

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123602.D
 Acq On : 16 Apr 2021 20:45
 Operator : JU/CG
 Sample : M2034-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P1679

Integration Parameters: rteint.p

Integrator: RTE

Smoother: 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_F\METHODS\8270-BF041521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	14	rVB	5971014	7648003	100.00%	15.344%
2	2.957	143	148	157	rVB	114571	190377	2.49%	0.382%
3	5.069	500	507	510	rBV2	85424	105845	1.38%	0.212%
4	5.493	575	579	585	rBV	696146	592398	7.75%	1.189%
5	6.516	748	753	758	rBV2	570773	865127	11.31%	1.736%
6	6.692	776	783	789	rBV	204180	218133	2.85%	0.438%
7	6.869	809	813	816	rBV	2056377	1687712	22.07%	3.386%
8	7.422	898	907	911	rBV	965170	860157	11.25%	1.726%
9	7.516	919	923	927	rBV3	73669	109707	1.43%	0.220%
10	8.010	1004	1007	1011	rVB	113977	84593	1.11%	0.170%
11	8.057	1011	1015	1019	rBV	137348	148276	1.94%	0.297%
12	8.151	1026	1031	1035	rBV	2551366	2242274	29.32%	4.499%
13	8.310	1054	1058	1060	rBV	127566	120634	1.58%	0.242%
14	8.498	1086	1090	1094	rBV5	57042	81094	1.06%	0.163%
15	9.033	1179	1181	1185	rBV4	51442	83330	1.09%	0.167%
16	9.122	1190	1196	1199	rBV6	86413	162631	2.13%	0.326%
17	9.181	1203	1206	1210	rVB	243293	216848	2.84%	0.435%
18	9.228	1210	1214	1218	rBV	1370098	1240748	16.22%	2.489%
19	9.275	1219	1222	1224	rBV	304185	212333	2.78%	0.426%
20	9.316	1224	1229	1233	rBV2	303488	462179	6.04%	0.927%
21	9.351	1233	1235	1239	rVV2	95169	108320	1.42%	0.217%
22	9.469	1252	1255	1256	rBV3	84534	98113	1.28%	0.197%
23	9.581	1271	1274	1279	rVB	866912	835493	10.92%	1.676%
24	9.628	1279	1282	1286	rBV2	773246	1050557	13.74%	2.108%
25	9.728	1295	1299	1305	rBV5	360105	559618	7.32%	1.123%
26	9.786	1305	1309	1311	rBV2	368503	448308	5.86%	0.899%
27	9.828	1314	1316	1318	rVB	478556	354132	4.63%	0.710%
28	9.916	1327	1331	1334	rVB	2919683	2556197	33.42%	5.128%
29	10.110	1362	1364	1367	rVB3	242833	205467	2.69%	0.412%
30	10.175	1373	1375	1379	rBV3	288197	264883	3.46%	0.531%
31	10.239	1383	1386	1387	rBV3	232136	249367	3.26%	0.500%
32	10.286	1392	1394	1398	rBV4	235916	274074	3.58%	0.550%
33	10.328	1398	1401	1403	rBV2	696717	640792	8.38%	1.286%
34	10.575	1439	1443	1446	rBV	980182	959057	12.54%	1.924%
35	10.839	1484	1488	1491	rBV	2729554	2679927	35.04%	5.377%
36	11.310	1564	1568	1574	rVB	3921198	3715279	48.58%	7.454%

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Smoothing : ON

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

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

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37	11.410	1581	1585	1589	rBV	2200212	2357763	30.83%	4.730%
38	11.657	1625	1627	1630	rBV	1054364	988294	12.92%	1.983%
39	11.945	1672	1676	1678	rBV2	1417675	1513396	19.79%	3.036%
40	12.392	1749	1752	1758	rVB	3225463	3181162	41.59%	6.382%
41	12.721	1806	1808	1811	rBV2	578628	489394	6.40%	0.982%
42	12.792	1818	1820	1823	rVB	710199	687602	8.99%	1.380%
43	12.992	1851	1854	1858	rVB2	1219005	1124243	14.70%	2.256%
44	13.474	1933	1936	1940	rVB	601160	689244	9.01%	1.383%
45	13.616	1957	1960	1964	rBV	1892522	1754412	22.94%	3.520%
46	13.651	1964	1966	1969	rVV	330797	293026	3.83%	0.588%
47	13.904	2006	2009	2018	rVB	1035037	1366286	17.86%	2.741%
48	14.051	2030	2034	2039	rVB	1512406	1337835	17.49%	2.684%
49	14.527	2112	2115	2116	rBV	117823	98538	1.29%	0.198%
50	14.545	2116	2118	2122	rVB2	132366	138495	1.81%	0.278%
51	15.186	2224	2227	2231	rVB3	91218	100306	1.31%	0.201%
52	15.539	2282	2287	2291	rBV	950909	1180802	15.44%	2.369%
53	16.110	2379	2384	2390	rBV5	83576	211245	2.76%	0.424%

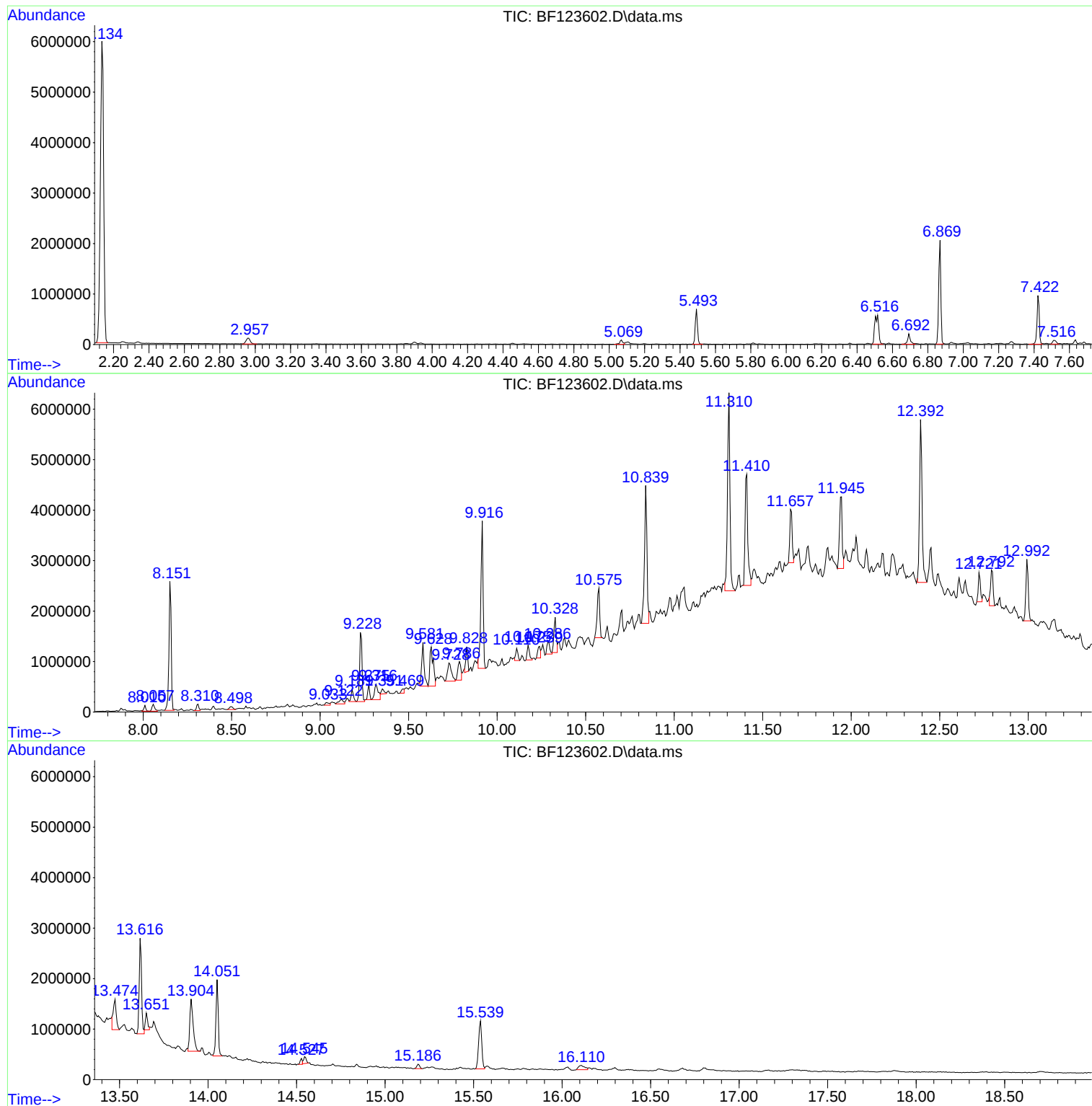
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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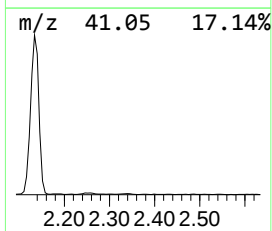
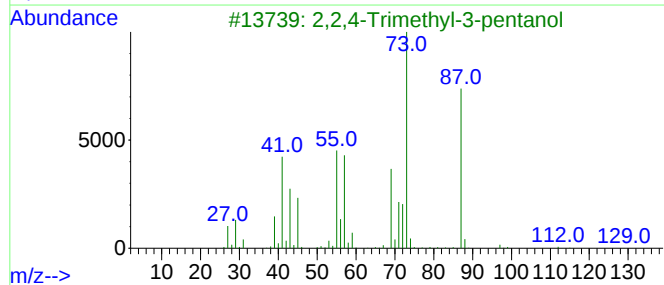
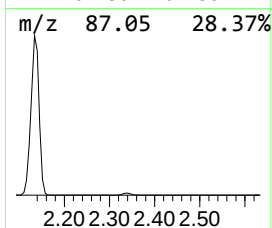
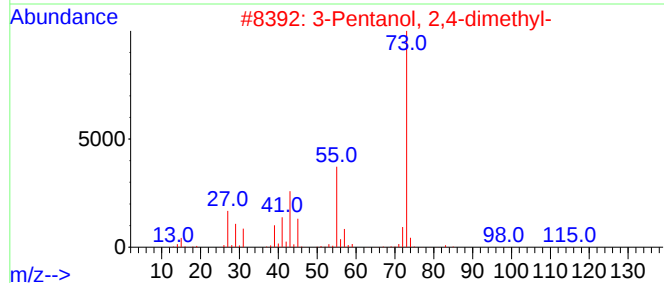
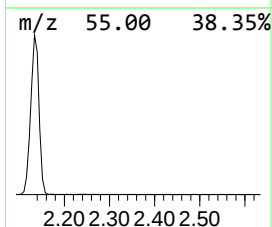
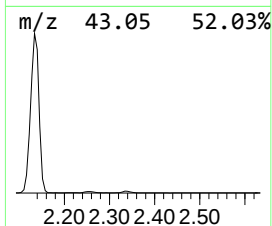
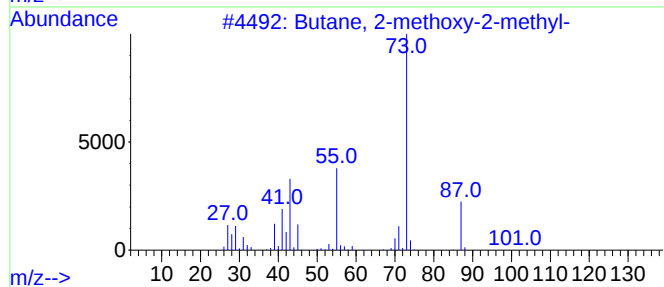
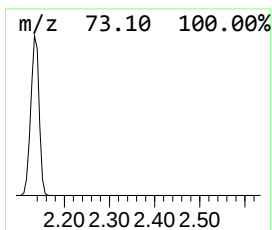
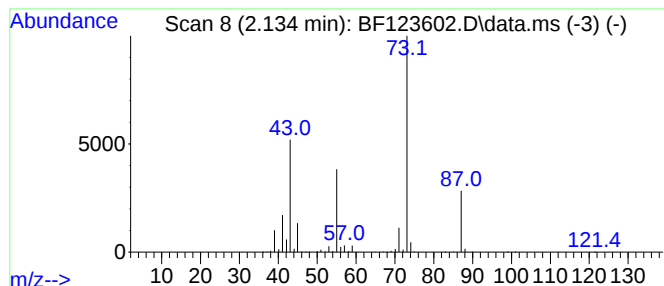
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	90.63 ng	7648000	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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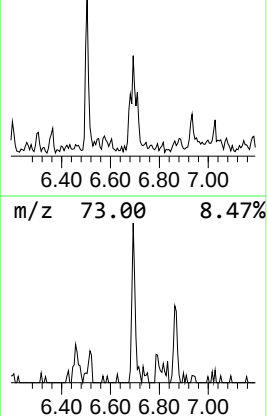
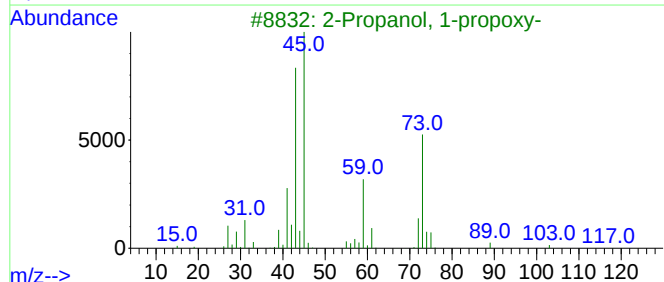
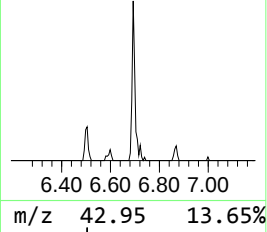
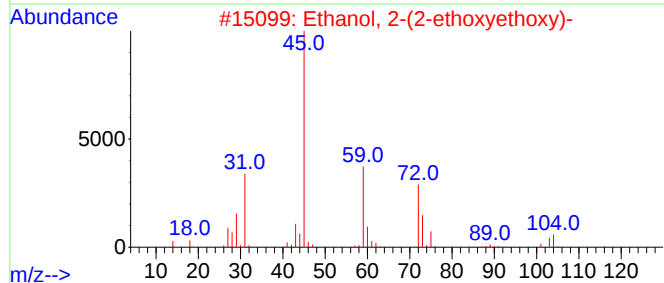
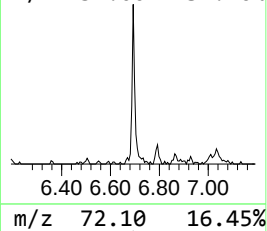
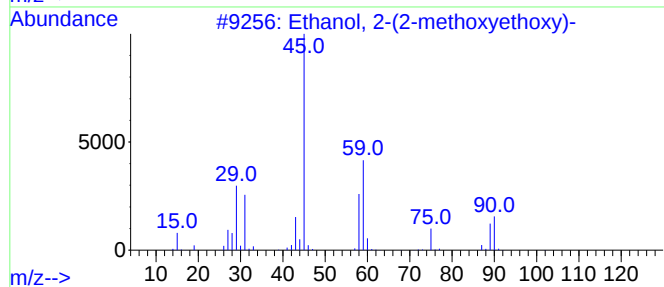
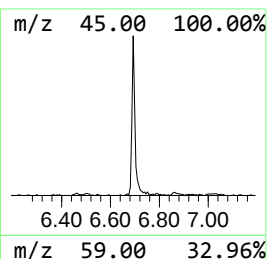
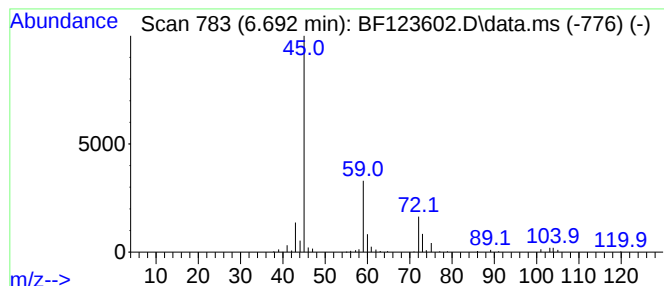
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.692	2.58 ng	218133	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
2			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	47
3			2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	40
4			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
5			Ethanol, 2-[2-(2-propenyloxy)eth...]	146	C7H14O3	015075-50-0	36



