

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009078.D
 Acq On : 09 Feb 2022 15:16
 Operator : CG/JU
 Sample : N1397-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KTS1-MH-02-0-15

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-BP020722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009078.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.005	168	173	182	rVB	128981	207920	2.18%	0.180%
2	4.346	227	231	241	rVB	96455	158803	1.66%	0.137%
3	5.393	403	409	416	rBV	2757858	4490269	47.00%	3.885%
4	5.446	416	418	442	rVB	122898	305720	3.20%	0.264%
5	5.816	474	481	488	rBV4	147125	284357	2.98%	0.246%
6	6.993	668	681	693	rBV	2744384	4918812	51.48%	4.255%
7	7.458	752	760	769	rVB4	86041	231989	2.43%	0.201%
8	7.728	794	806	811	rBV5	79686	171108	1.79%	0.148%
9	7.805	811	819	827	rBV	776333	1405088	14.71%	1.216%
10	7.969	844	847	854	rVB4	65402	134531	1.41%	0.116%
11	8.081	861	866	876	rVB6	68096	180979	1.89%	0.157%
12	8.346	905	911	917	rBV3	113671	240515	2.52%	0.208%
13	8.446	923	928	937	rVB8	54067	150023	1.57%	0.130%
14	8.863	993	999	1000	rBV2	94017	154371	1.62%	0.134%
15	8.963	1009	1016	1025	rBV	1843974	3246461	33.98%	2.809%
16	9.040	1026	1029	1039	rVB6	132627	370683	3.88%	0.321%
17	9.163	1039	1050	1056	rBV8	133670	389832	4.08%	0.337%
18	9.269	1056	1068	1074	rBV8	125759	395605	4.14%	0.342%
19	9.393	1085	1089	1096	rBV5	84024	163897	1.72%	0.142%
20	9.463	1097	1101	1107	rVB	169542	278249	2.91%	0.241%
21	9.646	1128	1132	1134	rBV2	120750	184455	1.93%	0.160%
22	9.675	1134	1137	1149	rVB	280695	585064	6.12%	0.506%
23	9.781	1149	1155	1157	rBV3	162182	325628	3.41%	0.282%
24	9.957	1181	1185	1188	rBV3	84453	132669	1.39%	0.115%
25	10.052	1197	1201	1206	rVB6	118890	219633	2.30%	0.190%
26	10.475	1269	1273	1277	rBV2	192790	305907	3.20%	0.265%
27	10.599	1289	1294	1307	rVB3	1046168	2229620	23.34%	1.929%
28	10.722	1313	1315	1320	rVB2	239121	333263	3.49%	0.288%
29	10.793	1320	1327	1334	rBV5	223094	792871	8.30%	0.686%
30	11.010	1360	1364	1368	rBV3	213310	326770	3.42%	0.283%
31	11.099	1374	1379	1384	rBV	965772	1510570	15.81%	1.307%
32	11.263	1404	1407	1408	rBV2	178769	208510	2.18%	0.180%
33	11.369	1421	1425	1428	rBV5	249251	423645	4.43%	0.366%
34	11.663	1469	1475	1478	rBV4	586332	1242156	13.00%	1.075%
35	11.799	1493	1498	1502	rBV	670874	1059454	11.09%	0.917%
36	11.893	1510	1514	1519	rBV2	870843	1291556	13.52%	1.117%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009078.D
 Acq On : 09 Feb 2022 15:16
 Operator : CG/JU
 Sample : N1397-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KTS1-MH-02-0-15

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-BP020722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.040	1535	1539	1541	rBV3	313593	484650	5.07%	0.419%
38	12.346	1586	1591	1598	rBV5	684562	1623112	16.99%	1.404%
39	12.434	1604	1606	1610	rVB3	337343	361564	3.78%	0.313%
40	12.804	1665	1669	1674	rBV6	480038	905521	9.48%	0.783%
41	12.887	1680	1683	1689	rVB4	1052409	1532254	16.04%	1.326%
42	13.069	1708	1714	1720	rVB	5100405	8193819	85.76%	7.089%
43	13.234	1739	1742	1745	rBV	709124	1071341	11.21%	0.927%
44	13.869	1847	1850	1854	rVB	986693	1224242	12.81%	1.059%
45	14.181	1898	1903	1907	rBV	1330358	2759893	28.89%	2.388%
46	14.287	1917	1921	1928	rVB2	1330875	2410572	25.23%	2.085%
47	14.451	1946	1949	1957	rVB	1926953	2846308	29.79%	2.462%
48	15.951	2200	2204	2209	rVB	4038843	5855302	61.28%	5.065%
49	17.216	2415	2419	2423	rBV	1909736	2830115	29.62%	2.448%
50	19.228	2758	2761	2768	rVB	2284064	3073636	32.17%	2.659%
51	19.580	2818	2821	2830	rVB	3864266	6153408	64.40%	5.323%
52	19.775	2850	2854	2859	rVB	7569100	9554565	100.00%	8.266%
53	21.298	3109	3113	3119	rBV2	2988874	7046022	73.75%	6.096%
54	22.986	3394	3400	3405	rBV	3124841	7789516	81.53%	6.739%
55	23.163	3427	3430	3437	rVB	1131846	2065910	21.62%	1.787%
56	23.504	3483	3488	3497	rVB	2550561	5225228	54.69%	4.520%
57	23.610	3500	3506	3513	rVB	3967702	7895595	82.64%	6.831%
58	26.221	3944	3950	3962	rVB	1888117	5639118	59.02%	4.878%

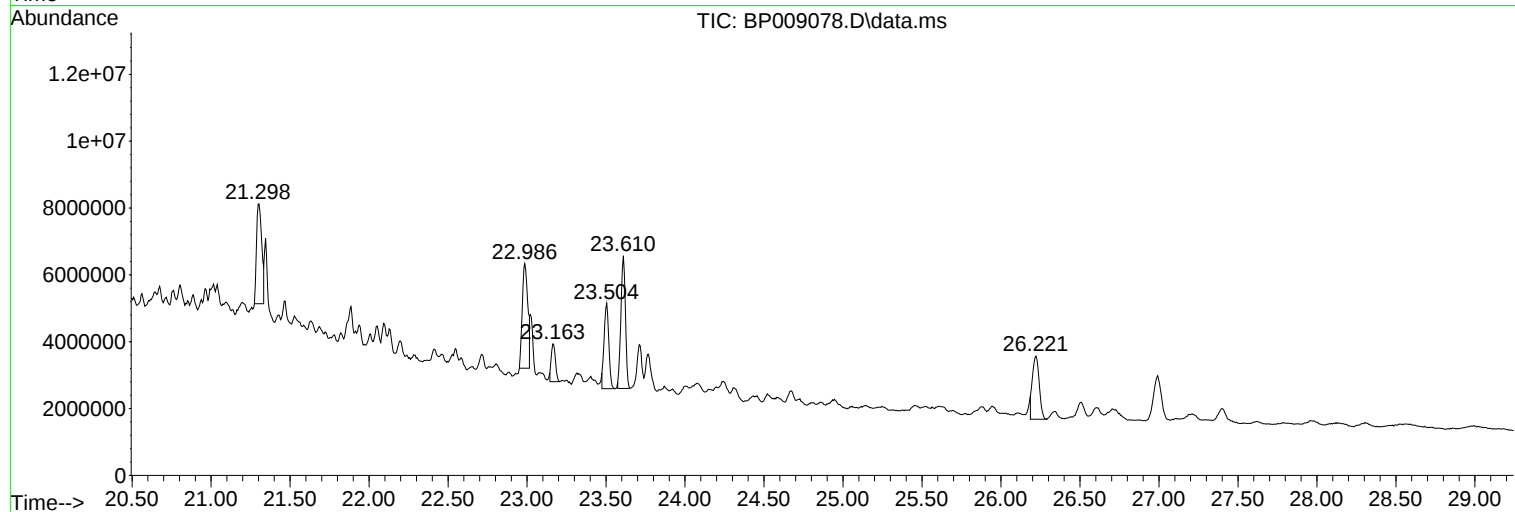
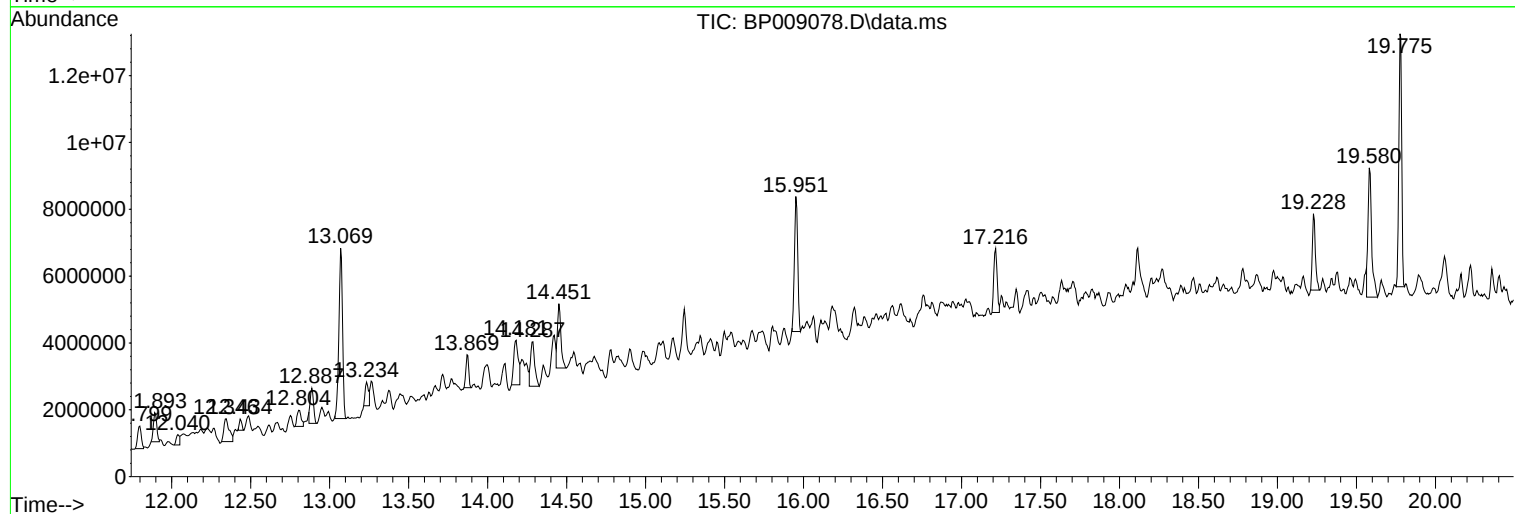
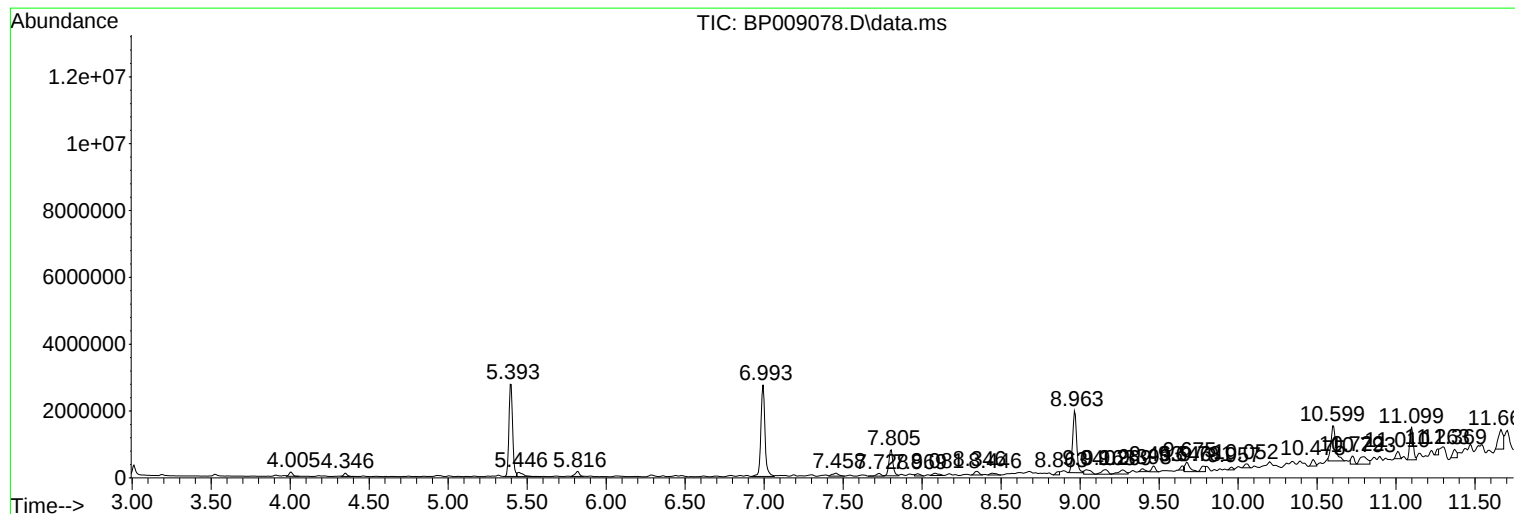
Sum of corrected areas: 115592674

