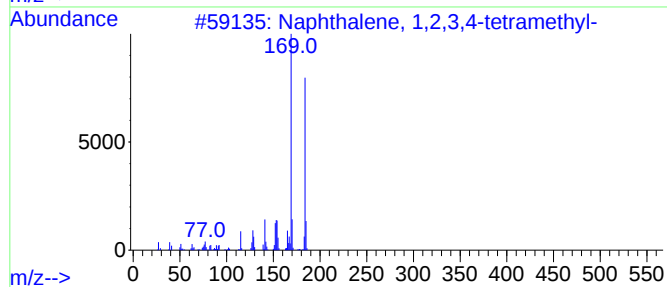
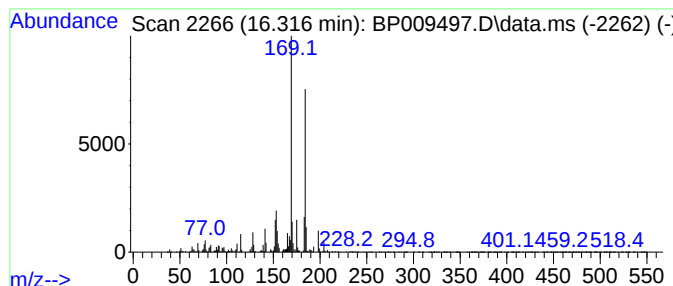
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.316	12.50 ng	2801040	Phenanthrene-d10	17.204	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
2	Chamazulene	184	C14H16	000529-05-5	93
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	89
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	83
5	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-7-WEST-SIDEWALL

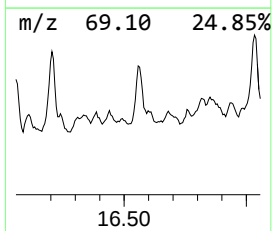
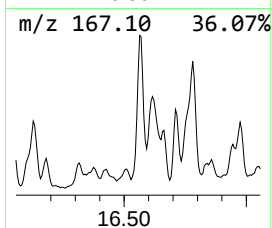
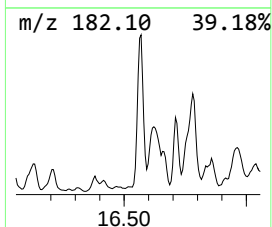
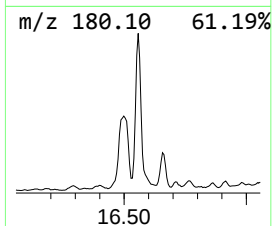
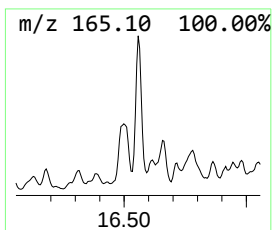
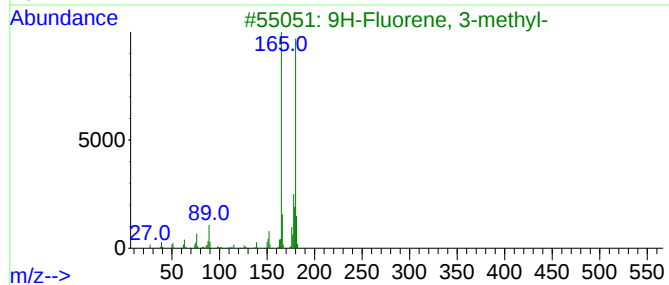
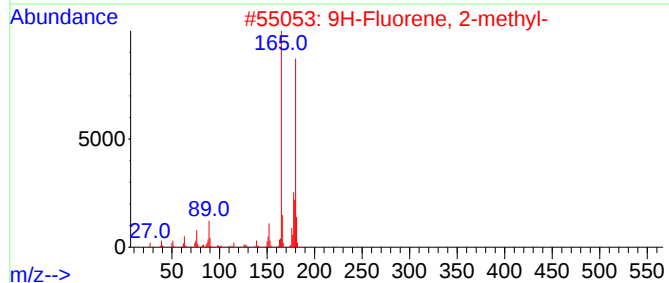
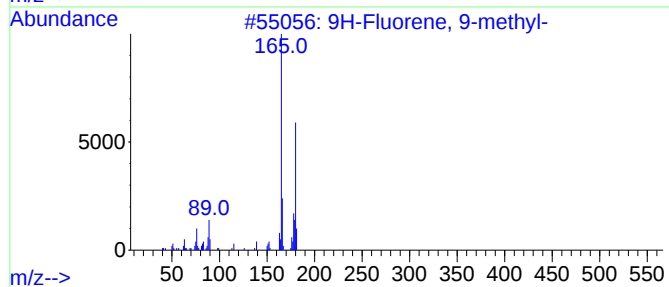