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Misc :
ALS Vial : 10 Sample Multiplier: 1

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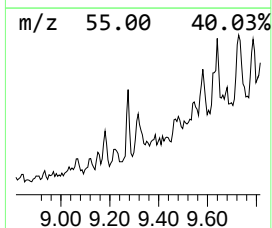
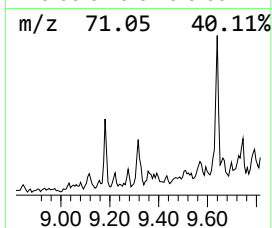
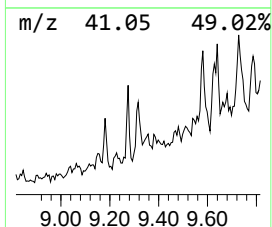
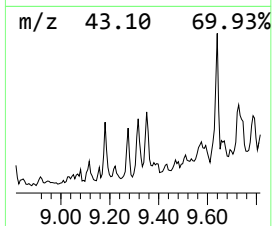
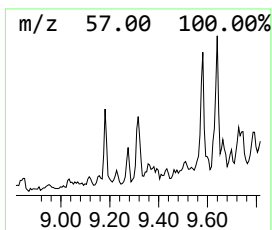
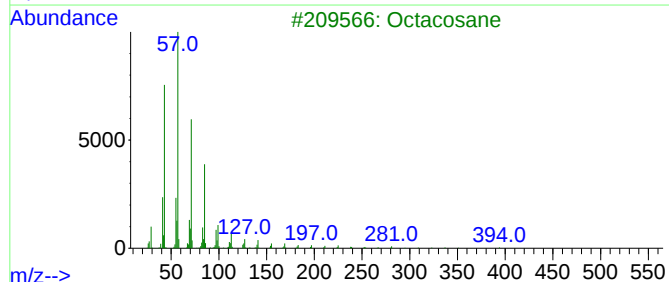
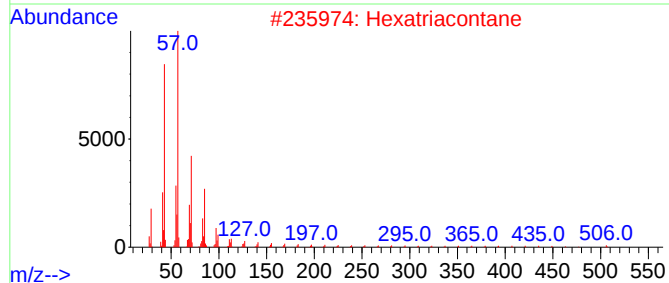
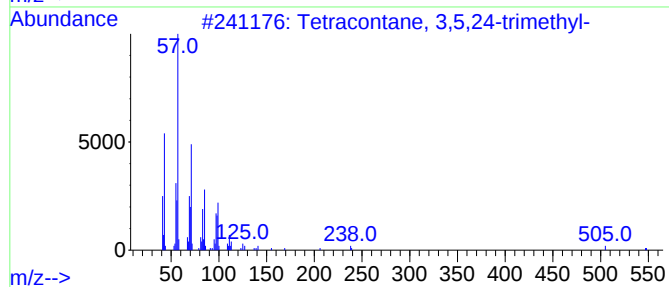
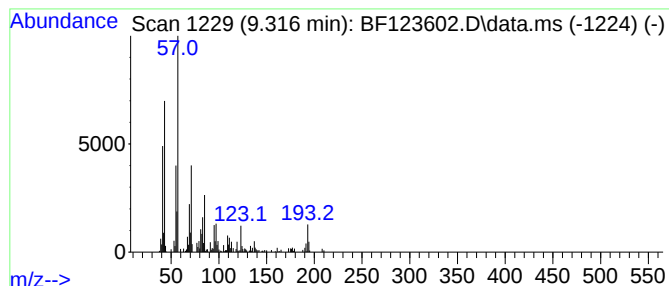
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetracontane, 3,5,24-trimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	3.62 ng	462179	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	53
2		Hexatriacontane	507	C36H74	000630-06-8	50
3		Octacosane	394	C28H58	000630-02-4	50
4		Dotriacontane	451	C32H66	000544-85-4	50
5		Hexadecane	226	C16H34	000544-76-3	49



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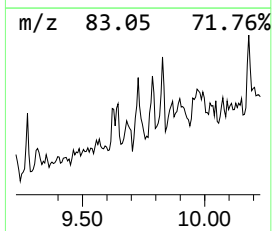
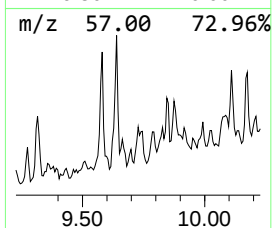
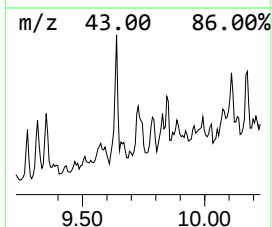
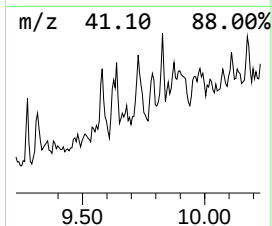
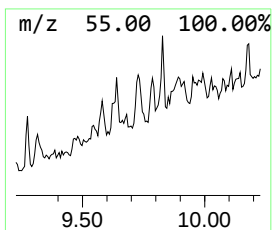
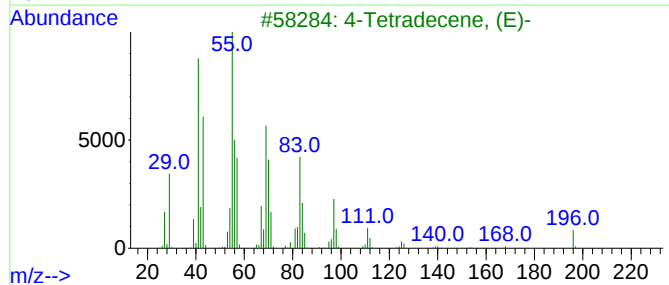
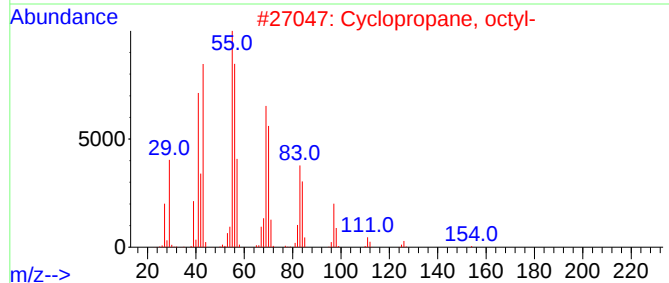
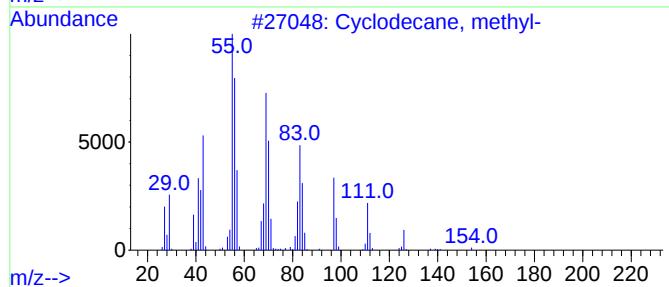
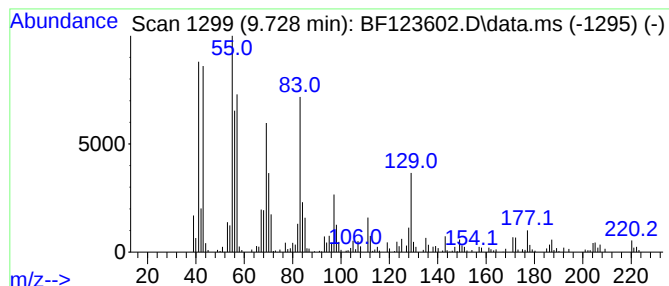
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclodecane, methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	4.38 ng	559618	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecane, methyl-	154	C11H22	013151-43-4	55
2			Cyclopropane, octyl-	154	C11H22	001472-09-9	50
3			4-Tetradecene, (E)-	196	C14H28	041446-78-0	49
4			1-Dodecene	168	C12H24	000112-41-4	49
5			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	49



