

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111134.D
 Acq On : 6 Dec 2018 13:18
 Operator : JU/SJ
 Sample : J6204-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-FB1-112918

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF120518.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.057	330	335	342	rVB2	146306	196916	1.59%	0.202%
2	4.998	489	495	501	rBV	739368	871882	7.04%	0.896%
3	5.416	559	566	569	rBV	6011919	5255764	42.46%	5.402%
4	5.928	650	653	657	rBV	167247	141427	1.14%	0.145%
5	6.428	734	738	741	rVB	3938695	3278812	26.49%	3.370%
6	6.575	758	763	766	rBV	10652858	9661019	78.04%	9.930%
7	6.804	799	802	806	rBV	3601598	2923955	23.62%	3.005%
8	6.875	810	814	821	rBV	1647557	1545295	12.48%	1.588%
9	6.963	825	829	832	rVB	9910882	8527593	68.89%	8.765%
10	7.204	865	870	874	rBV3	145909	157905	1.28%	0.162%
11	7.363	890	897	900	rBV	7898564	8868821	71.64%	9.116%
12	8.086	1016	1020	1023	rBV	4779919	3900682	31.51%	4.009%
13	9.169	1198	1204	1207	rBV	13107643	12379266	100.00%	12.724%
14	9.286	1221	1224	1228	rVB	2045536	1716589	13.87%	1.764%
15	9.839	1314	1318	1322	rVB	4817777	4212022	34.02%	4.329%
16	10.627	1447	1452	1455	rBV	8696171	7825926	63.22%	8.044%
17	11.321	1566	1570	1574	rVB	4996770	4149131	33.52%	4.265%
18	11.716	1634	1637	1641	rBV	1005329	734287	5.93%	0.755%
19	11.857	1657	1661	1665	rBV	489912	513500	4.15%	0.528%
20	12.639	1791	1794	1806	rBV2	380540	462179	3.73%	0.475%
21	12.915	1836	1841	1844	rBV	12392564	12257573	99.02%	12.599%
22	13.468	1926	1935	1936	rBV8	67812	125303	1.01%	0.129%
23	13.957	2014	2018	2022	rBV	4230318	3629953	29.32%	3.731%
24	14.745	2149	2152	2156	rVB	210714	205445	1.66%	0.211%
25	15.080	2205	2209	2214	rBV	227551	245136	1.98%	0.252%
26	15.392	2257	2262	2267	rBV2	2257449	2759553	22.29%	2.836%