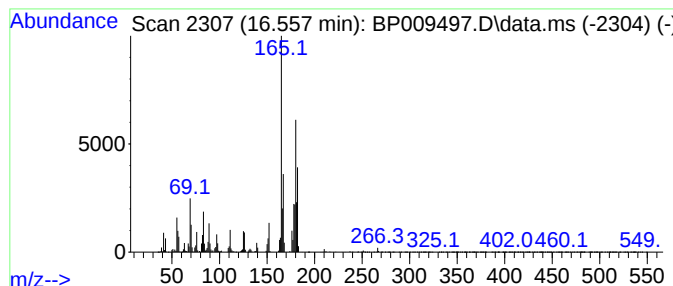
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9H-Fluorene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.557	19.39 ng	4346280	Phenanthrene-d10	17.204

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

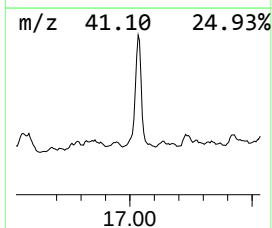
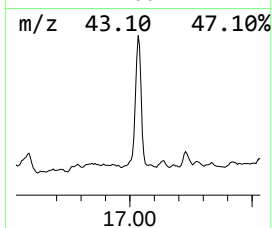
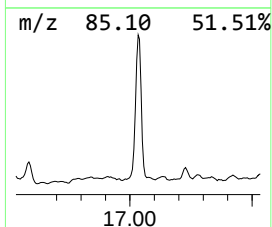
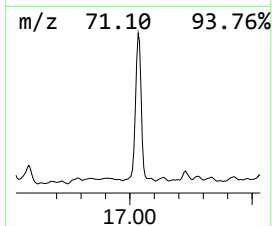
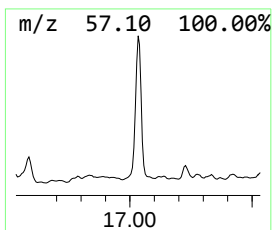
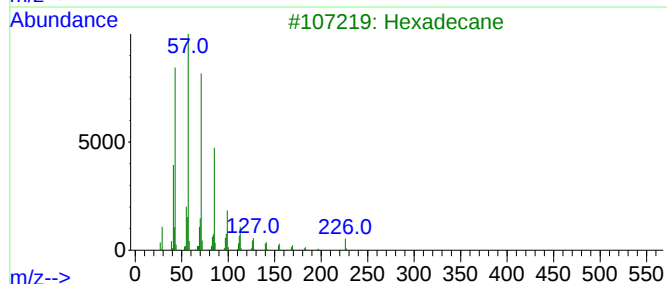
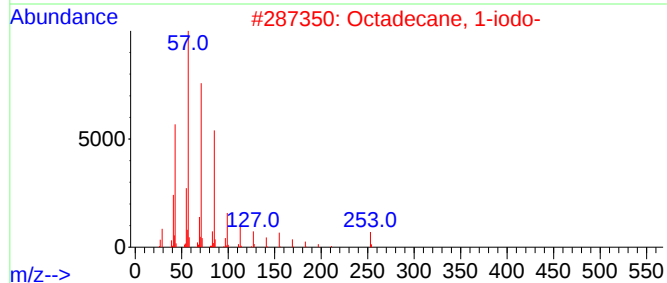
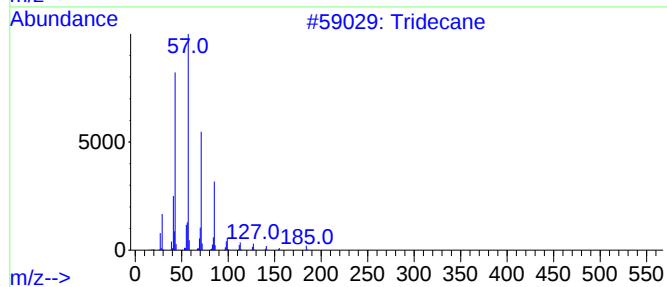
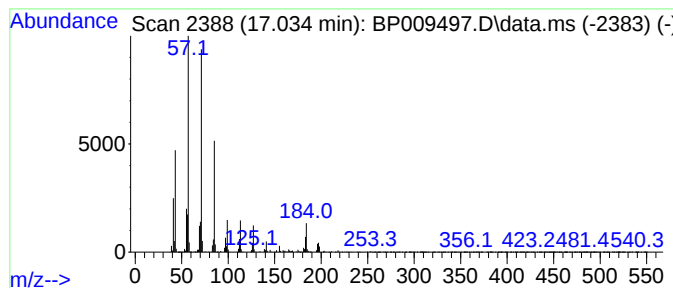
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ClientSampleId :
UST-7-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.034	65.25 ng	14623900	Phenanthrene-d10	17.204	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