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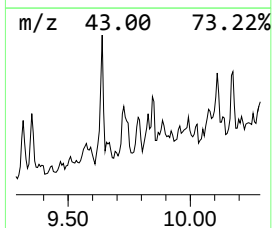
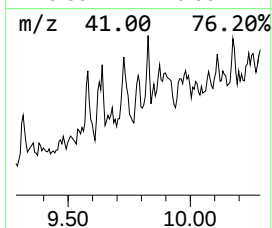
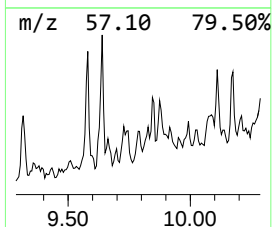
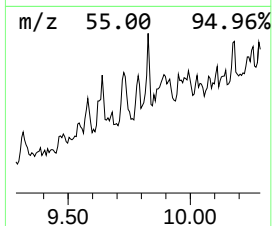
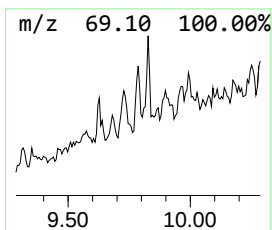
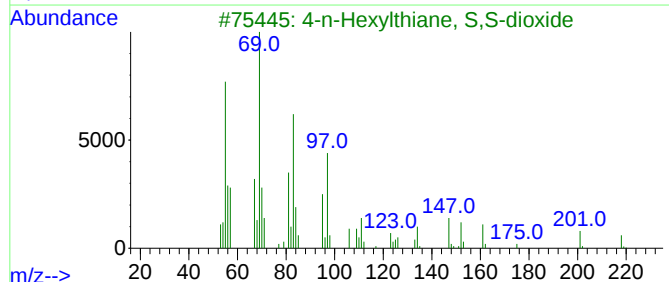
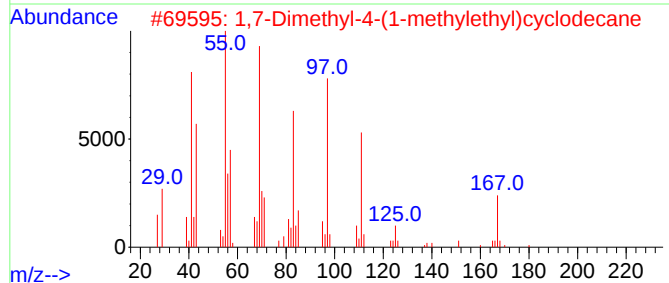
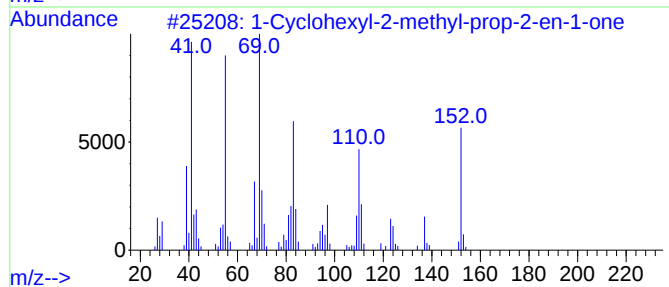
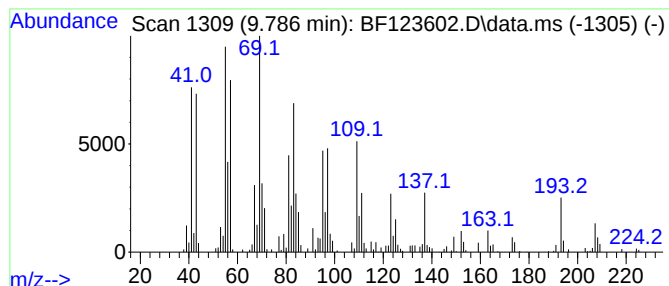
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.786 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	3.51 ng	448308	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	49
2			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
3			4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	43
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	43
5			Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-92-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
Operator : JU/CG
Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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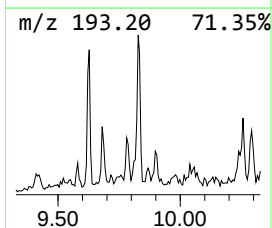
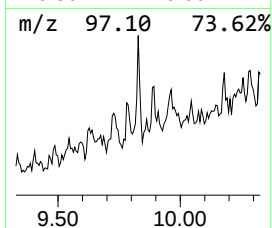
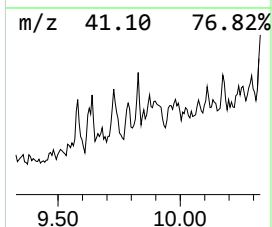
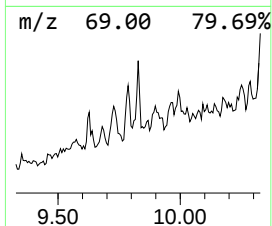
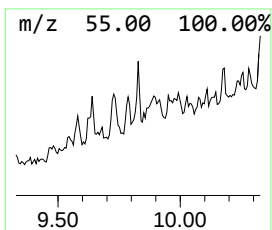
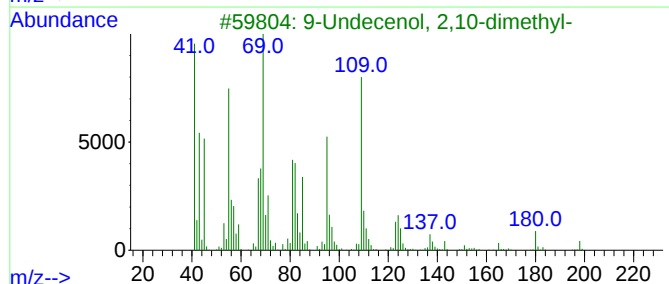
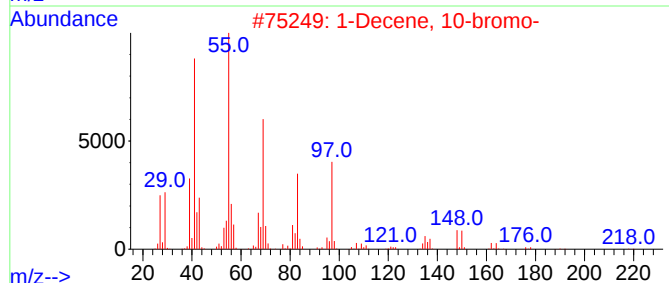
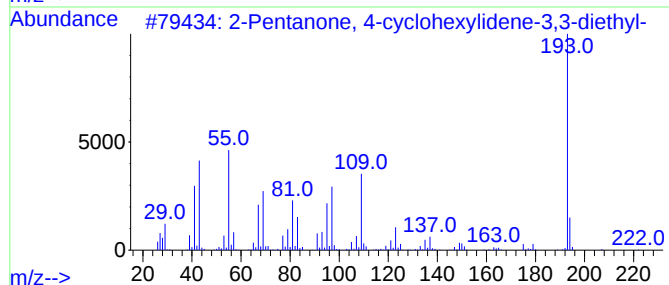
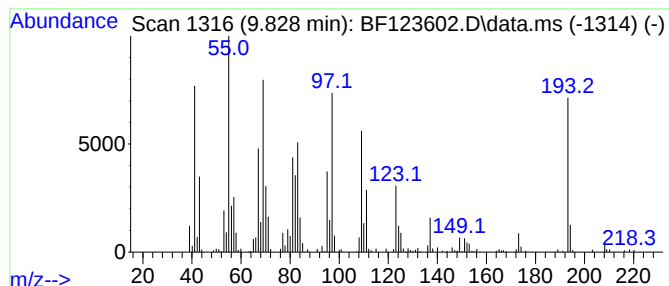
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-cyclohexylid... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	2.77 ng	354132	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2			1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	38
3			9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	35
4			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
5			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054823-97-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
Operator : JU/CG
Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