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

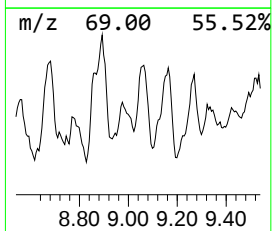
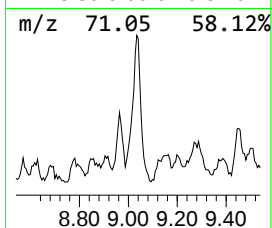
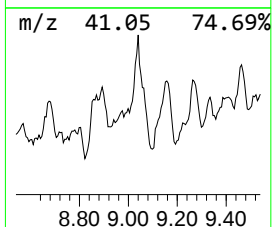
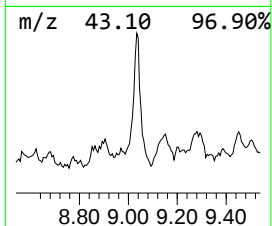
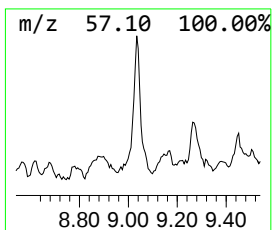
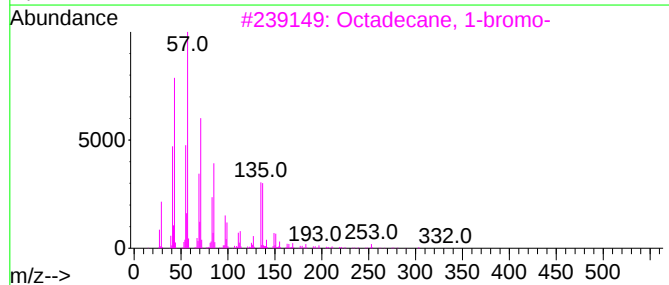
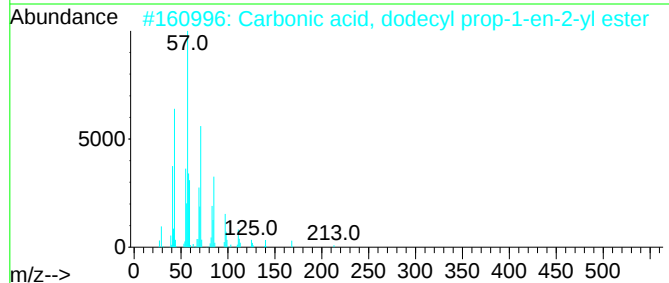
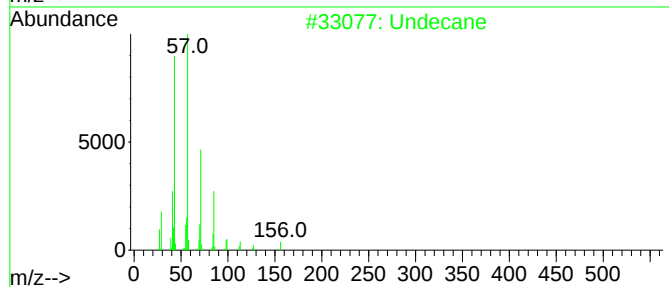
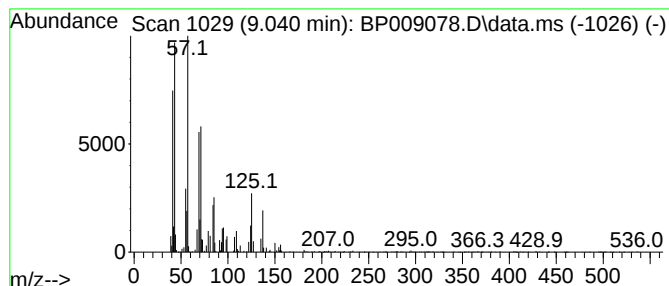
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown9.040 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.040	5.28 ng	370683	1,4-Dichlorobenzene-d4	7.805

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	46
2			Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	35
3			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	30
4			Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	30
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

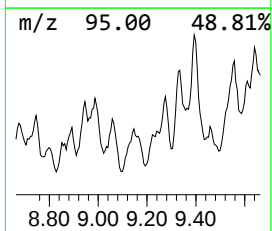
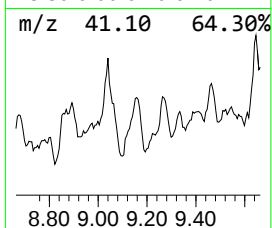
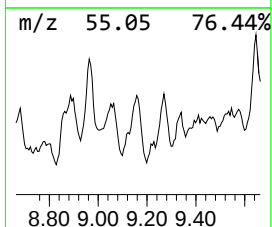
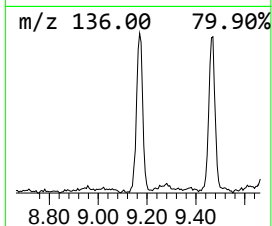
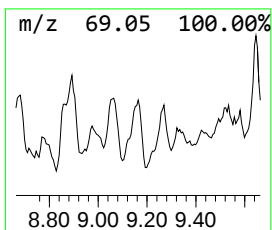
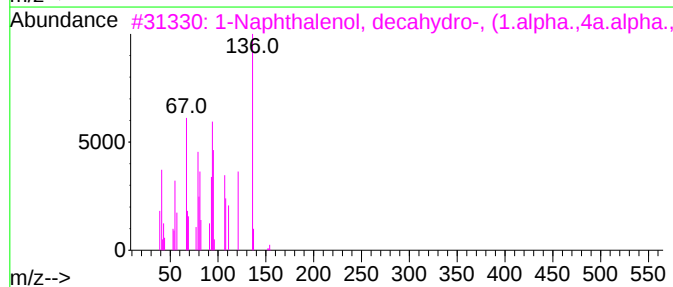
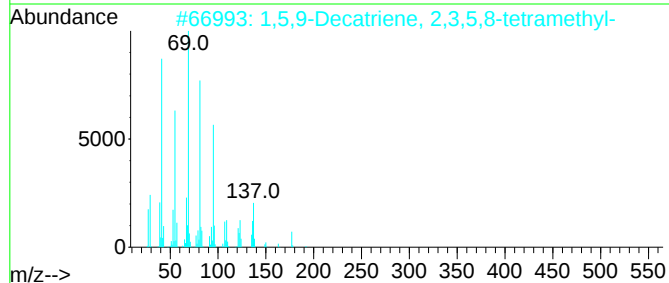
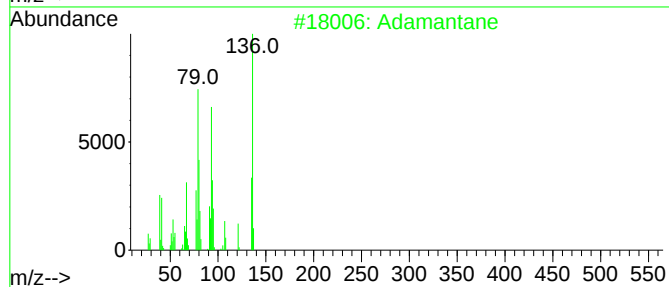
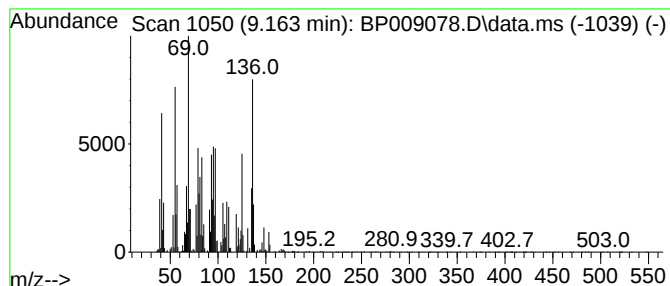
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Adamantane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	5.55 ng	389832	1,4-Dichlorobenzene-d4	7.805

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	78
2			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	27
3			1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	25
4			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	18
5			3,5-Dimethylanisole	136	C9H12O	000874-63-5	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