27	15.451	2268	2272	2276	rVB	256388	305590	2.47%	0.314%
28	15.880	2340	2345	2349	rBV2	186563	270397	2.18%	0.278%
29	16.374	2425	2429	2434	rVB3	100622	171768	1.39%	0.177%

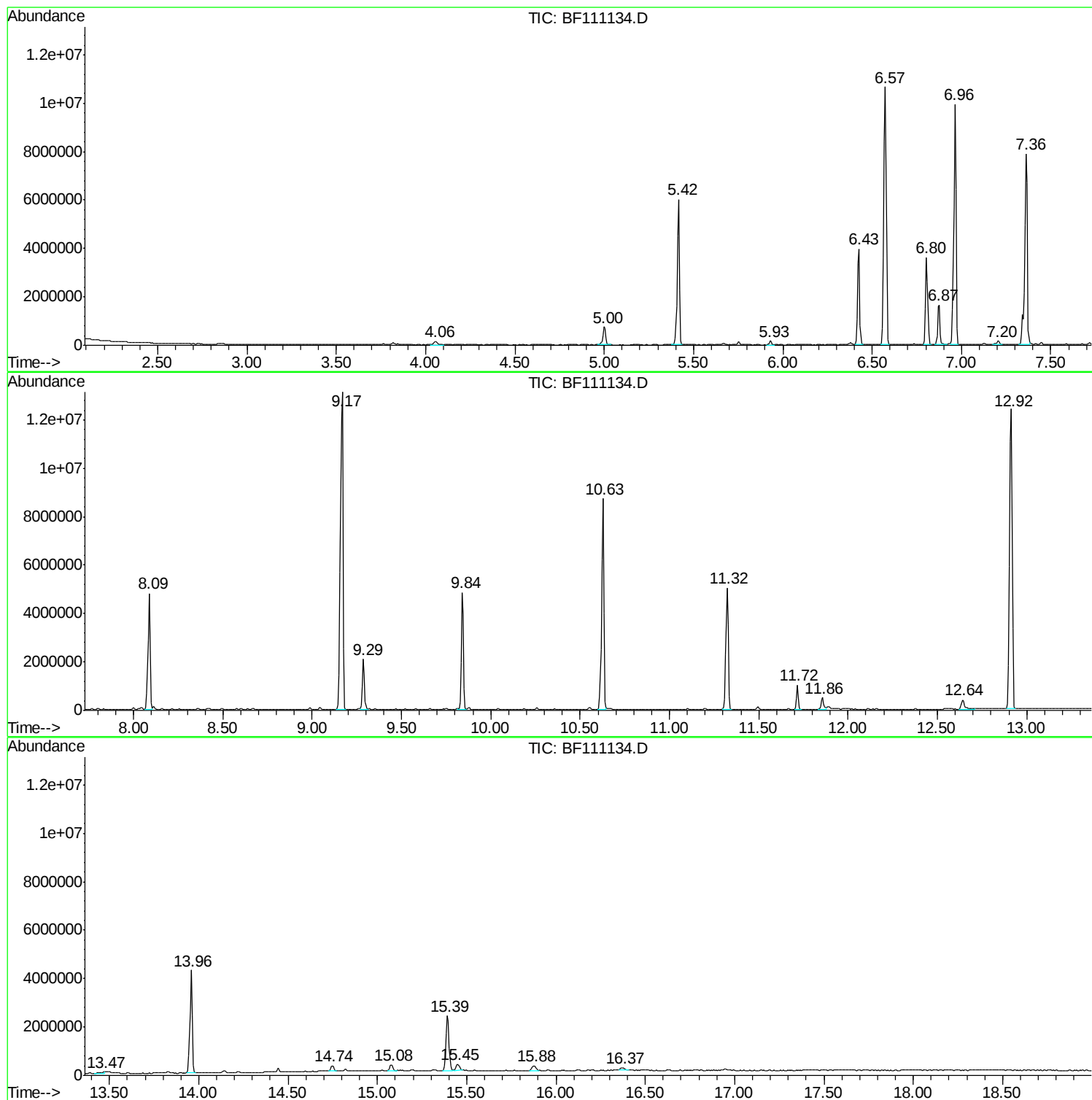
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-FB1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.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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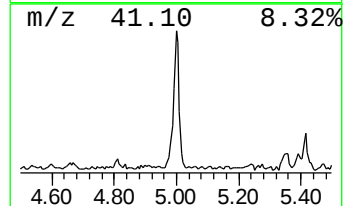
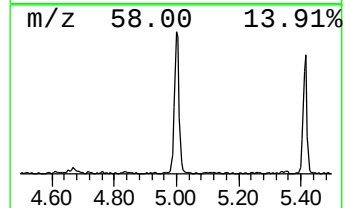
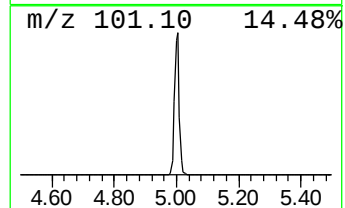
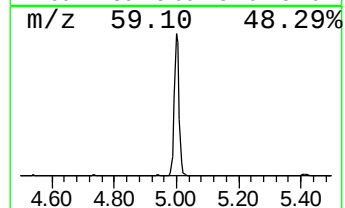
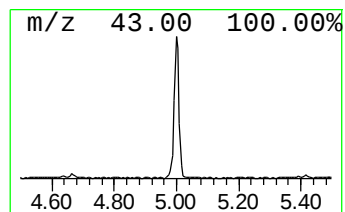
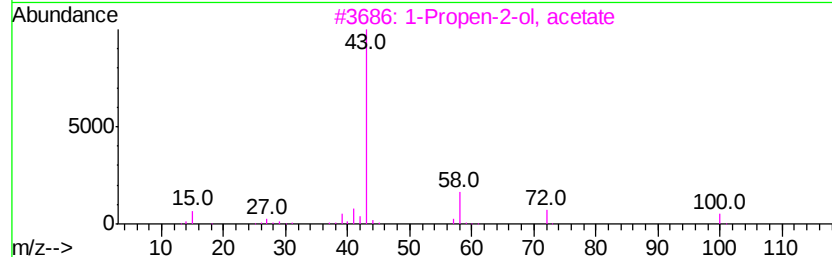
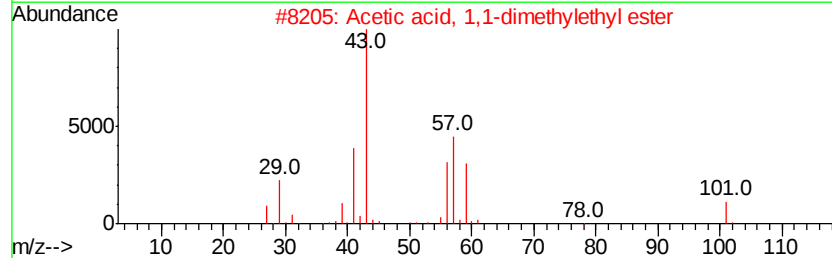
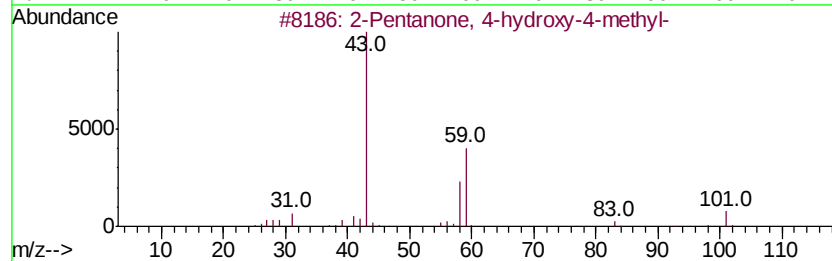
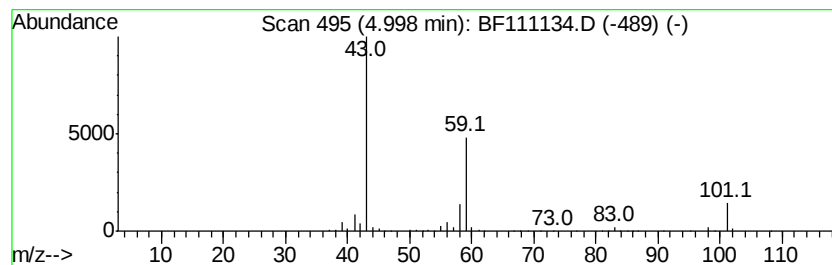
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	5.96 ng	871882	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7