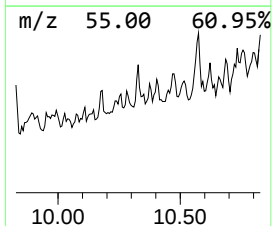
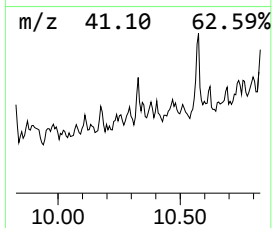
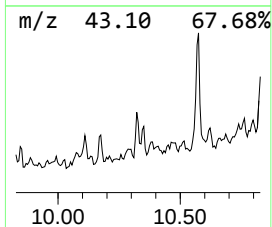
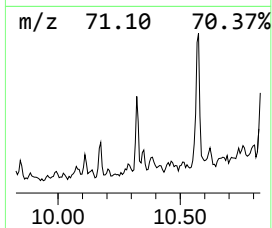
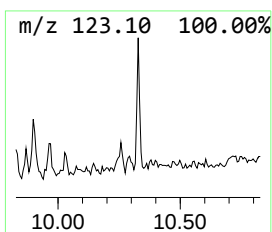
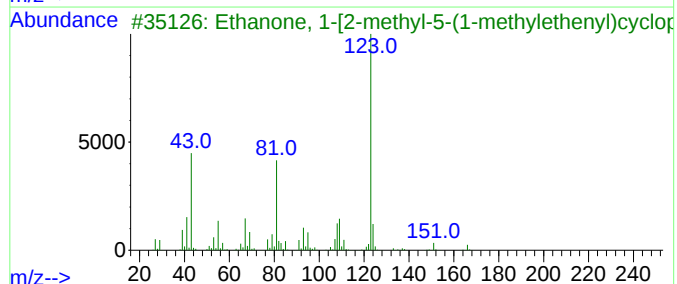
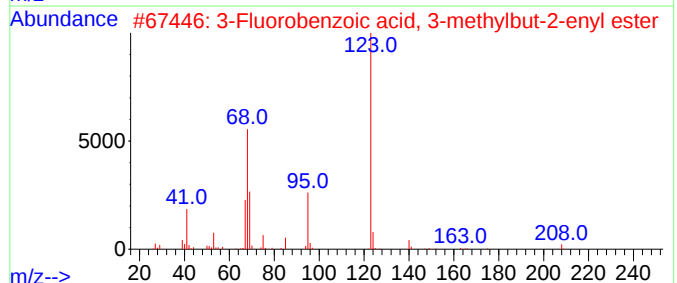
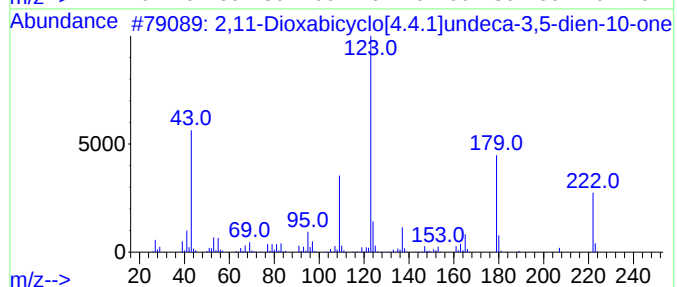
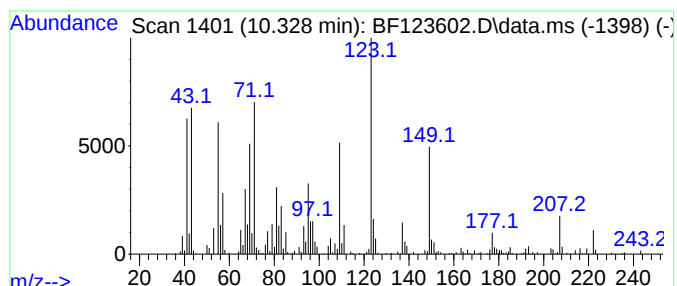
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown10.328 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.328	5.01 ng	640792	Acenaphthene-d10			9.916
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...		222	C13H18O3	070412-52-1	46
2	3-Fluorobenzoic acid, 3-methylbu...		208	C12H13FO2	154559-38-3	30
3	Ethanone, 1-[2-methyl-5-(1-methy...		166	C11H18O	074063-72-2	25
4	Bicyclo[4.1.0]heptane-7-carboxam...		222	C11H14N2OS	329912-72-3	25
5	2-Fluorobenzoic acid, 4-methylpe...		224	C13H17FO2	1000278-97-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
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ALS Vial : 10 Sample Multiplier: 1