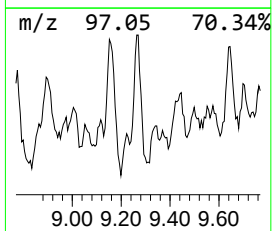
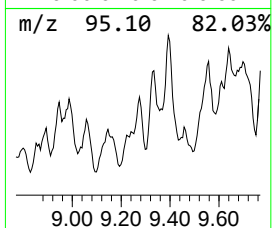
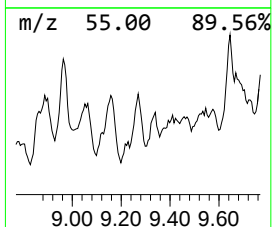
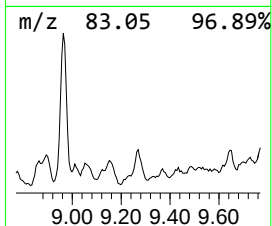
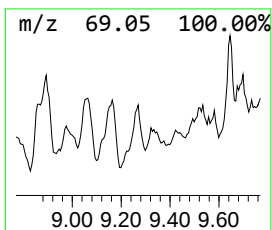
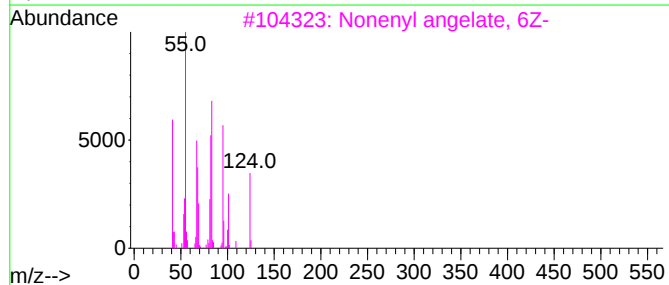
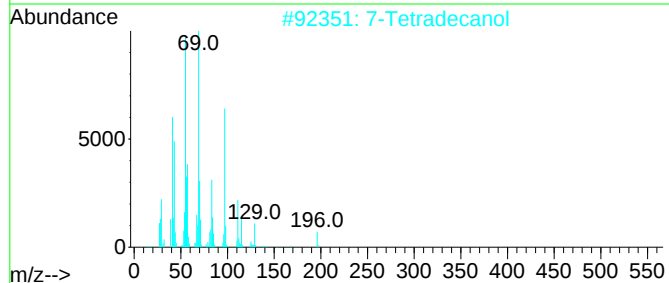
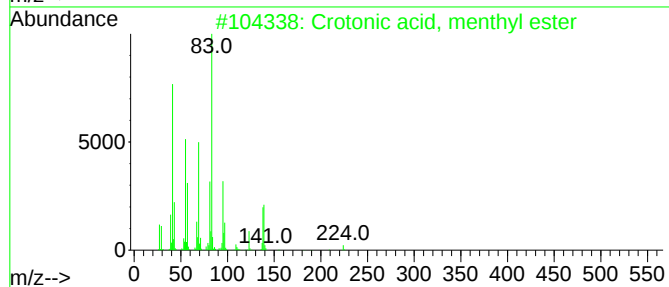
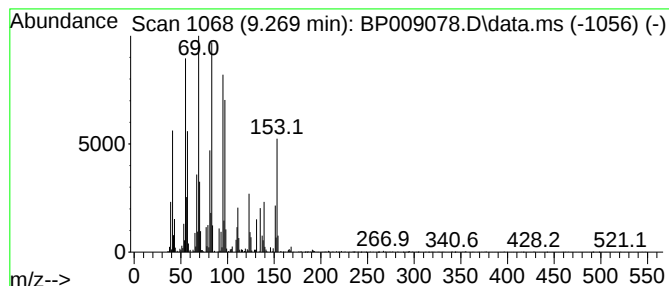
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.269 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	3.55 ng	395605	Naphthalene-d8	10.605

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Crotonic acid, menthyl ester	224	C14H24O2	114761-14-7	38
2			7-Tetradecanol	214	C14H30O	003981-79-1	25
3			Nonenyl angelate, 6Z-	224	C14H24O2	1000383-61-3	22
4			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	14
5			Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

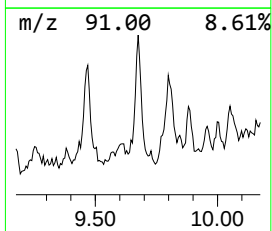
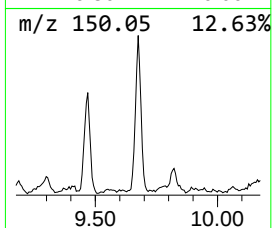
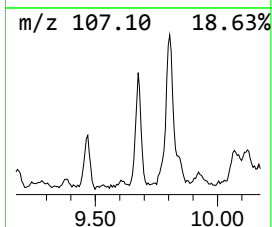
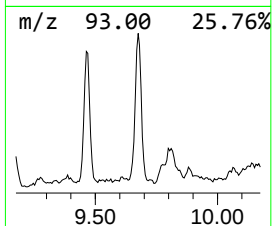
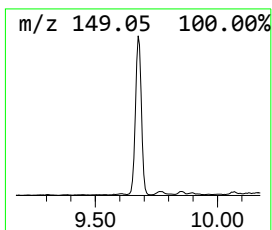
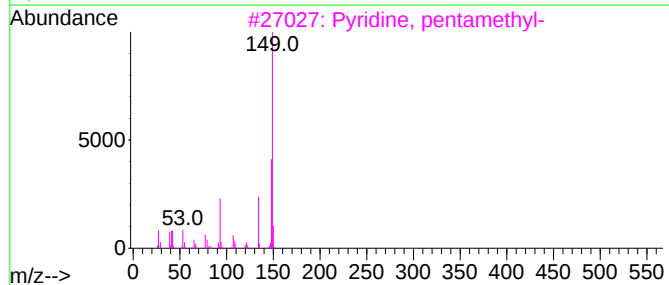
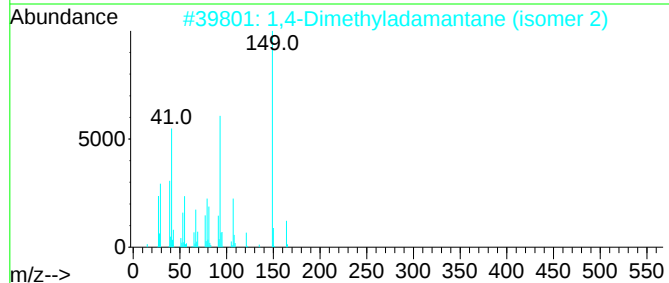
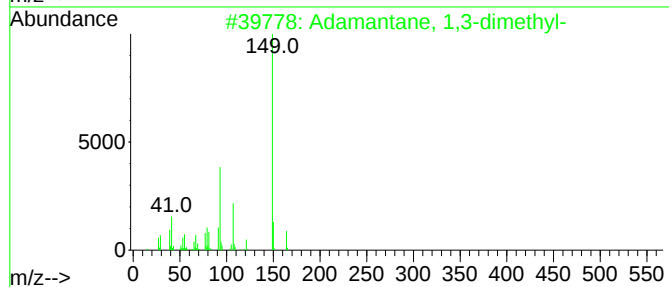
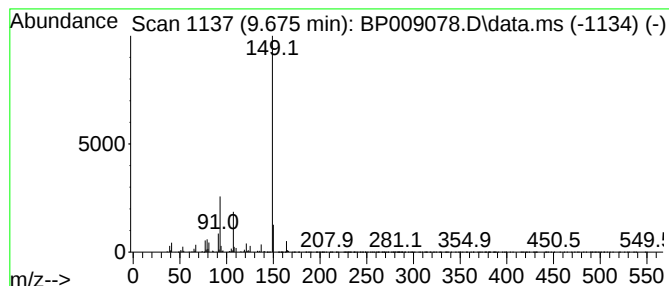
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Adamantane, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	5.25 ng	585064	Naphthalene-d8	10.605

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	60
2			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	56
3			Pyridine, pentamethyl-	149	C10H15N	003748-83-2	38
4			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	38
5			Added stereo to name	164	C12H20	024145-89-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

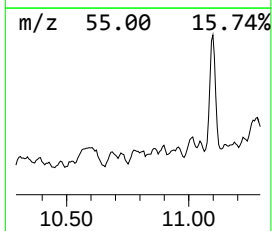
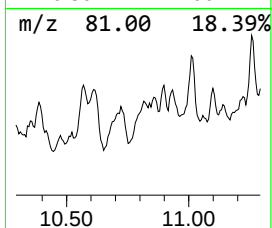
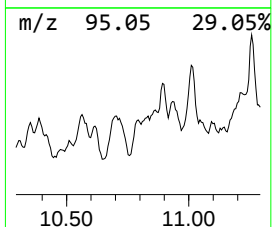
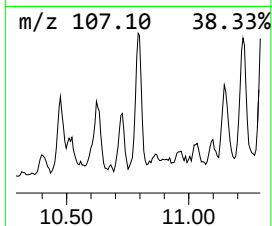
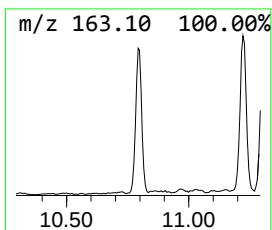
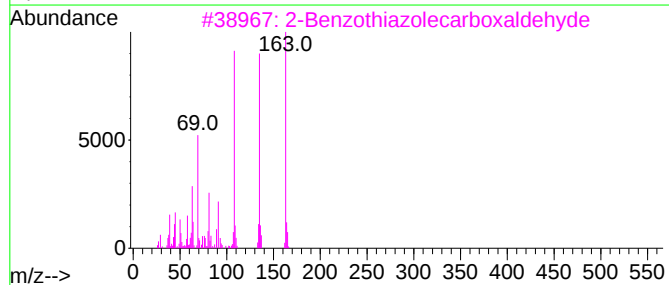
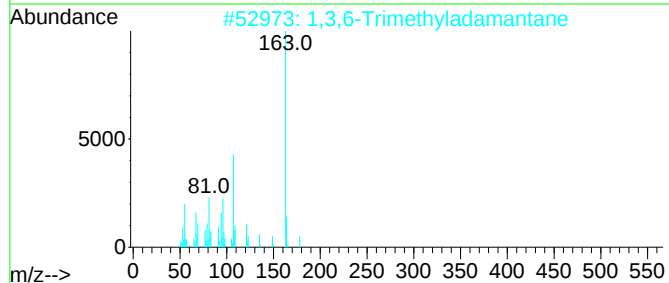
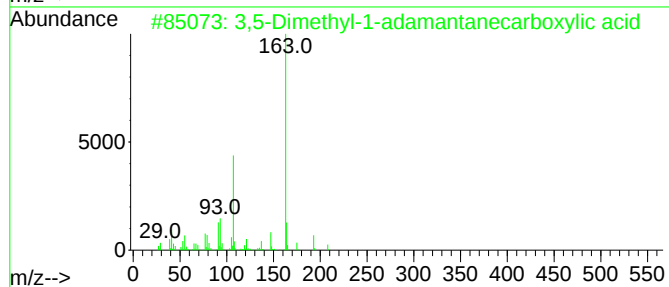
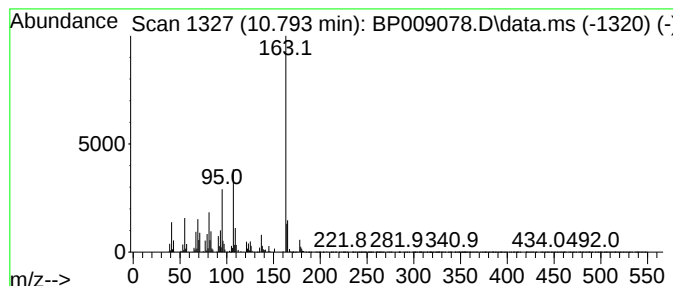
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3,5-Dimethyl-1-adamantaneca... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.793	7.11 ng	792871	Naphthalene-d8	10.605	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanecarboxy...	208	C13H20O2	014670-94-1	62
2	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	59
3	2-Benzothiazolecarboxaldehyde	163	C8H5NOS	006639-57-2	47
4	1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	45
5	1,3-Dimethyl-5-n-propyl-adamantane	206	C15H26	019385-87-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