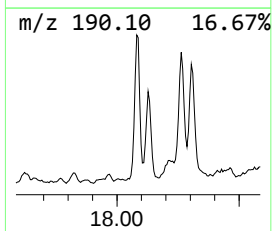
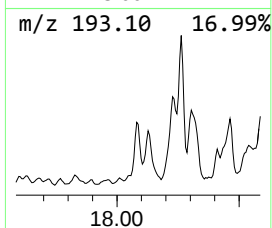
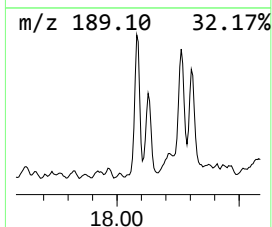
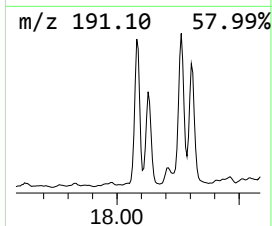
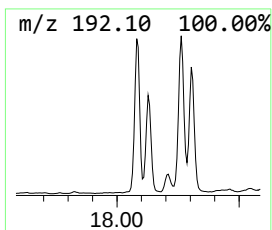
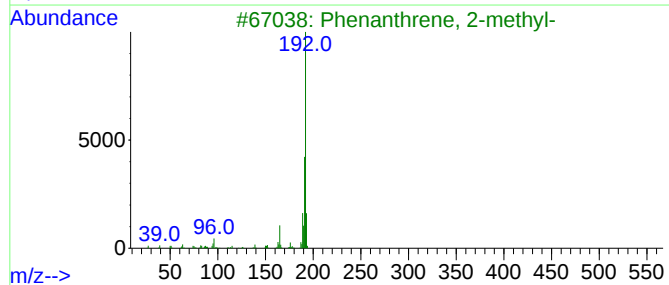
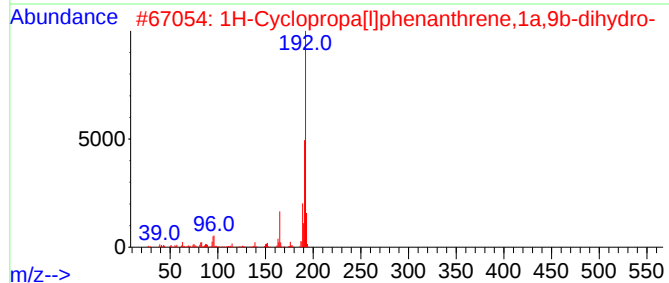
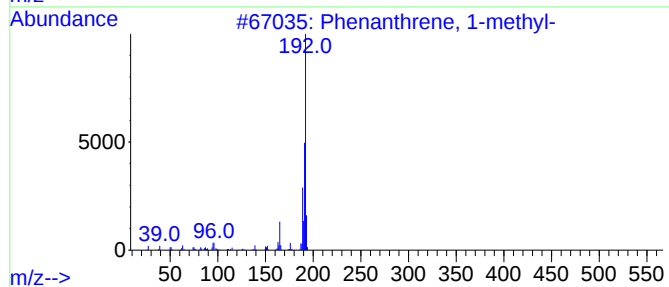
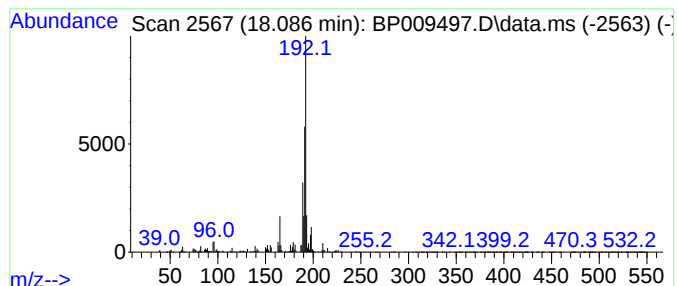
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UST-7-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.086	19.40 ng	4347000	Phenanthrene-d10			17.204
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
2	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	94
4	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

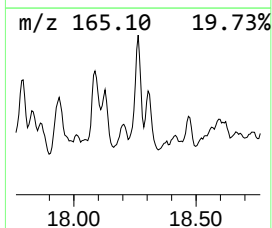