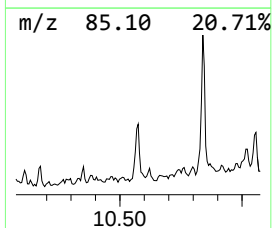
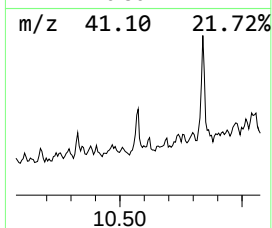
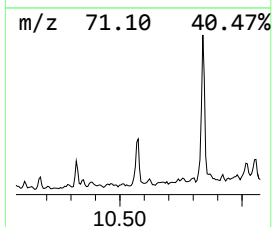
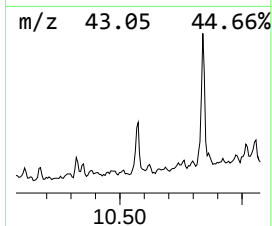
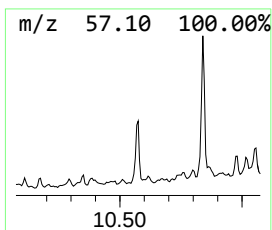
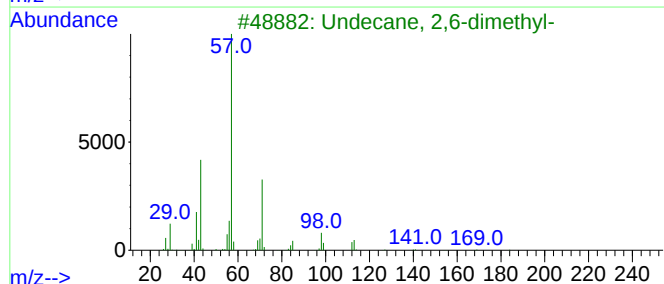
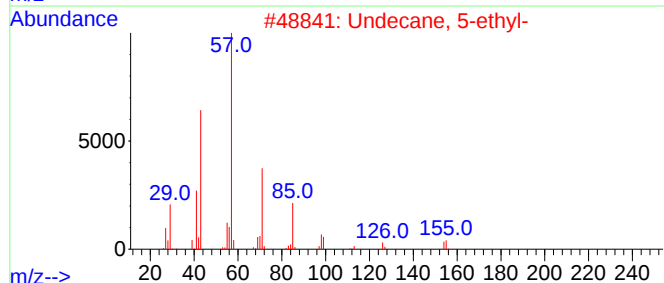
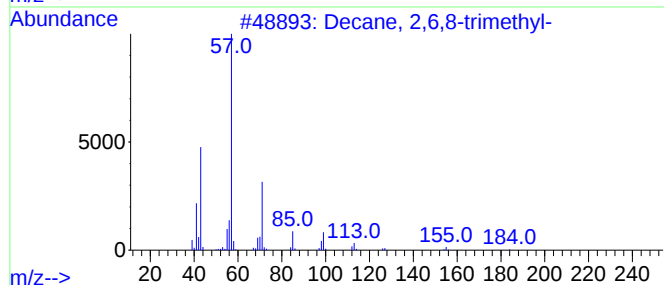
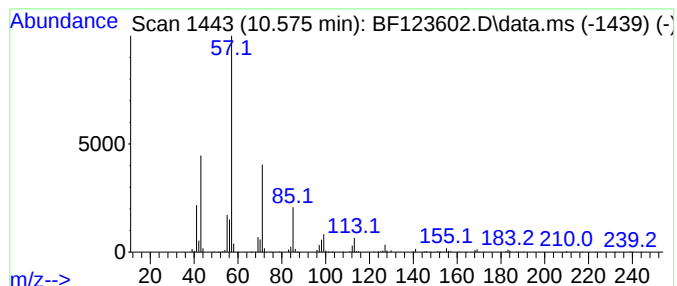
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 2,6,8-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.575	7.50 ng	959057	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	94
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
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Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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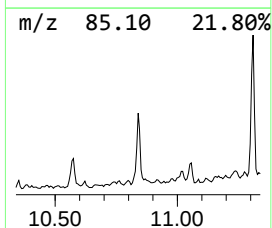
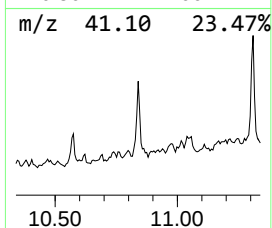
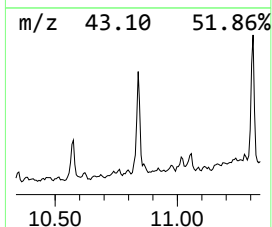
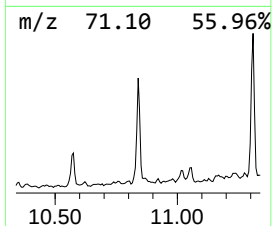
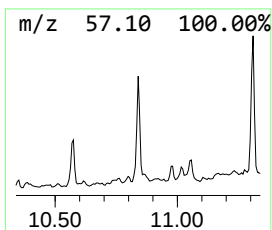
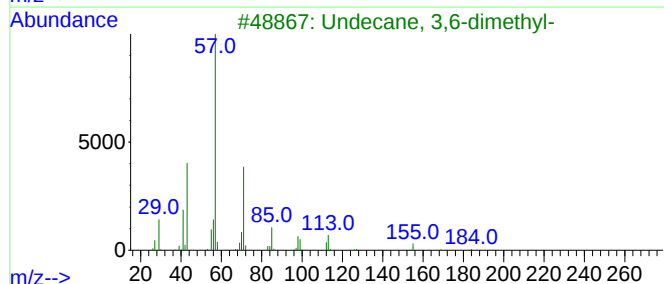
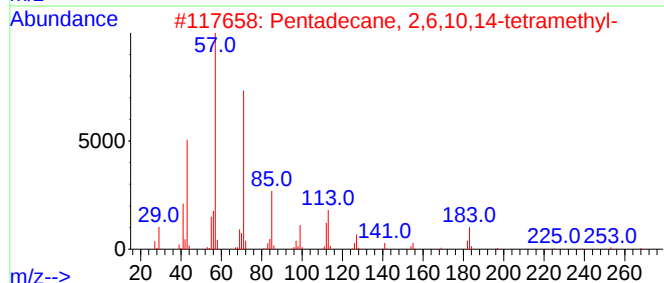
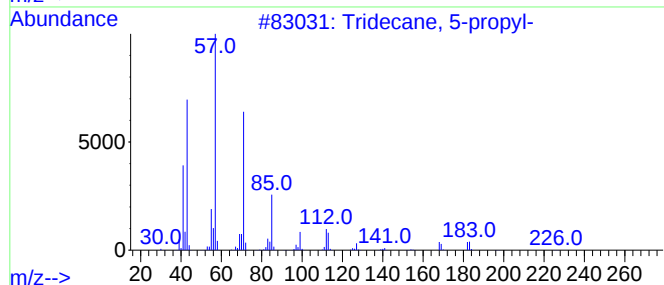
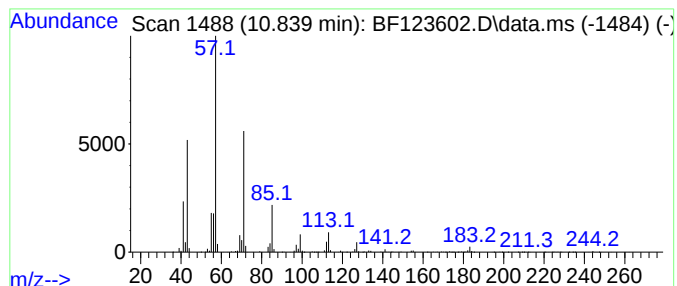
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	22.73 ng	2679930	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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Sample : M2034-01
Misc :
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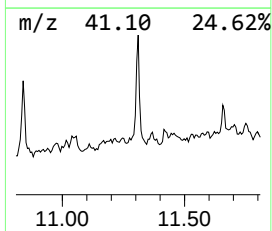
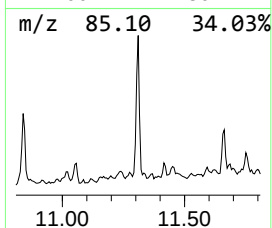
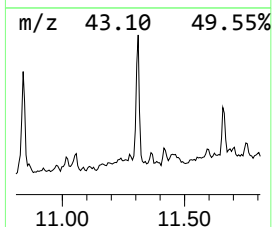
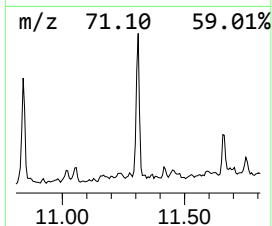
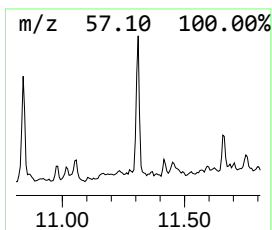
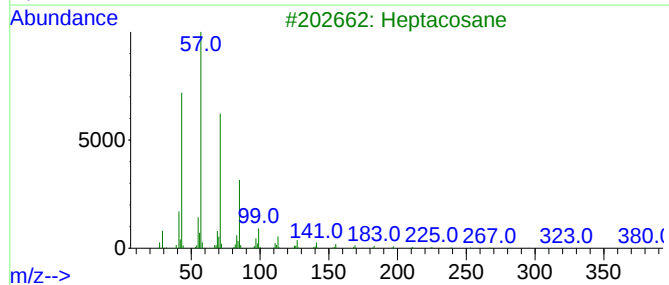
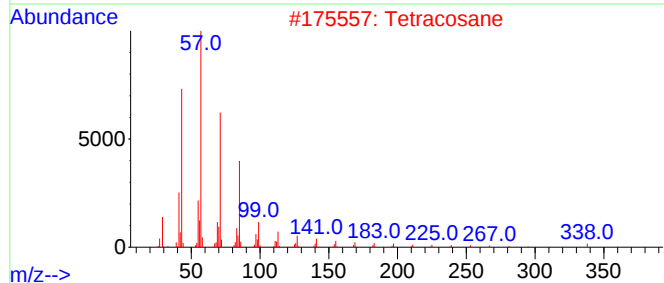
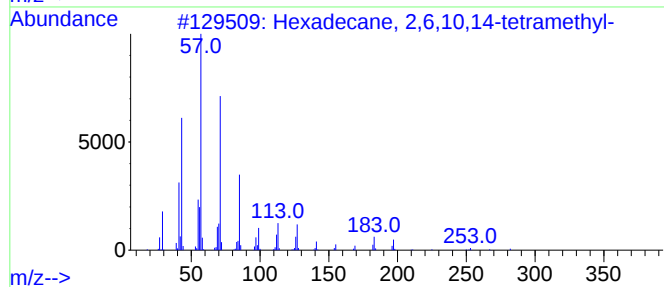
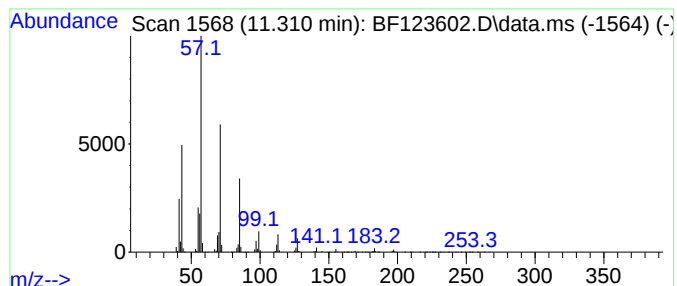
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.310	31.52 ng	3715280	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
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Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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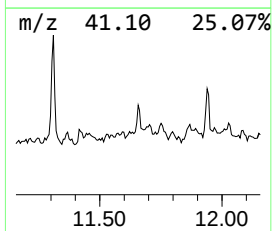
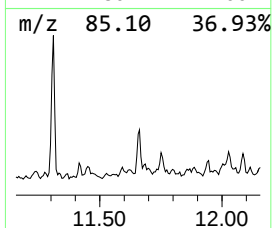
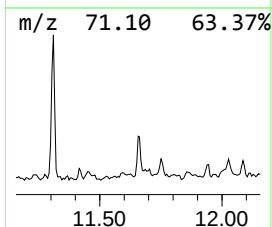
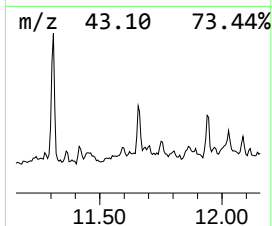
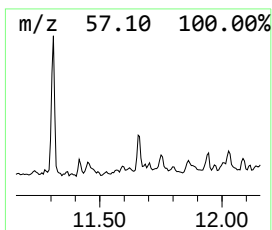
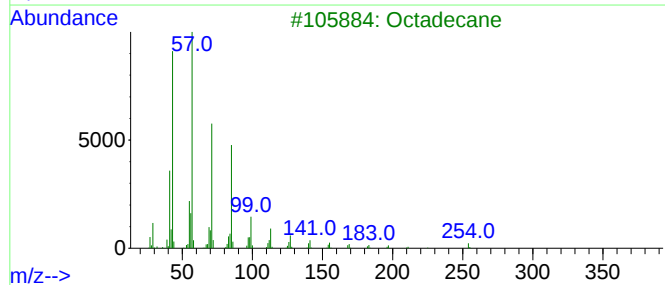
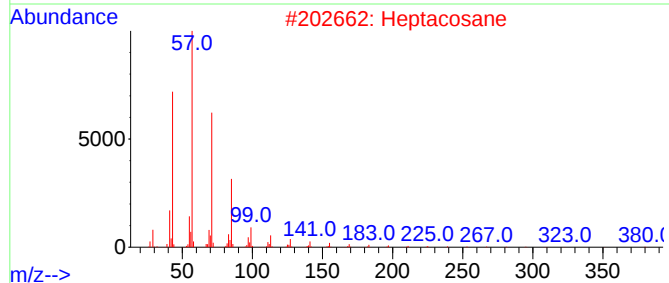
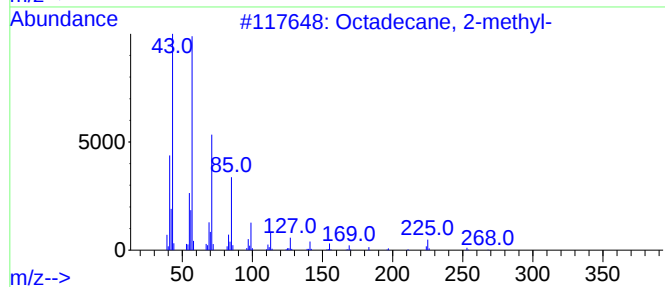
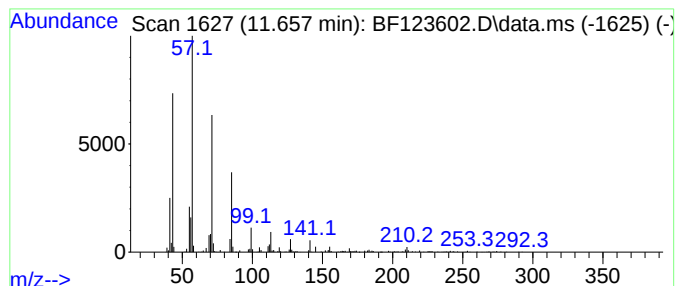
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	8.38 ng	988294	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
Operator : JU/CG
Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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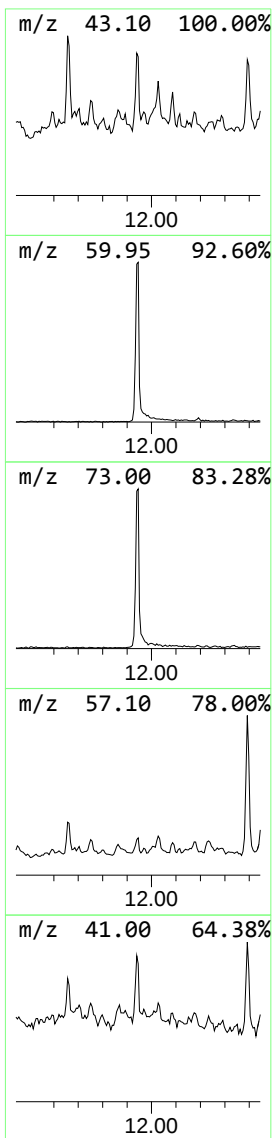
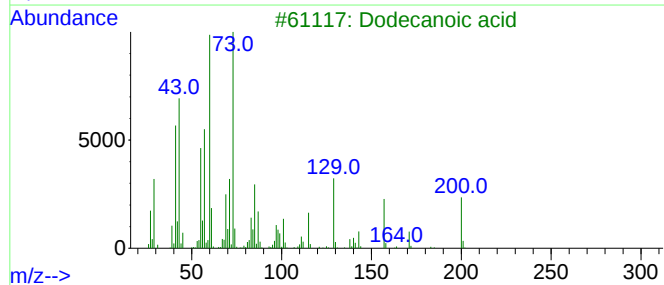
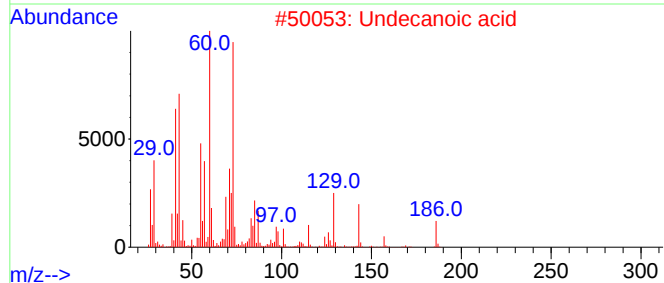
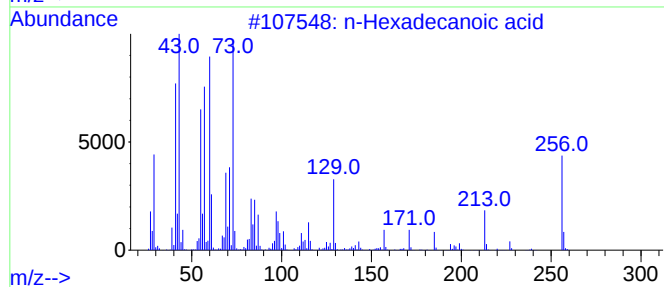
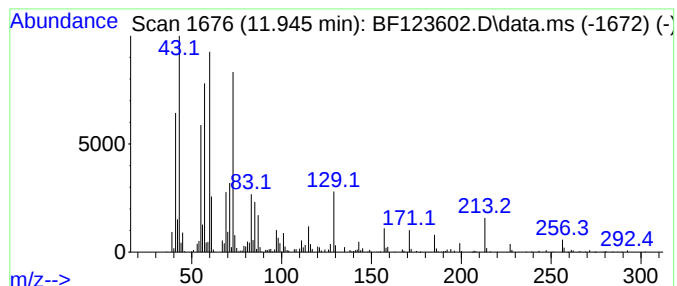
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	12.84 ng	1513400	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		Dodecanoic acid	200	C12H24O2	000143-07-7	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
Operator : JU/CG
Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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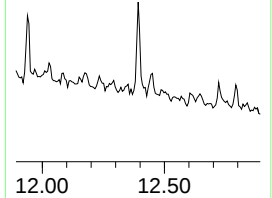
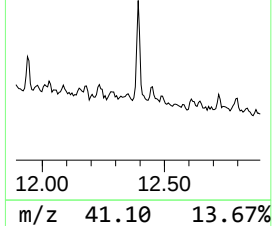
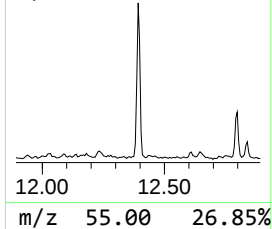
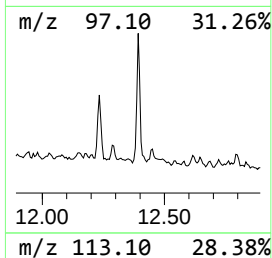
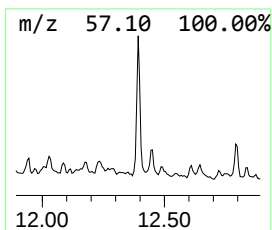
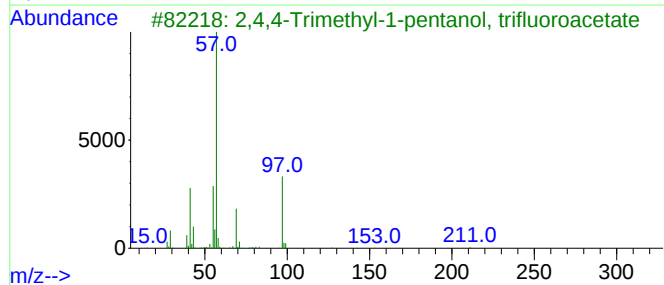
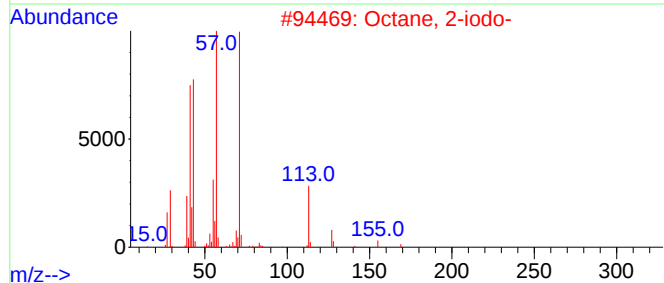
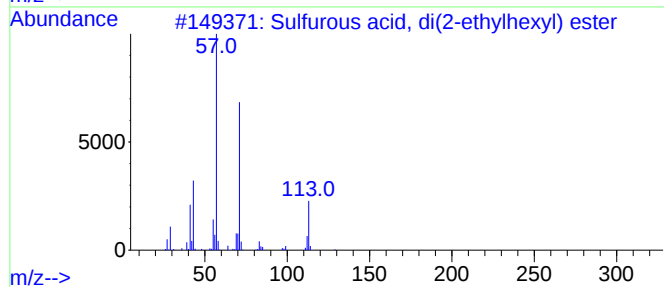
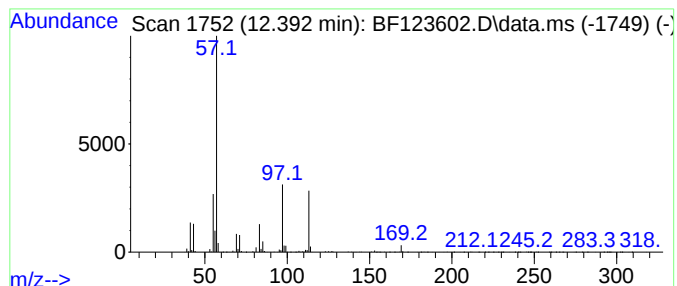
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown12.392 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	26.98 ng	3181160	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47
2			Octane, 2-iodo-	240	C8H17I	000557-36-8	43
3			2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	38
4			2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
Operator : JU/CG
Sample : M2034-01
Misc :
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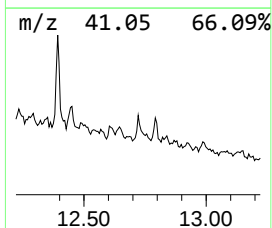
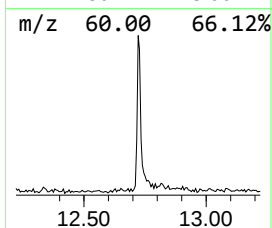
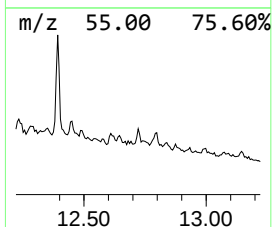
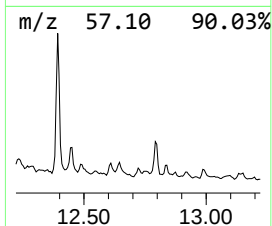
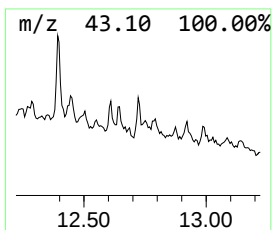
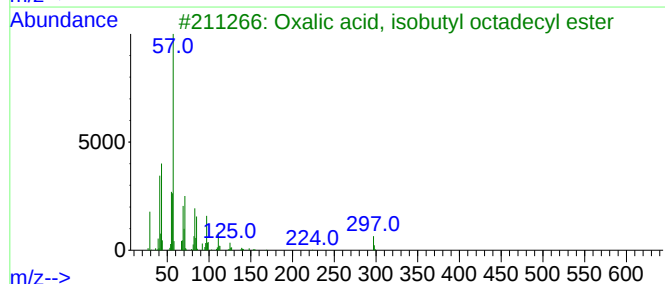
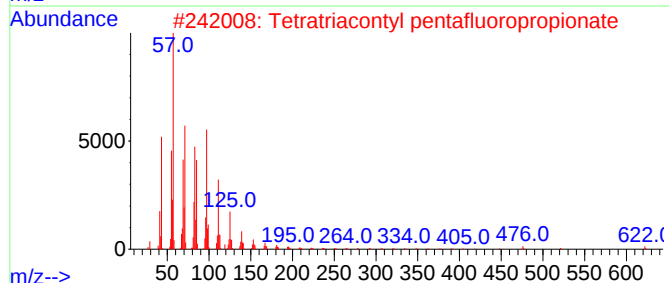
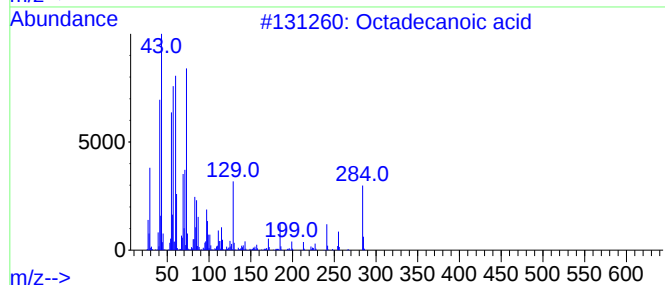
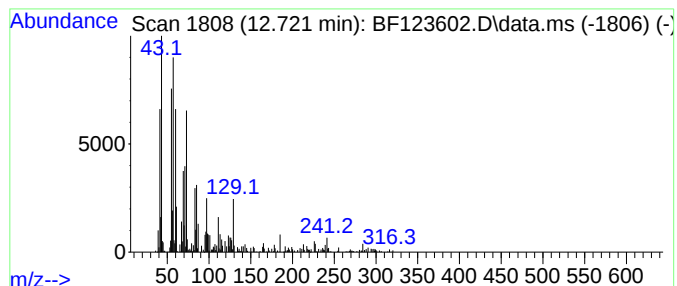
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.722	4.15 ng	489394	Phenanthrene-d10			11.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	94
2	Tetratriacontyl pentafluoropropi...		641	C37H69F5O2	1000351-81-5	43
3	Oxalic acid, isobutyl octadecyl ...		398	C24H46O4	1000309-38-3	43
4	2-Propanol, 1-(hexadecyloxy)-		300	C19H40O2	007455-58-5	43
5	Oxalic acid, isobutyl tetradecyl...		342	C20H38O4	1000309-37-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
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Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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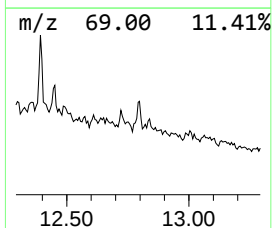
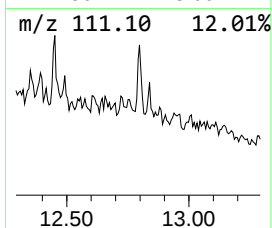
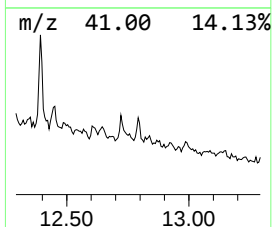
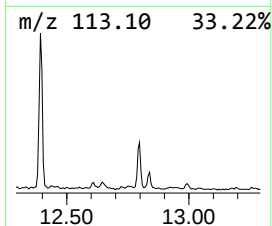
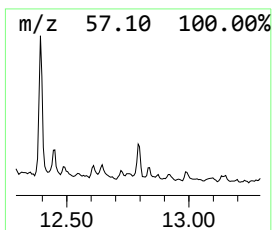
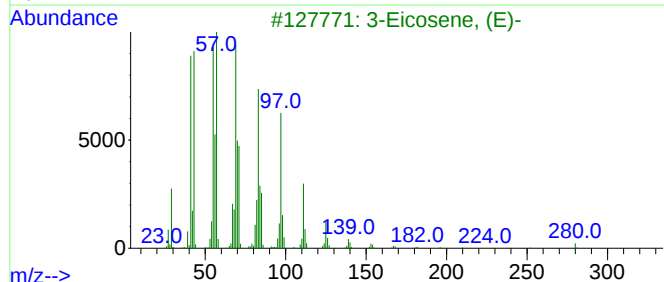
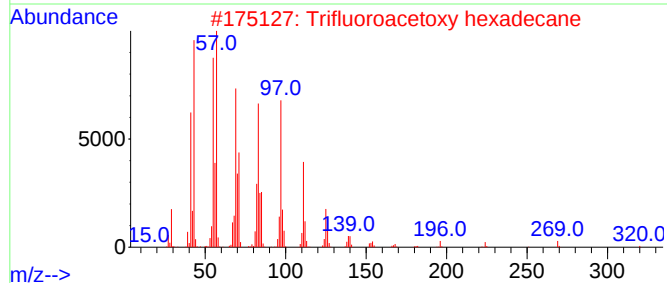
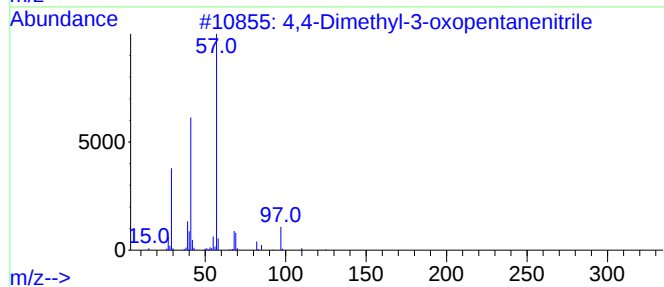
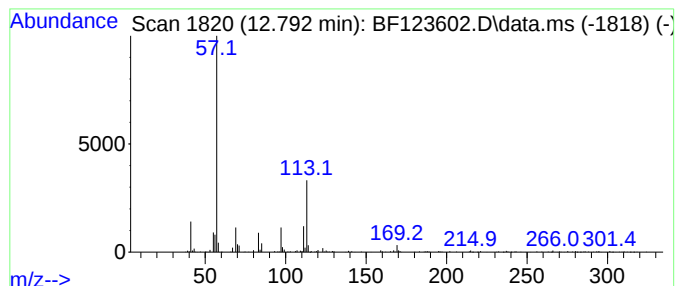
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown12.792 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	10.28 ng	687602	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4-Dimethyl-3-oxopentanenitrile	125	C7H11NO	059997-51-2	38
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	35
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	35
4			5-Ethyl-5-methylheptadecane	282	C20H42	1000360-42-5	33
5			Thiocyanic acid, 1,1,3,3-tetrame...	171	C9H17NS	089601-36-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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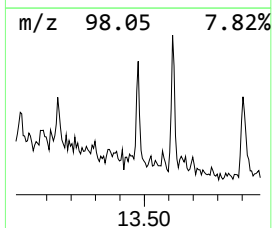
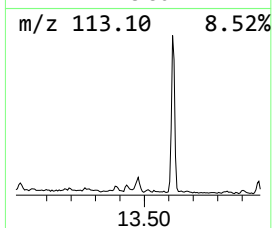
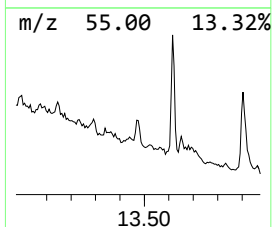
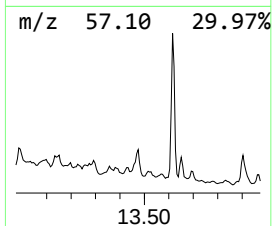
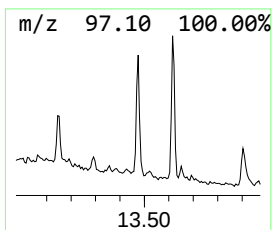
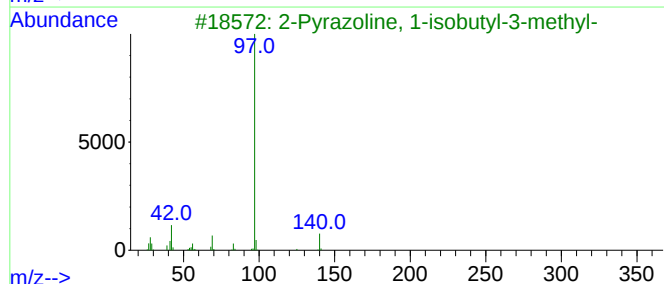
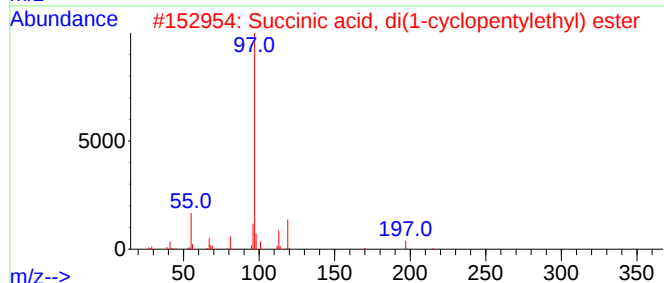
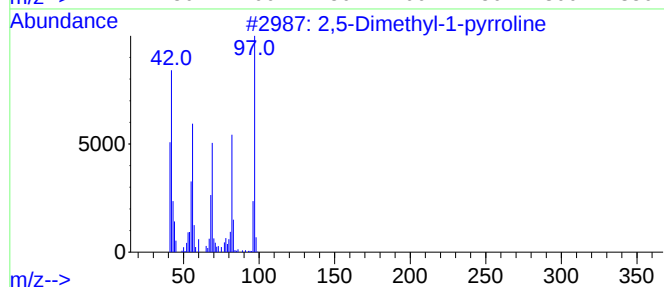
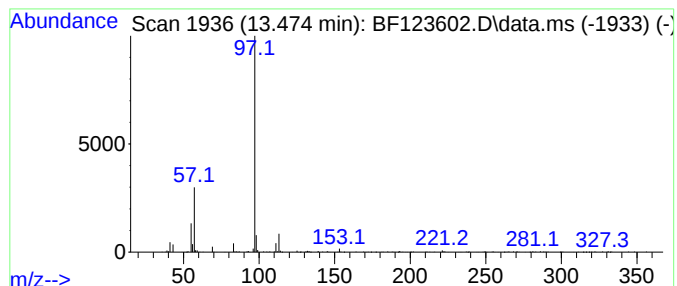
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown13.474 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	10.30 ng	689244	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	45
2			Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	39
3			2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	38
4			Methylphosphonic acid, didecyl e...	376	C21H45O3P	059651-63-7	36
5			Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
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Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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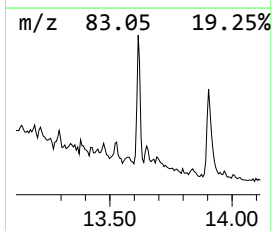
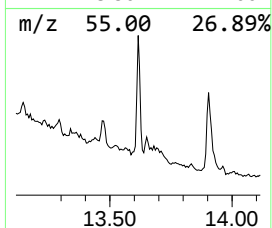
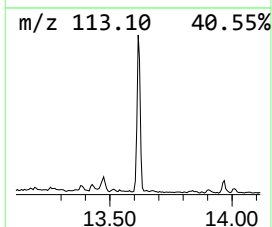
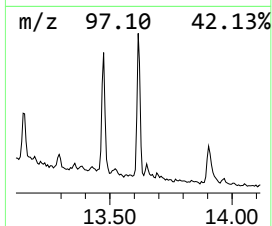
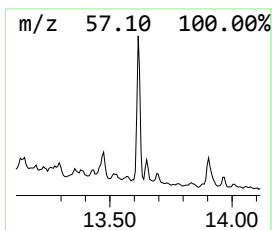
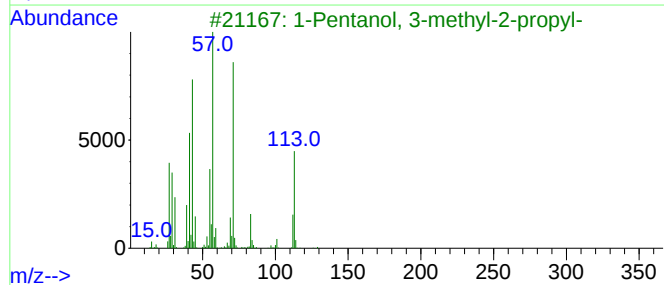
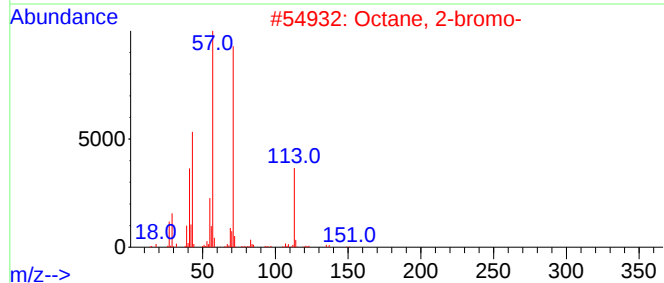
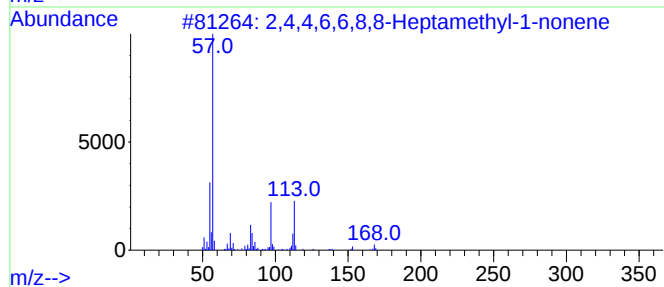
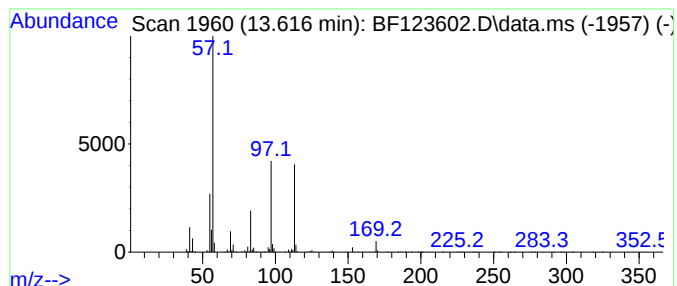
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown13.616 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	26.23 ng	1754410	Chrysene-d12	14.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	43
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
3		1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	28
4		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	17
5		Octacosanol	410	C28H58O	000557-61-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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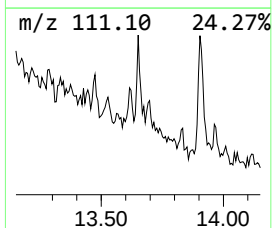
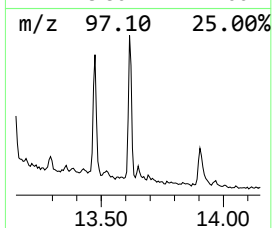
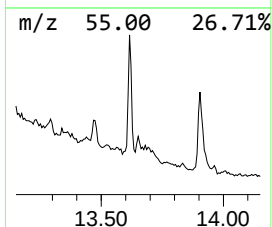
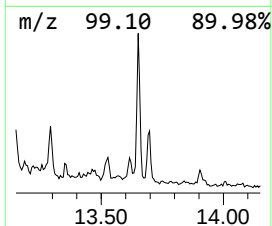
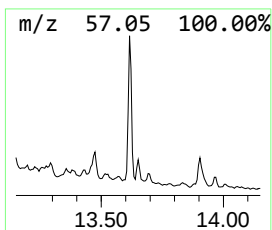
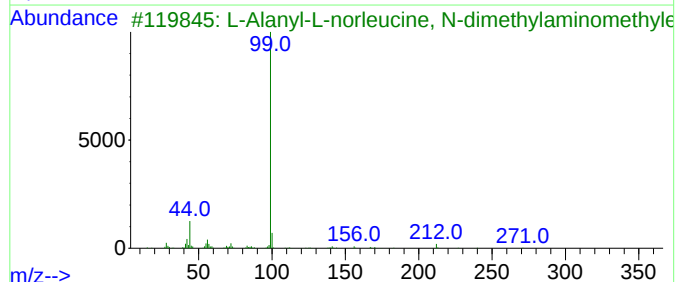
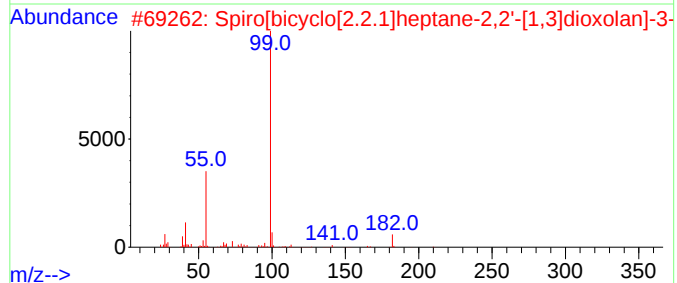
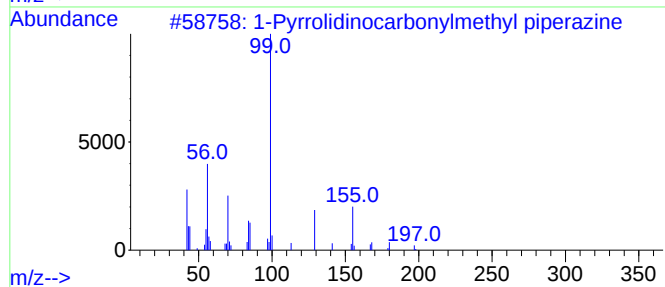
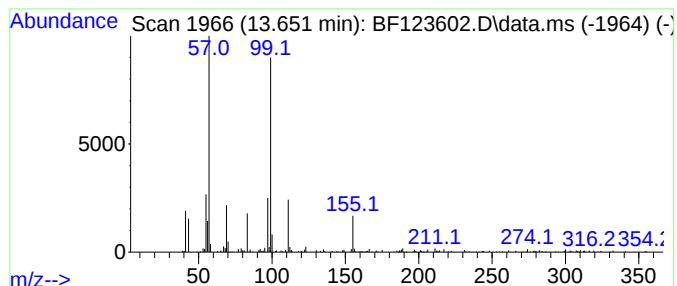
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown13.651 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	4.38 ng	293026	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	43
2			Spiro[bicyclo[2.2.1]heptane-2,2'...	210	C12H18O3	018501-54-7	38
3			L-Alanyl-L-norleucine, N-dimethy...	271	C13H25N3O3	1000375-95-8	32
4			Phosphoric acid, monododecyl ester	266	C12H27O4P	002627-35-2	32
5			n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
P1679