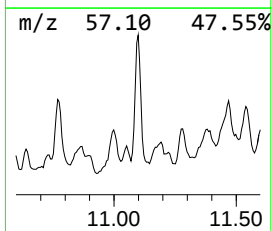
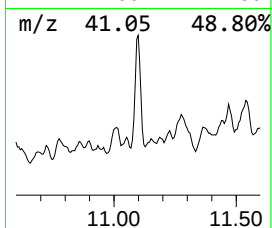
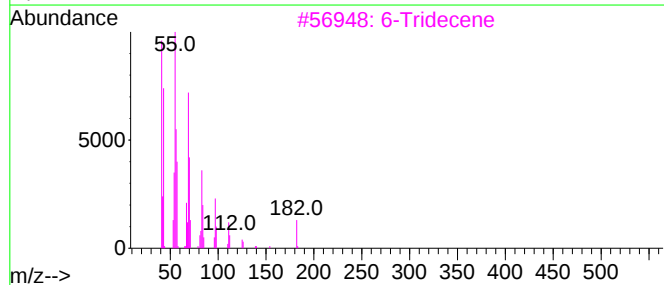
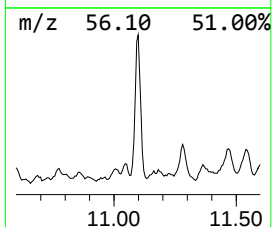
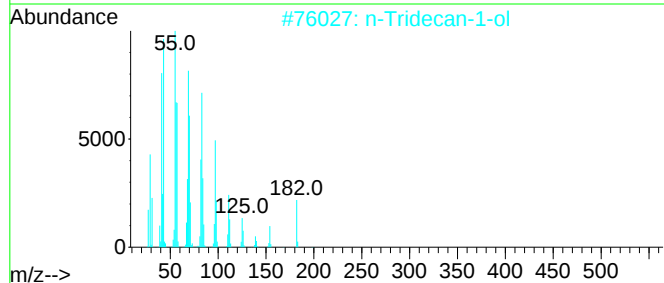
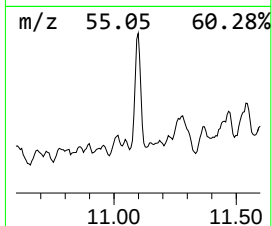
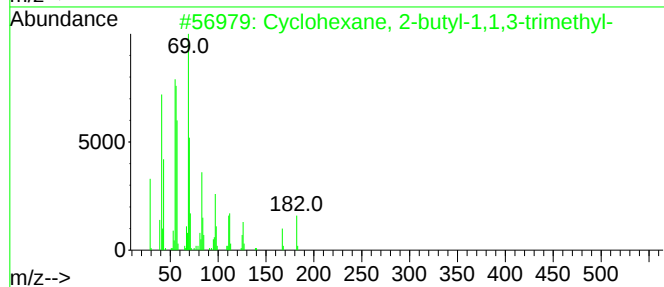
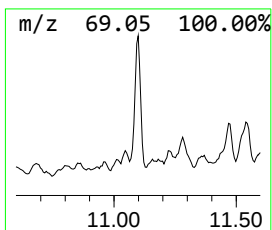
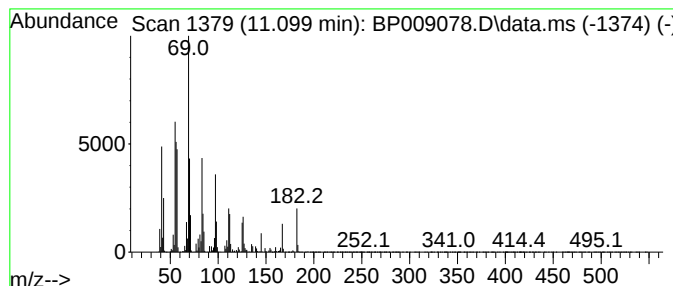
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	13.55 ng	1510570	Naphthalene-d8	10.605

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2		n-Tridecan-1-ol	200	C13H28O	000112-70-9	58
3		6-Tridecene	182	C13H26	024949-38-0	55
4		4-Nonene, 5-butyl-	182	C13H26	007367-38-6	46
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

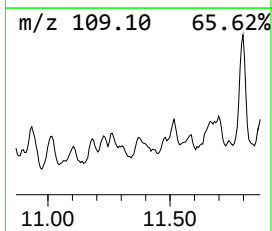
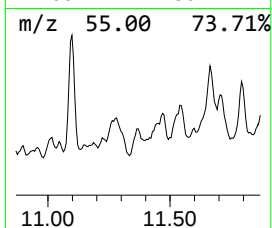
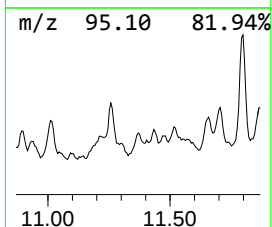
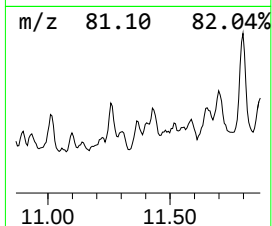
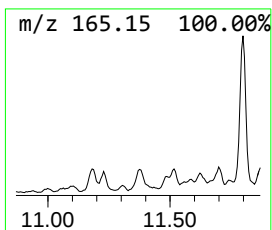
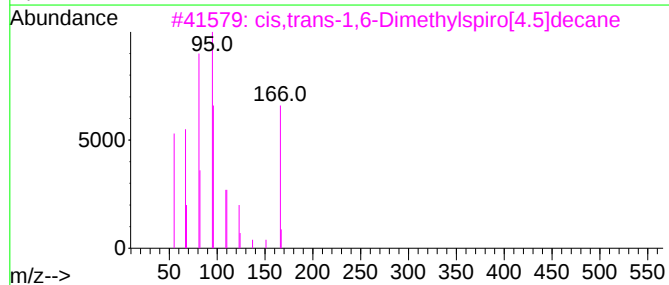
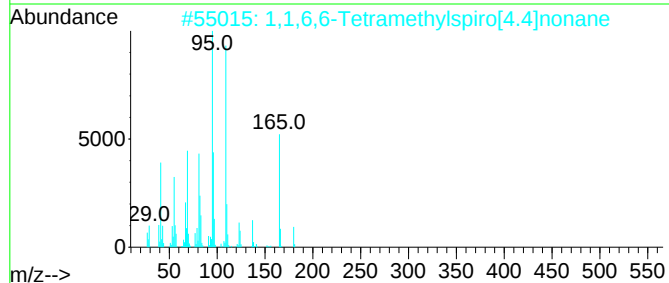
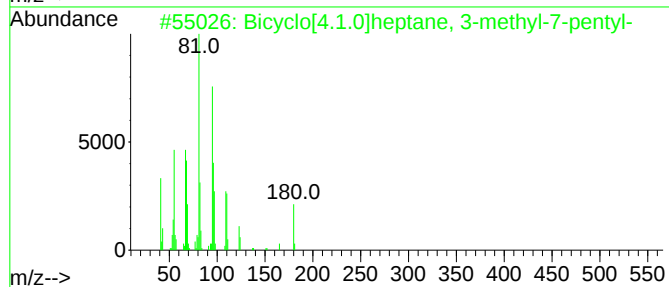
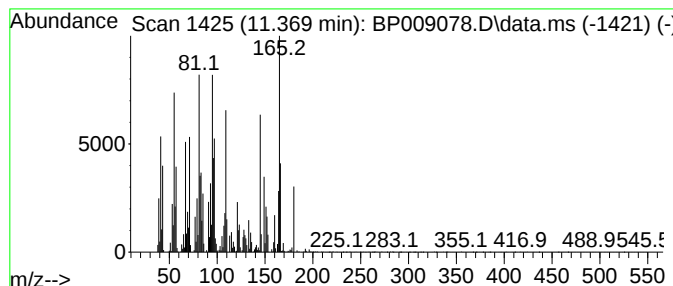
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[4.1.0]heptane, 3-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.369	3.80 ng	423645	Naphthalene-d8	10.605	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	55
2	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	55
3	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	50
4	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	38
5	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

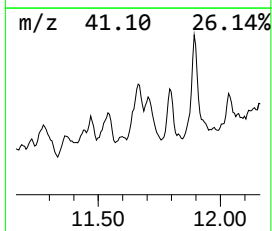
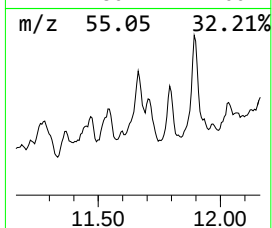
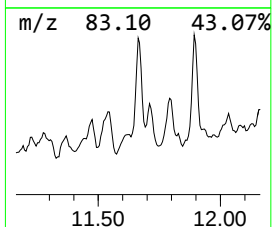
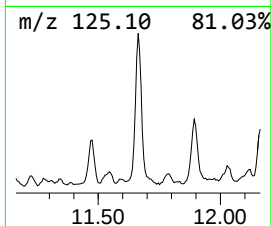
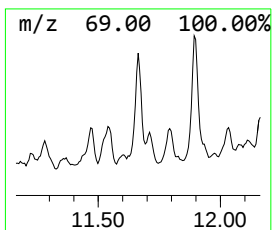
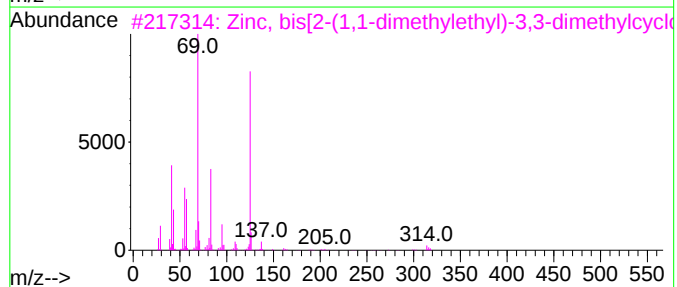
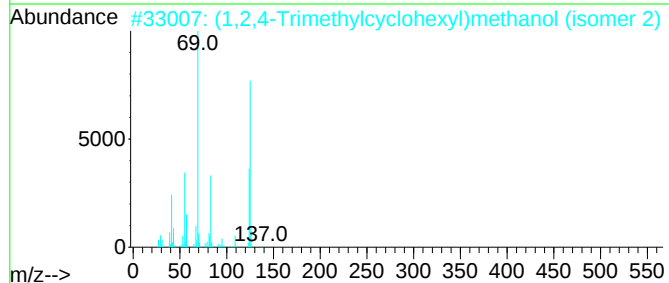
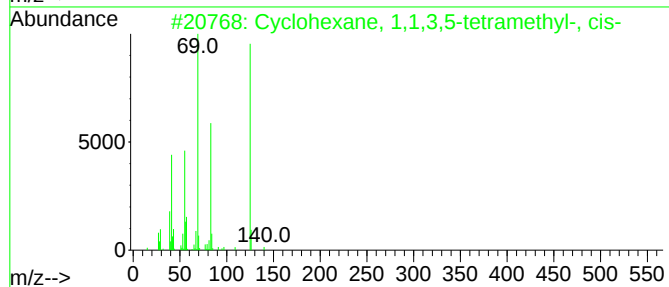
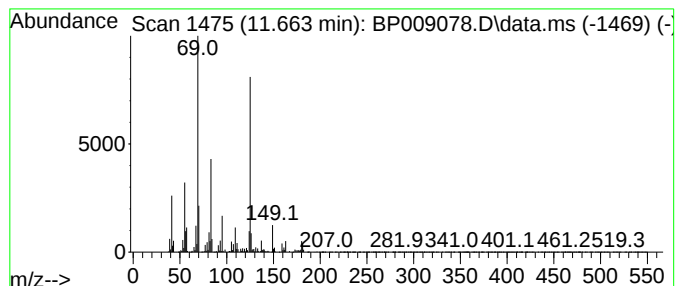
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.663	11.14 ng	1242160	Naphthalene-d8	10.605	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	76
2	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H200	1000499-03-9	64
3	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	56
4	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H200	1000499-03-8	53
5	(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