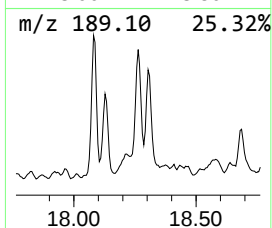
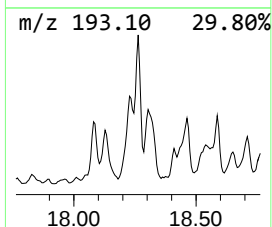
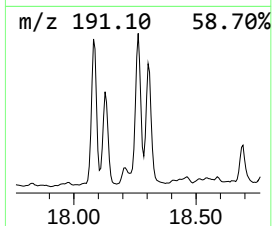
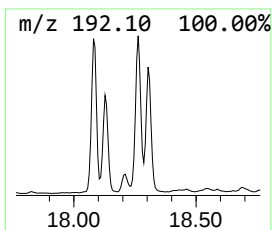
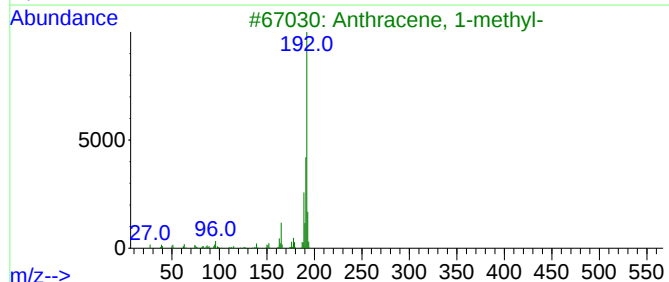
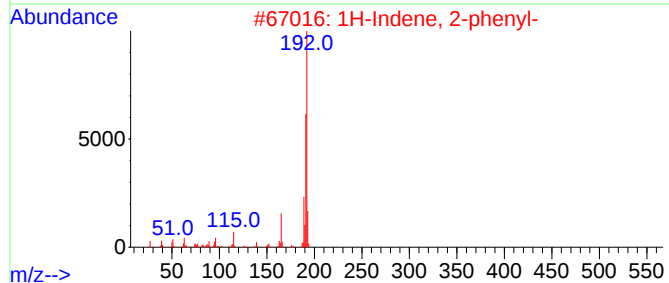
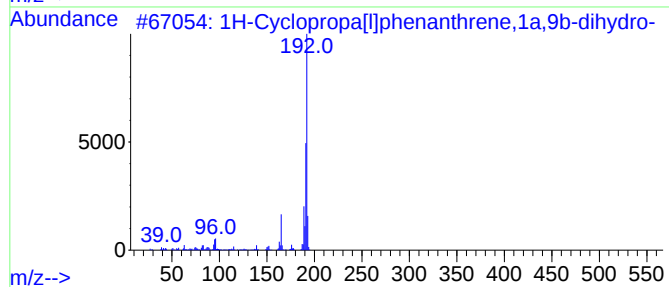
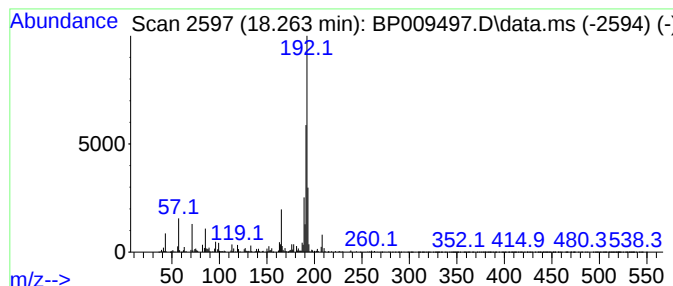
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.263	20.02 ng	4487490	Phenanthrene-d10	17.204	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

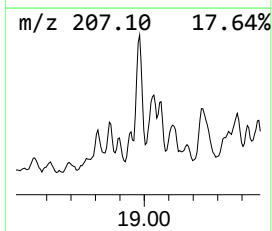
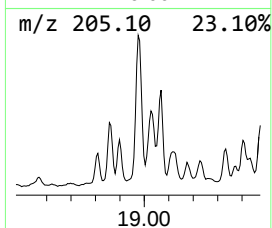
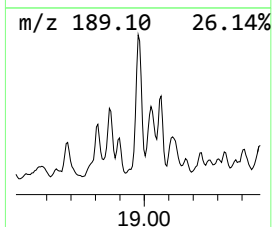
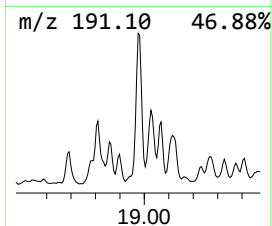
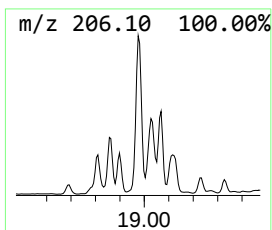
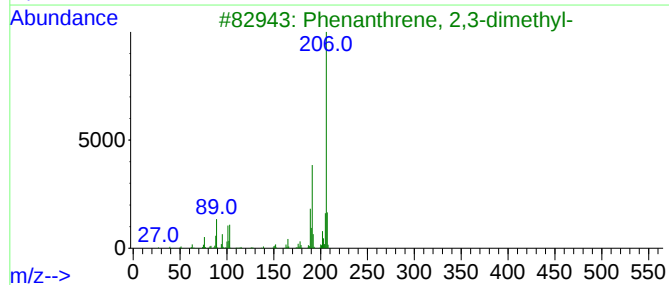
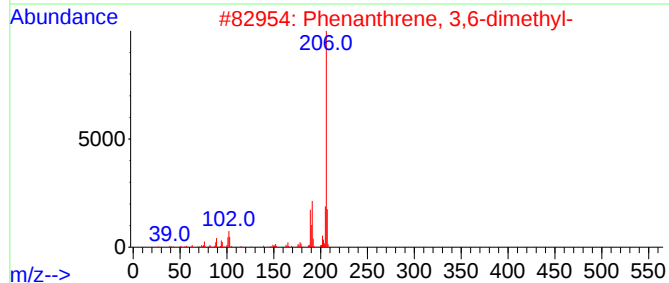