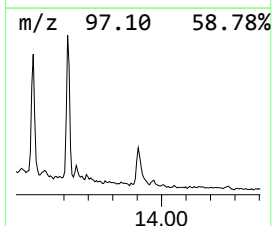
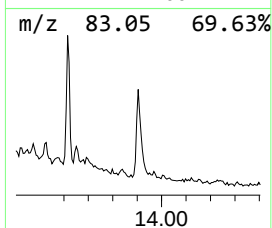
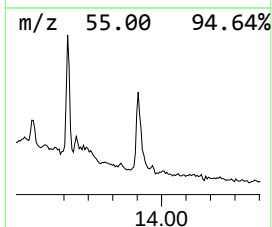
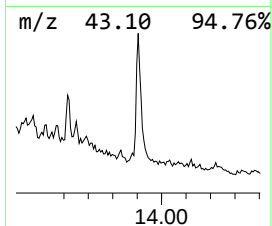
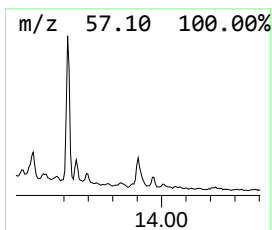
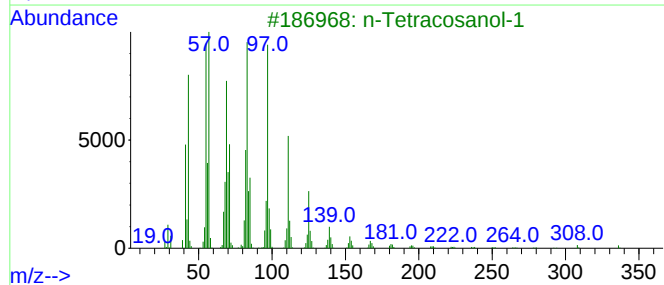
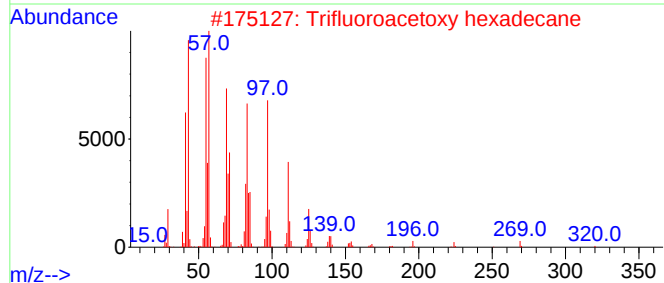
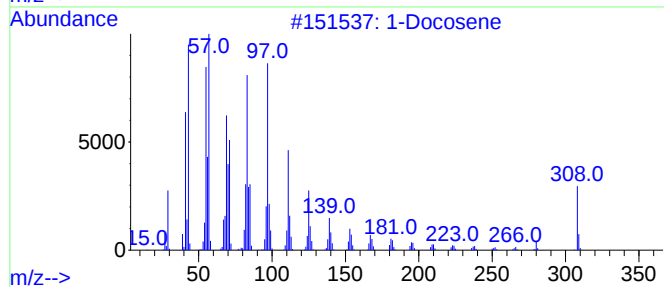
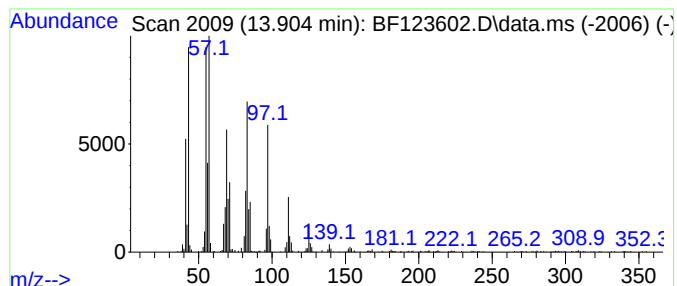
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	20.43 ng	1366290	Chrysene-d12	14.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	94
2	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	91
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
4	Behenic alcohol		326	C22H46O	000661-19-8	91
5	1-Tricosene		322	C23H46	018835-32-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123602.D
Acq On : 16 Apr 2021 20:45
Operator : JU/CG
Sample : M2034-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P1679