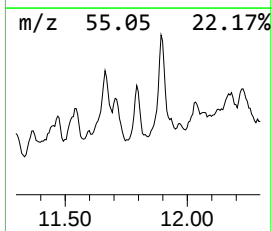
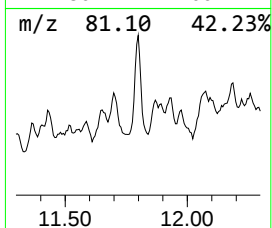
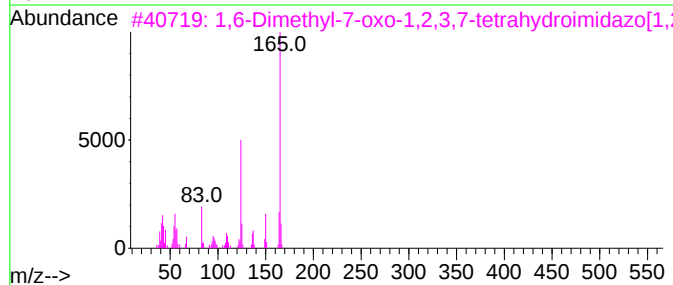
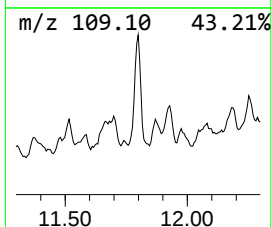
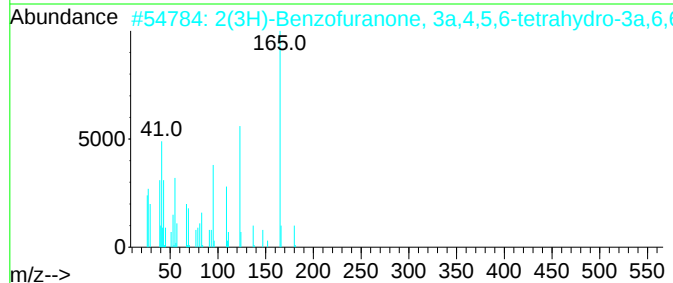
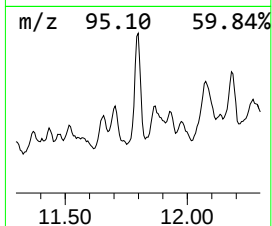
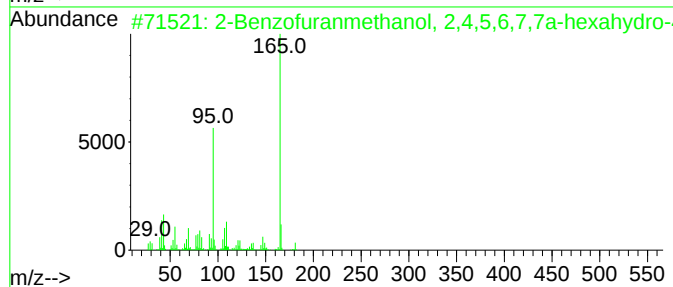
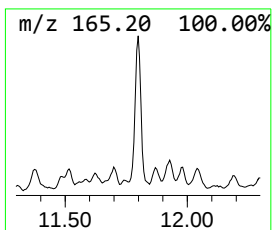
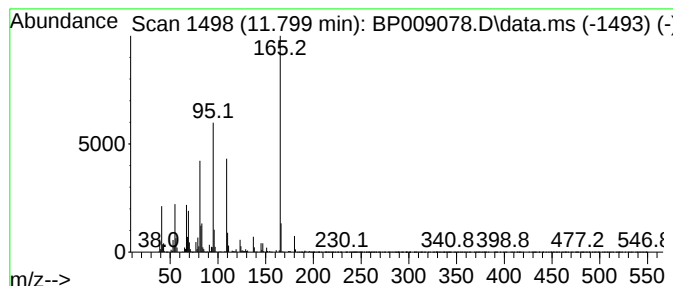
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.799 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.799	9.50 ng	1059450	Naphthalene-d8	10.605

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzofuranmethanol, 2,4,5,6,7,...	196	C12H20O2	077384-15-7	42		
2	2(3H)-Benzofuranone, 3a,4,5,6-te...	180	C11H16O2	016778-26-0	40		
3	1,6-Dimethyl-7-oxo-1,2,3,7-tetra...	165	C8H11N3O	026955-09-9	35		
4	2-Methyl-5-benzothiazolol	165	C8H7NOS	068867-14-1	35		
5	3-Methoxy-7-methyl-7H-pirazolo[4...	165	C6H7N5O	037526-58-2	32		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

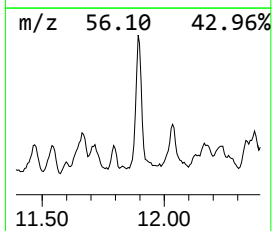
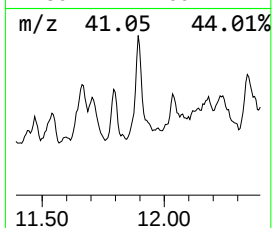
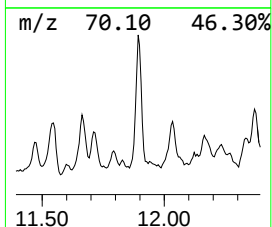
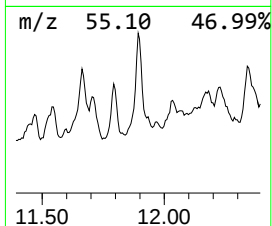
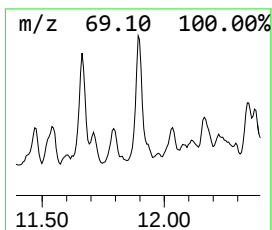
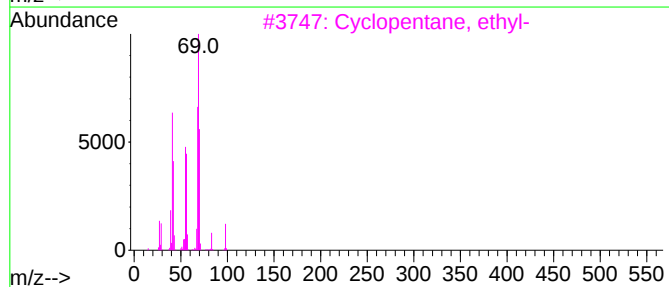
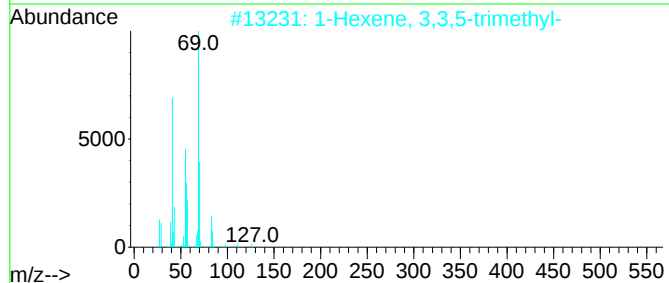
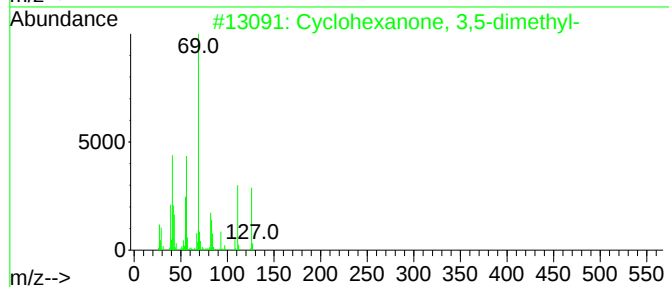
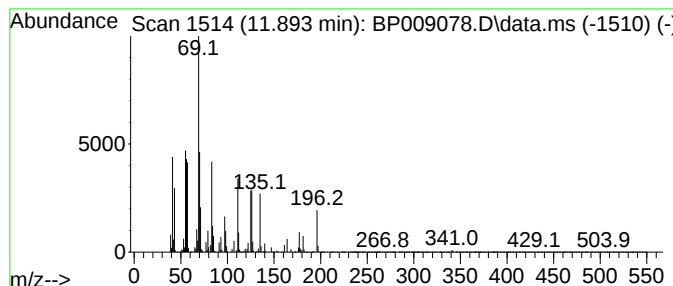
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.893 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.893	11.59 ng	1291560	Naphthalene-d8	10.605	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	46
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