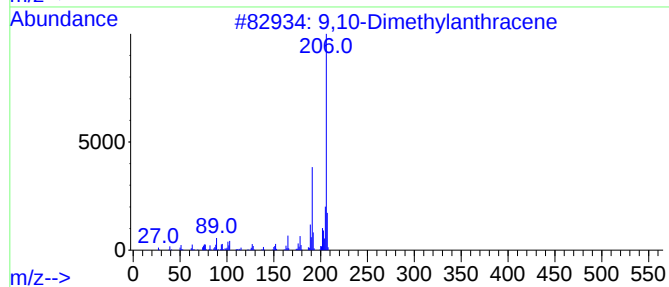
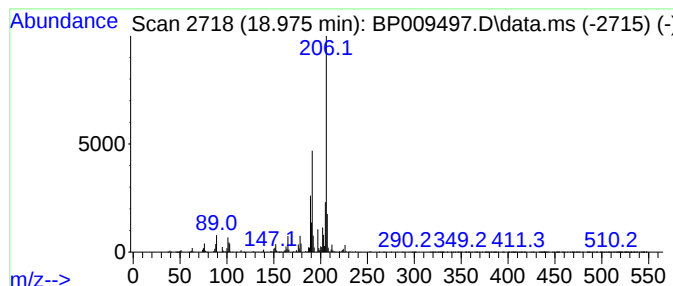
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	24.90 ng	5579530	Phenanthrene-d10	17.204

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009497.D
Acq On : 22 Mar 2022 20:19
Operator : CG/JU
Sample : N2057-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, bu...	8.087	11.8	ng	2098720	1	7.793	3573110	20.0
p-Cymene	8.899	15.3	ng	2729820	1	7.793	3573110	20.0
unknown9.146	9.146	12.6	ng	2245910	1	7.793	3573110	20.0
Heptylcyclohexane	11.293	11.4	ng	3144500	2	10.587	5496570	20.0
Octane, 2,6-dim...	11.640	20.5	ng	5636300	2	10.587	5496570	20.0
Dodecane, 1-iodo-	12.987	23.2	ng	7523570	3	14.440	6481640	20.0
Naphthalene, 1,...	13.604	12.9	ng	4171260	3	14.440	6481640	20.0