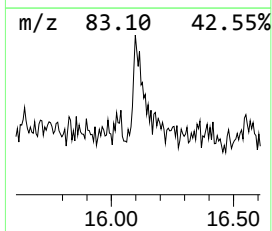
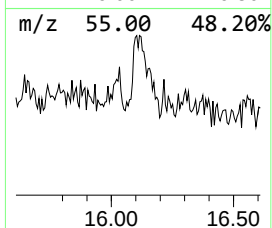
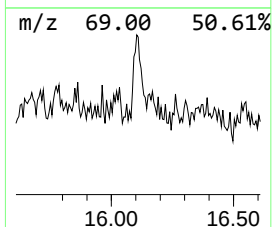
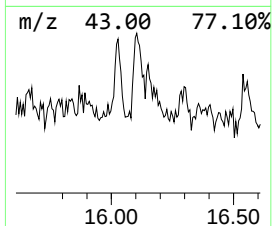
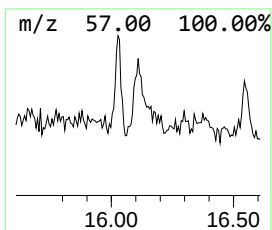
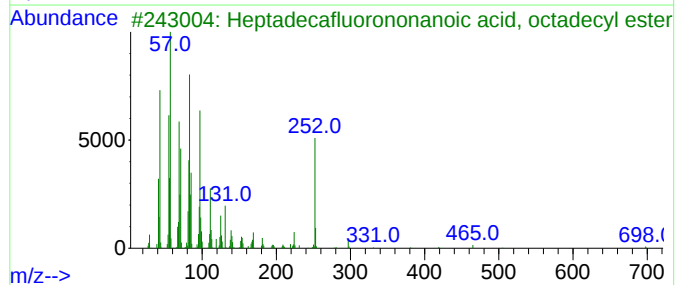
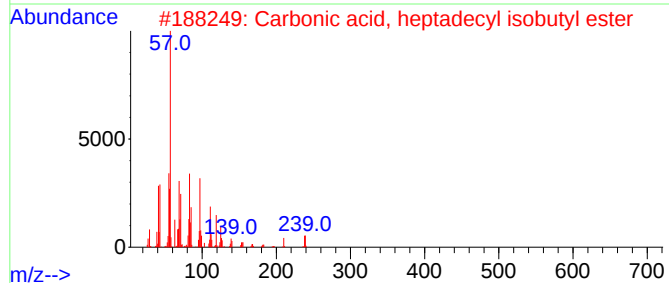
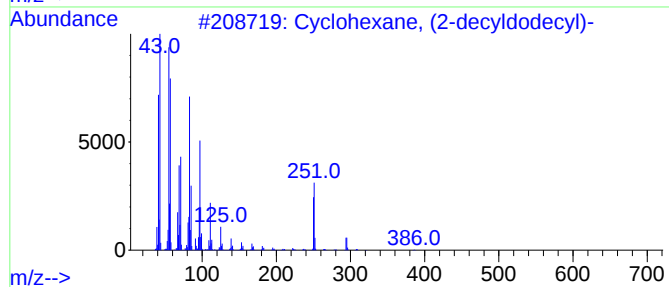
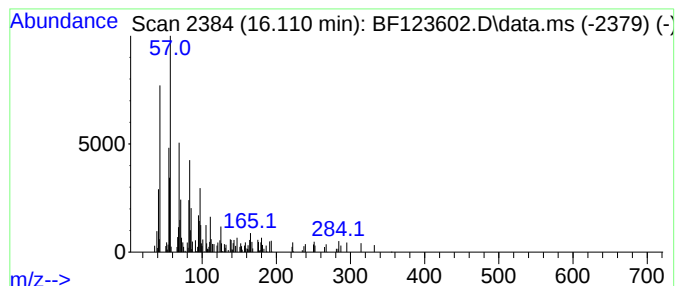
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclohexane, (2-decyldodecyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	3.58 ng	211245	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-decyldodecyl)-	392	C28H56	006704-00-3	72
2			Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	68
3			Heptadecafluorononanoic acid, oc...	716	C27H37F17O2	1000356-03-4	64
4			17-Pentatriacontene	491	C35H70	006971-40-0	58
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123602.D
 Acq On : 16 Apr 2021 20:45
 Operator : JU/CG
 Sample : M2034-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P1679