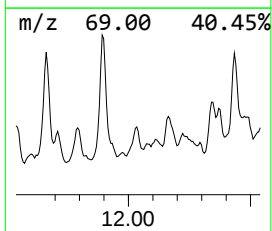
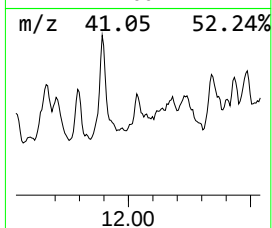
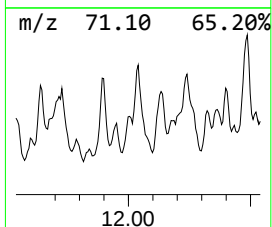
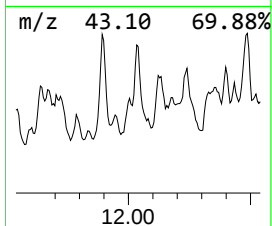
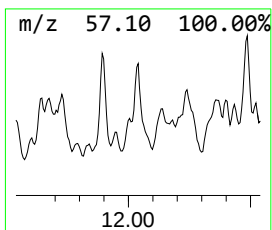
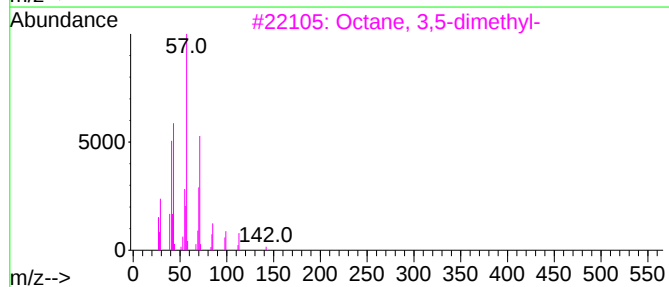
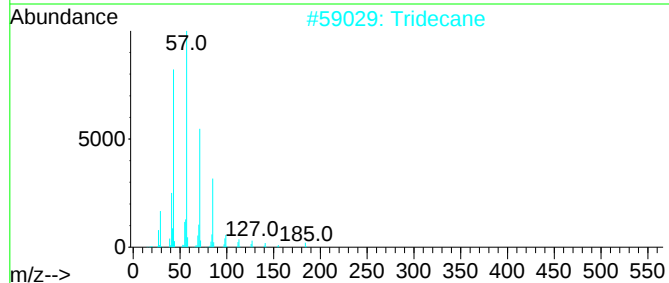
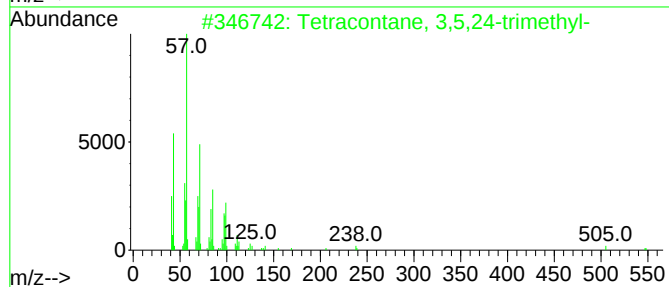
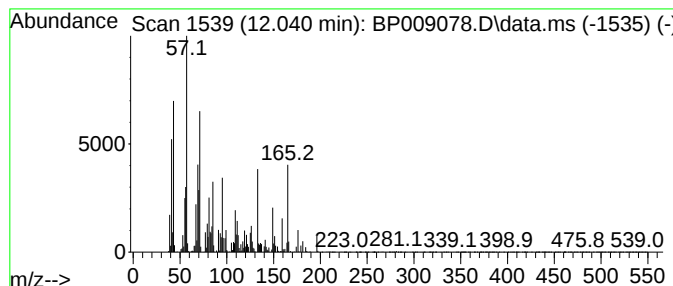
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.040 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	4.35 ng	484650	Naphthalene-d8	10.605

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	14
2		Tridecane	184	C13H28	000629-50-5	11
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	11
4		3,4-dimethyl-5-(3,4-methylenedio...	221	C12H15NO3	1000378-93-8	11
5		3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

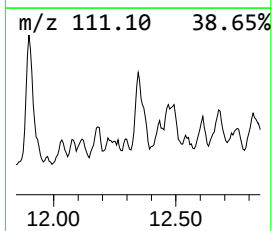
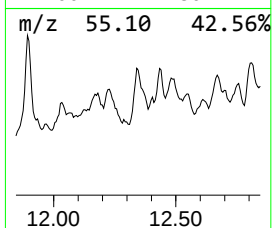
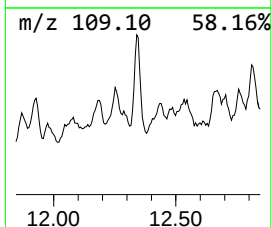
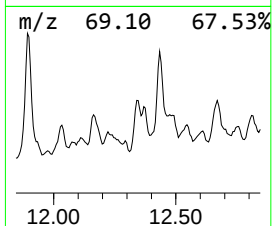
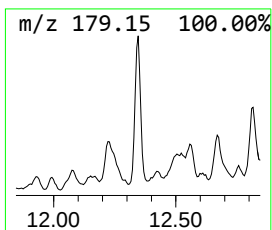
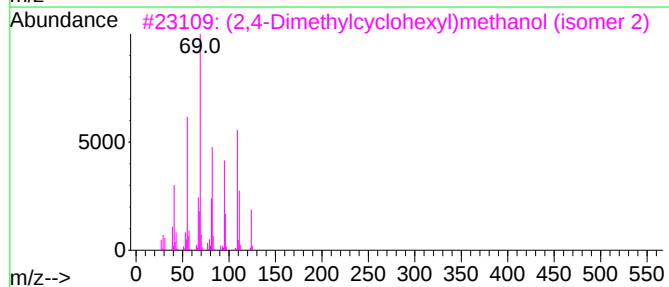
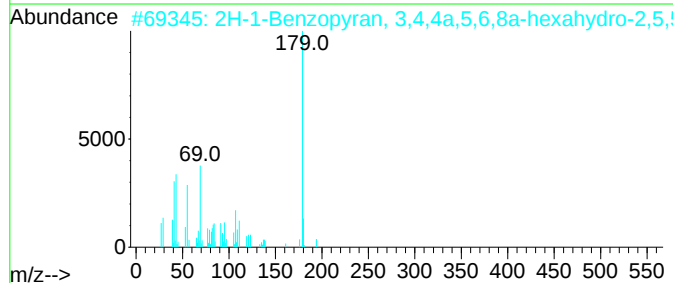
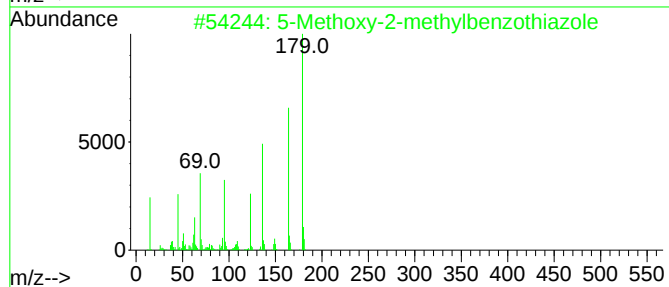
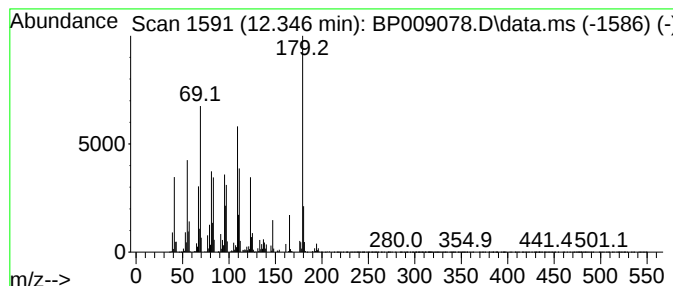
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.346 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.346	14.56 ng	1623110	Naphthalene-d8	10.605

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	38
2		2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	35
3		(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	16
4		4,4'-bi-4H-pyran, 4,4'-dimethyl-...	358	C24H38O2	1000398-45-9	14
5		2-Amino-4,6-pteridinediol	179	C6H5N5O2	005979-01-1	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

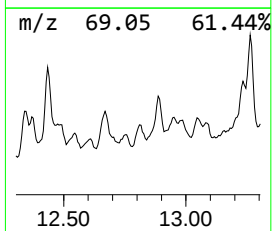
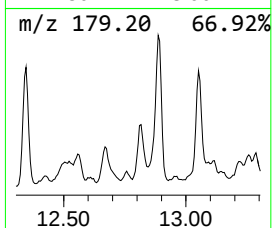
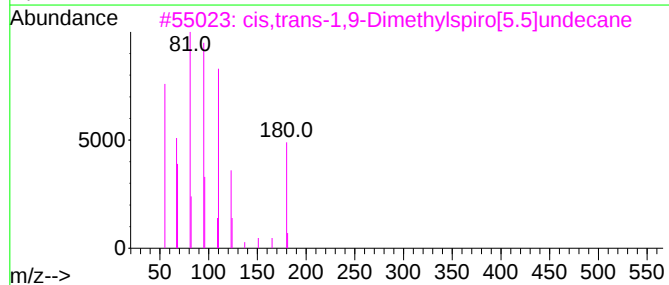
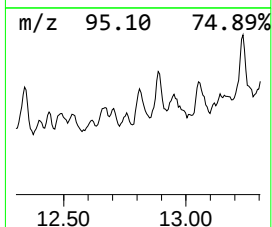
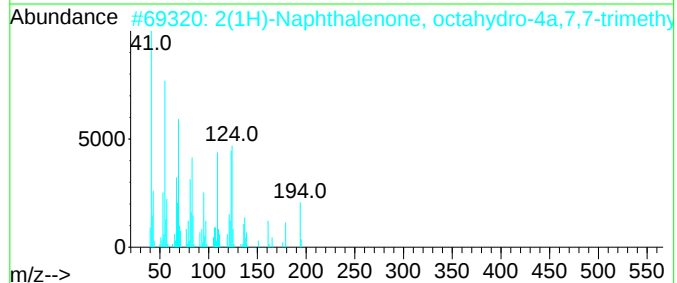
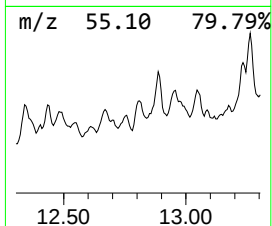
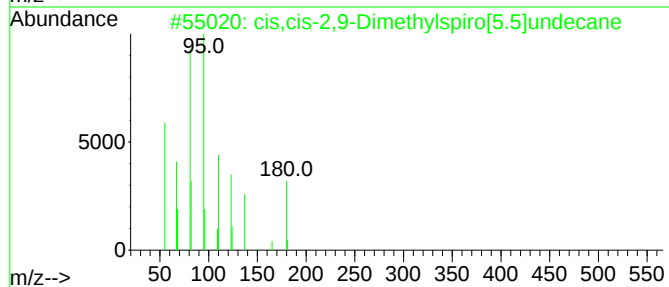
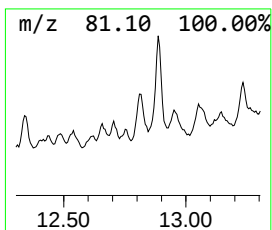
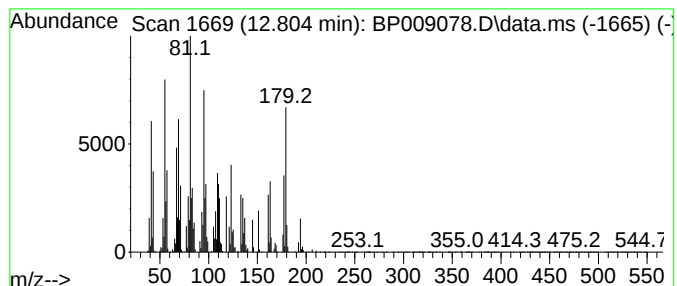
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.804 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	6.36 ng	905521	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	46
2			2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	44
3			cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	43
4			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	41
5			Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