3-Ethyl-2,6,10-...	13.940	13.0	ng	4218080	3	14.440	6481640	20.0
Naphthalene, 2,...	14.657	17.9	ng	5810090	3	14.440	6481640	20.0
unknown14.981	14.981	11.5	ng	3735160	3	14.440	6481640	20.0
Naphthalene, 1,...	15.069	16.5	ng	5360590	3	14.440	6481640	20.0
Naphthalene, 1,...	15.234	13.9	ng	4496140	3	14.440	6481640	20.0
Pentadecane, 2,...	15.722	25.3	ng	8187080	3	14.440	6481640	20.0
Tridecane, 5-pr...	16.204	56.3	ng	12622400	4	17.204	4482170	20.0
Naphthalene, 1,...	16.316	12.5	ng	2801040	4	17.204	4482170	20.0
9H-Fluorene, 9-...	16.557	19.4	ng	4346280	4	17.204	4482170	20.0
Tridecane	17.034	65.3	ng	14623900	4	17.204	4482170	20.0
Phenanthrene, 1...	18.086	19.4	ng	4347000	4	17.204	4482170	20.0
1H-Cyclopropa[1...	18.263	20.0	ng	4487490	4	17.204	4482170	20.0
9,10-Dimethylan...	18.975	24.9	ng	5579530	4	17.204	4482170	20.0