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.134	90.6	ng	7648000	1	6.869	1687710	20.0
Ethanol, 2-(2-m...	6.692	2.6	ng	218133	1	6.869	1687710	20.0
Tetracontane, 3...	9.316	3.6	ng	462179	3	9.916	2556200	20.0
Cyclodecane, me...	9.728	4.4	ng	559618	3	9.916	2556200	20.0
unknown9.786	9.786	3.5	ng	448308	3	9.916	2556200	20.0
2-Pentanone, 4-...	9.828	2.8	ng	354132	3	9.916	2556200	20.0
unknown10.328	10.328	5.0	ng	640792	3	9.916	2556200	20.0
Decane, 2,6,8-t...	10.575	7.5	ng	959057	3	9.916	2556200	20.0
Tridecane, 5-pr...	10.839	22.7	ng	2679930	4	11.404	2357760	20.0
Hexadecane, 2,6...	11.310	31.5	ng	3715280	4	11.404	2357760	20.0
Octadecane, 2-m...	11.657	8.4	ng	988294	4	11.404	2357760	20.0
n-Hexadecanoic ...	11.945	12.8	ng	1513400	4	11.404	2357760	20.0
unknown12.392	12.392	27.0	ng	3181160	4	11.404	2357760	20.0
Octadecanoic acid	12.722	4.2	ng	489394	4	11.404	2357760	20.0
unknown12.792	12.792	10.3	ng	687602	5	14.051	1337840	20.0
unknown13.474	13.474	10.3	ng	689244	5	14.051	1337840	20.0
unknown13.616	13.616	26.2	ng	1754410	5	14.051	1337840	20.0
unknown13.651	13.651	4.4	ng	293026	5	14.051	1337840	20.0
1-Docosene	13.904	20.4	ng	1366290	5	14.051	1337840	20.0
Cyclohexane, (2...	16.110	3.6	ng	211245	6	15.539	1180800	20.0