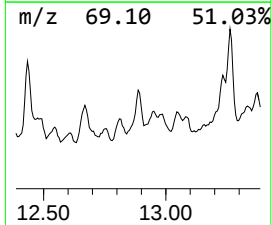
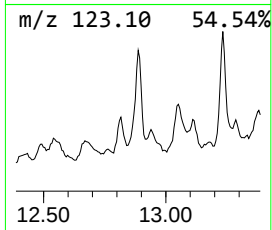
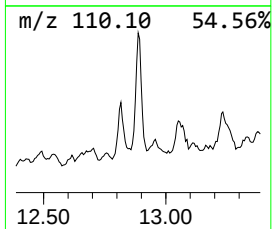
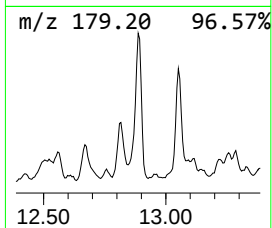
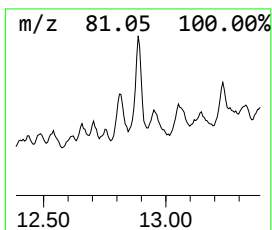
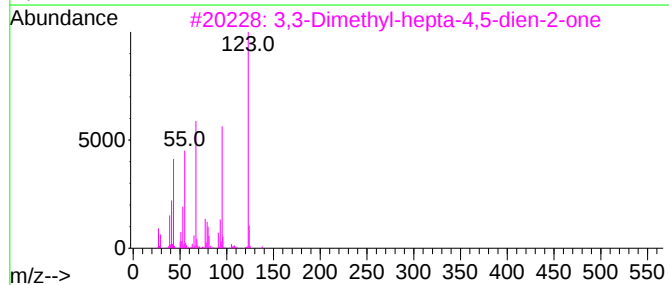
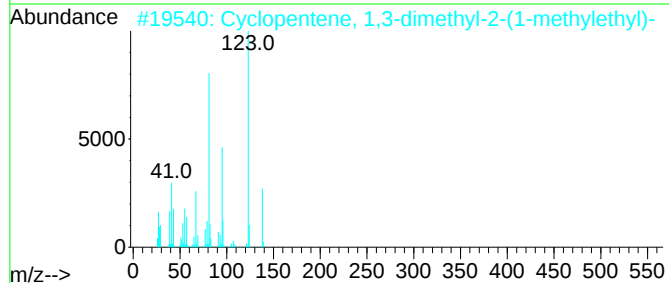
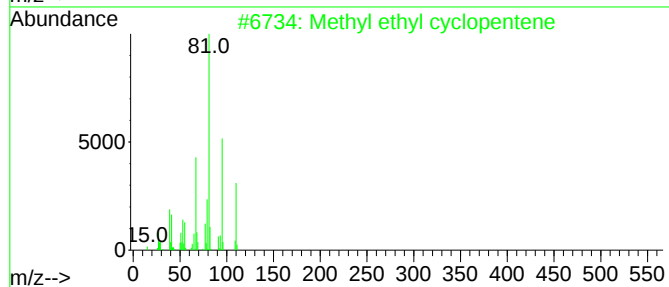
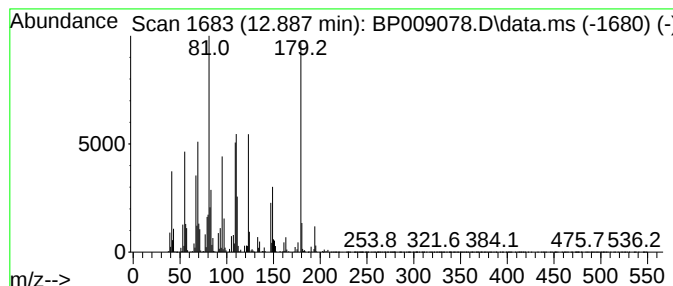
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.887 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.887	10.77 ng	1532250	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
2			Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	27
3			3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	25
4			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
5			Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

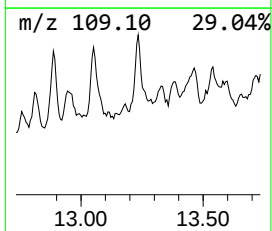
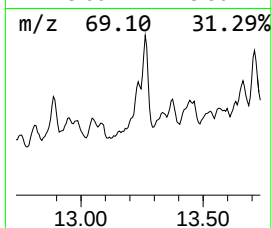
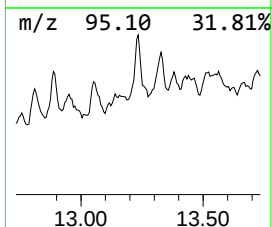
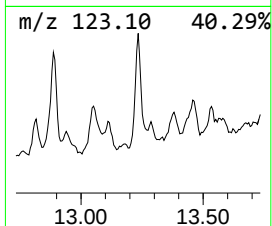
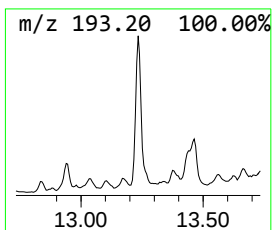
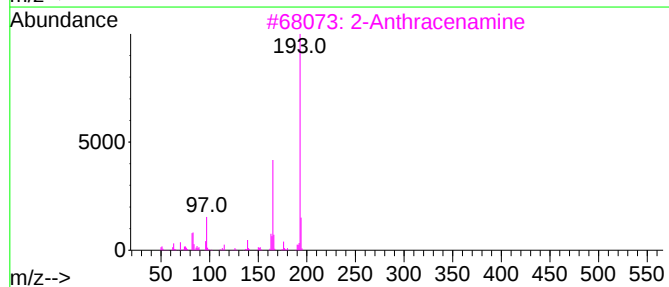
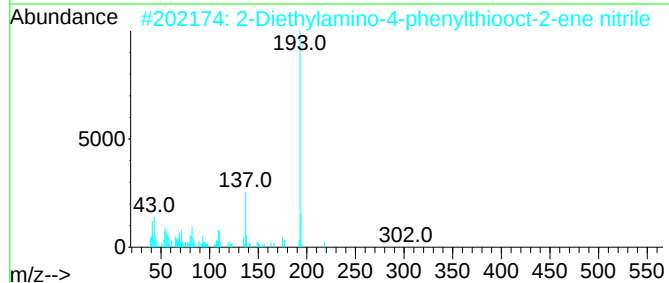
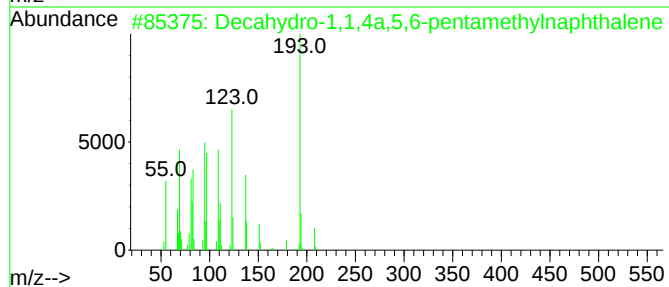
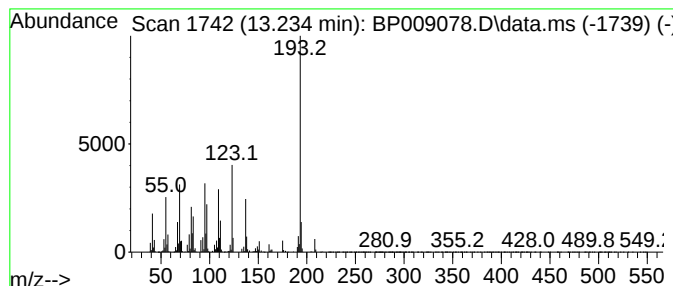
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.234	7.53 ng	1071340	Acenaphthene-d10		14.451	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	64
2	2-Diethylamino-4-phenylthiooct-2...		302	C18H26N2S	1000090-57-0	38
3	2-Anthracenamine		193	C14H11N	000613-13-8	38
4	benzoxazole, 5,6-dimethoxy-2-met...		193	C10H11NO3	1000395-98-9	35
5	s-Triazine, 2-amino-4-(morpholin...		278	C13H22N6O	021868-45-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

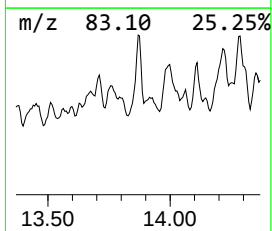
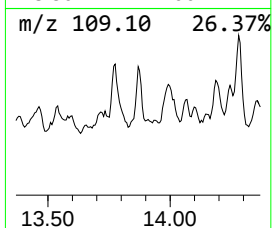
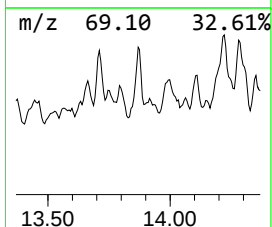
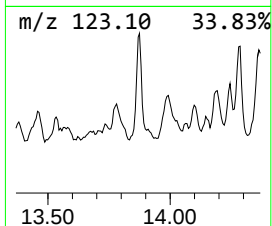
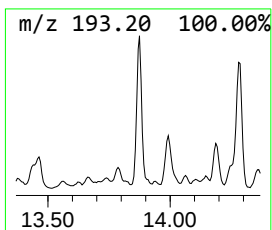
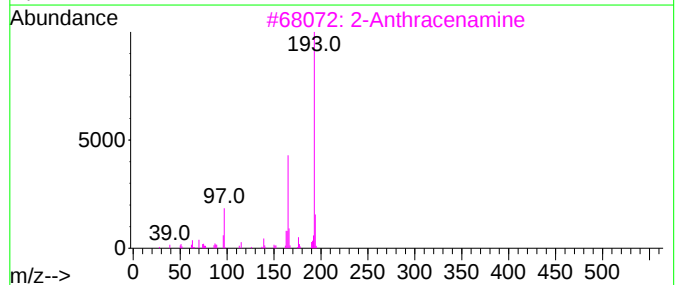
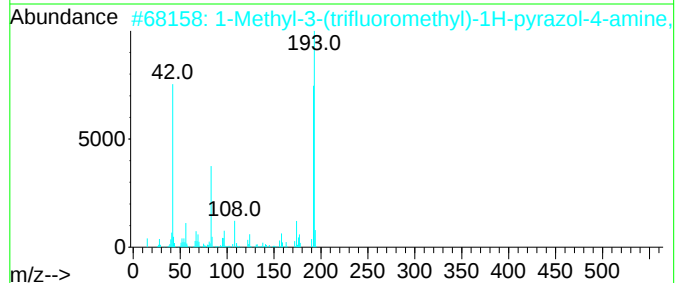
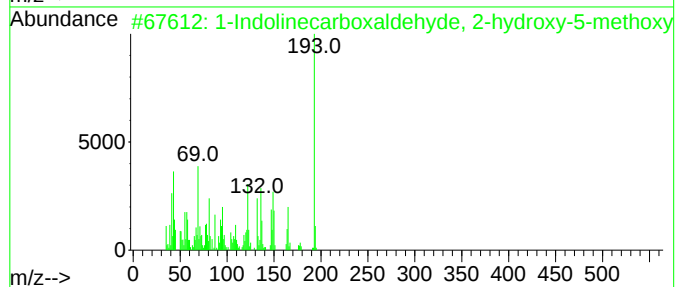
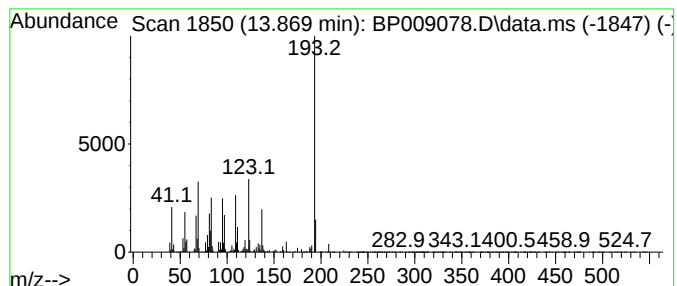
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Indolinecarboxaldehyde, 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.869	8.60 ng	1224240	Acenaphthene-d10		14.451	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Indolinecarboxaldehyde, 2-hydr...		193	C10H11NO3	013303-70-3	53
2	1-Methyl-3-(trifluoromethyl)-1H...		193	C7H10F3N3	1000511-73-1	38
3	2-Anthracenamine		193	C14H11N	000613-13-8	38
4	2-((Trimethylsilyl)thio)nicotino...		208	C9H12N2SSi	1000474-02-5	35
5	Trisiloxane, 1,1,3,3,5,5-hexamet...		208	C6H20O2Si3	001189-93-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

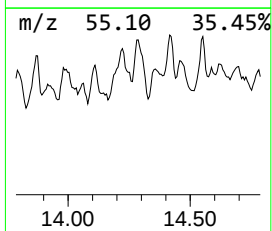
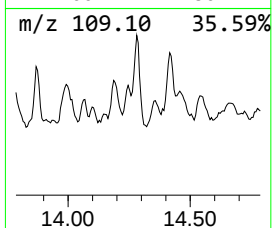
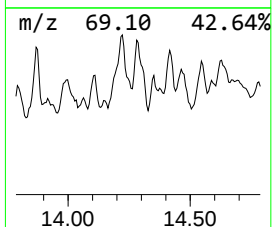
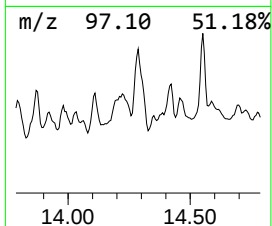
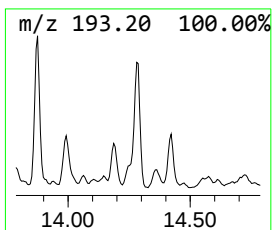
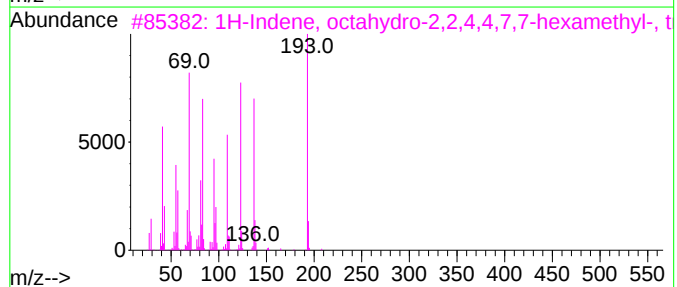
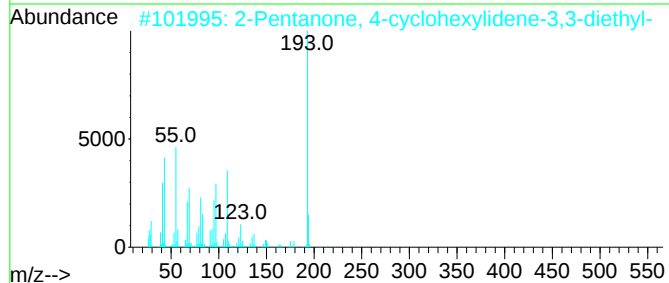
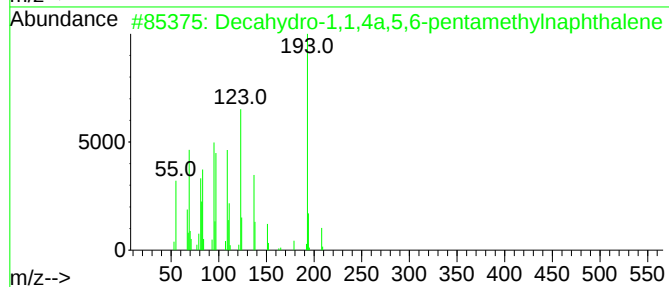
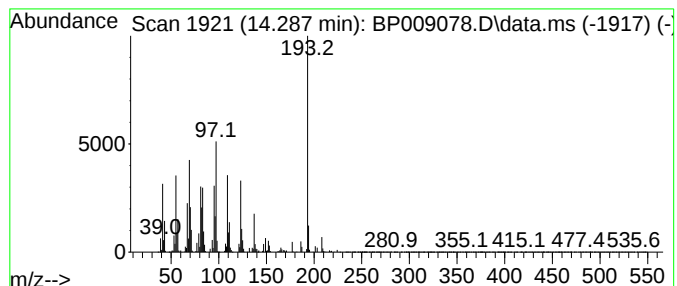
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.287 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.287	16.94 ng	2410570	Acenaphthene-d10	14.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	62
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
4		2-Phenylindolizine	193	C14H11N	025379-20-8	35
5		Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

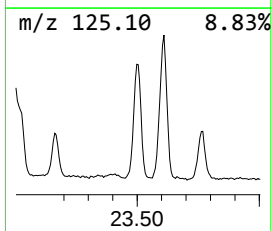
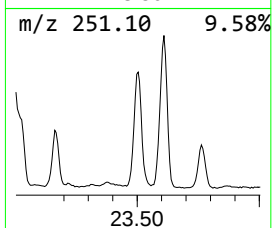
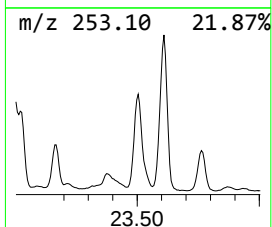
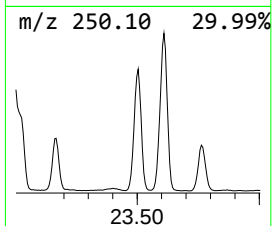
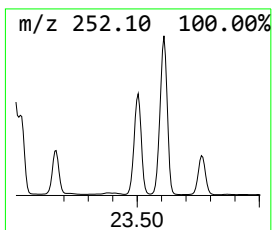
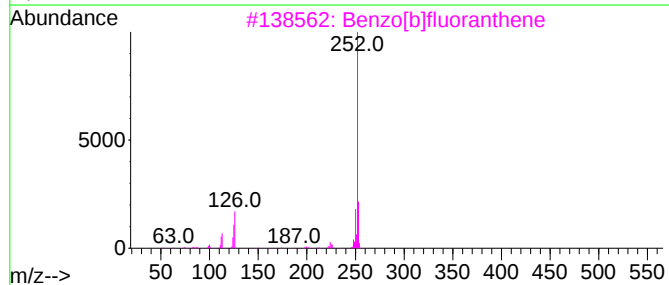
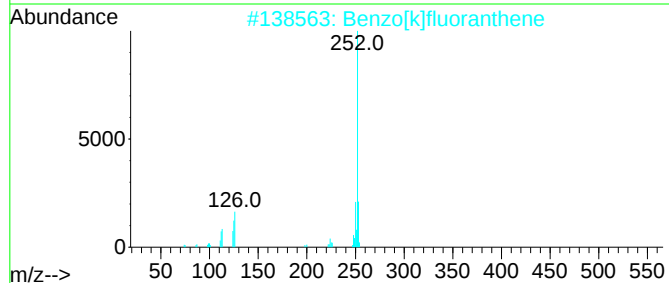
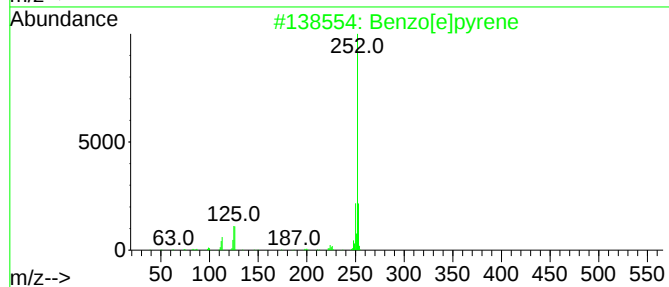
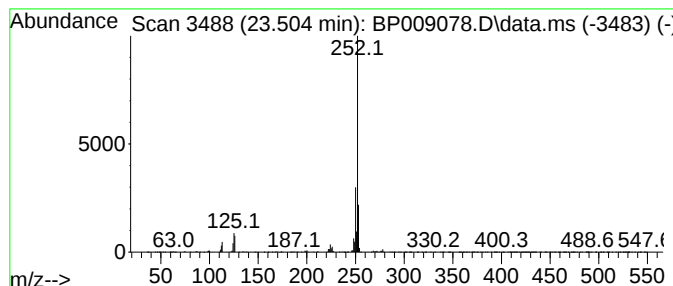
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	13.24 ng	5225230	Perylene-d12	23.715

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
unknown9.040	9.040	5.3	ng	370683	1	7.805	1405090	20.0
Adamantane	9.163	5.5	ng	389832	1	7.805	1405090	20.0
unknown9.269	9.269	3.5	ng	395605	2	10.605	2229620	20.0
Adamantane, 1,3...	9.675	5.3	ng	585064	2	10.605	2229620	20.0
3,5-Dimethyl-1-...	10.793	7.1	ng	792871	2	10.605	2229620	20.0
Cyclohexane, 2-...	11.099	13.6	ng	1510570	2	10.605	2229620	20.0
Bicyclo[4.1.0]h...	11.369	3.8	ng	423645	2	10.605	2229620	20.0
Cyclohexane, 1,...	11.663	11.1	ng	1242160	2	10.605	2229620	20.0
unknown11.799	11.799	9.5	ng	1059450	2	10.605	2229620	20.0
unknown11.893	11.893	11.6	ng	1291560	2	10.605	2229620	20.0
unknown12.040	12.040	4.3	ng	484650	2	10.605	2229620	20.0
unknown12.346	12.346	14.6	ng	1623110	2	10.605	2229620	20.0
unknown12.804	12.804	6.4	ng	905521	3	14.451	2846310	20.0
unknown12.887	12.887	10.8	ng	1532250	3	14.451	2846310	20.0
Decahydro-1,1,4...	13.234	7.5	ng	1071340	3	14.451	2846310	20.0
1-Indolinecarbo...	13.869	8.6	ng	1224240	3	14.451	2846310	20.0
unknown14.287	14.287	16.9	ng	2410570	3	14.451	2846310	20.0
Benzo[e]pyrene	23.504	13.2	ng	5225230	6	23.715	7895600	20.0