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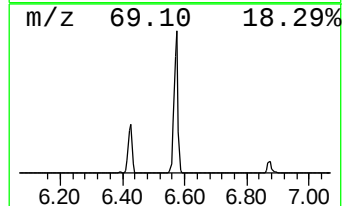
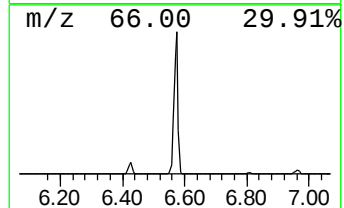
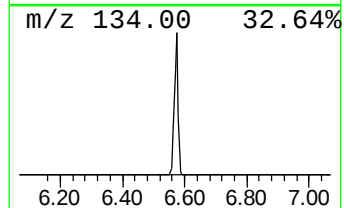
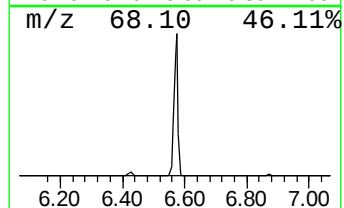
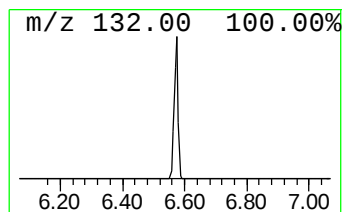
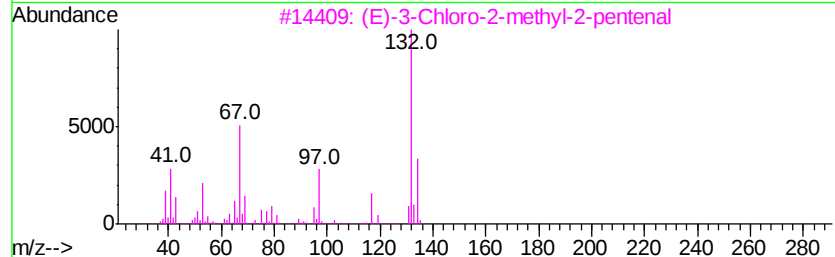
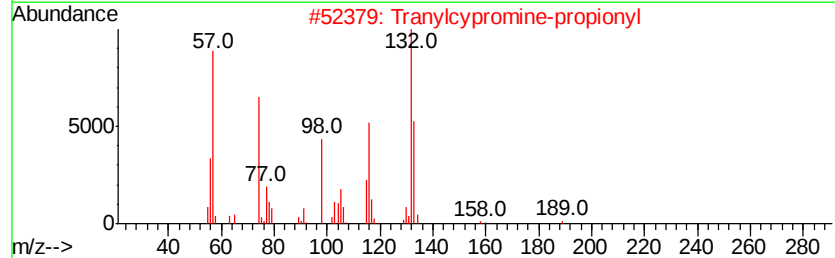
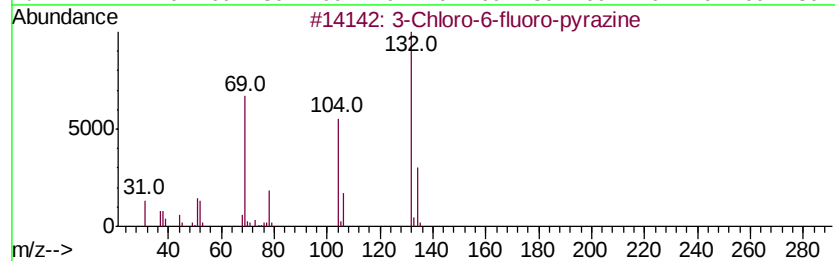
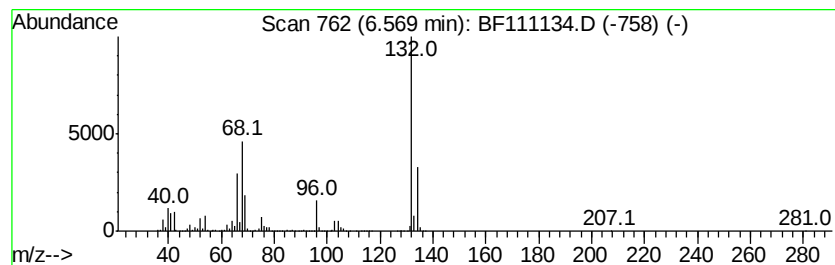
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	66.08 ng	9661020	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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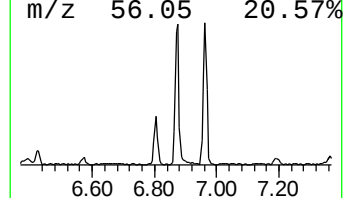
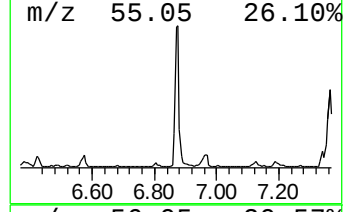
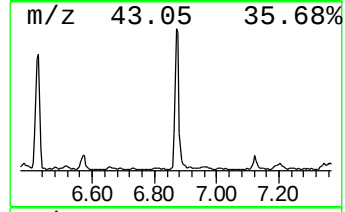
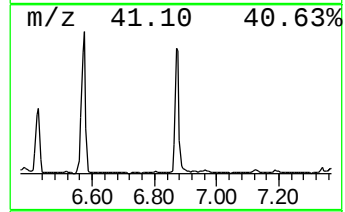
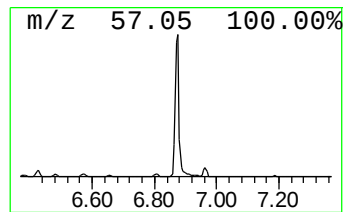
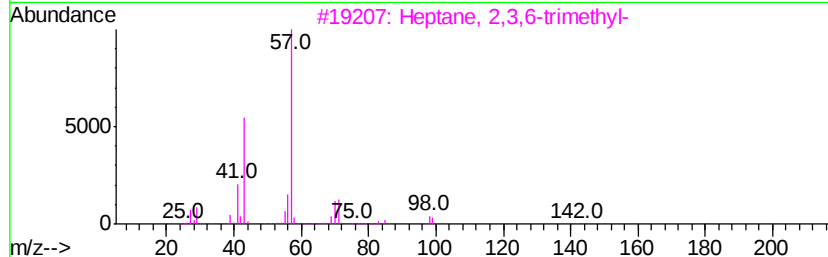
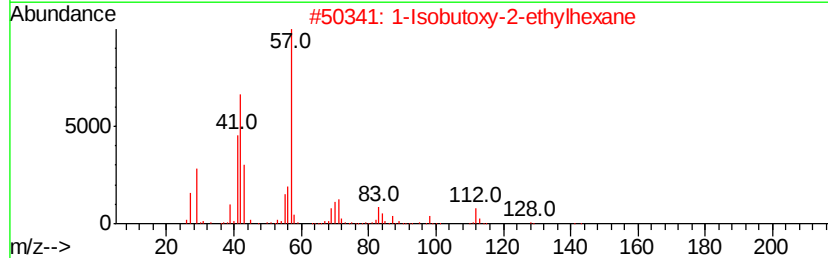
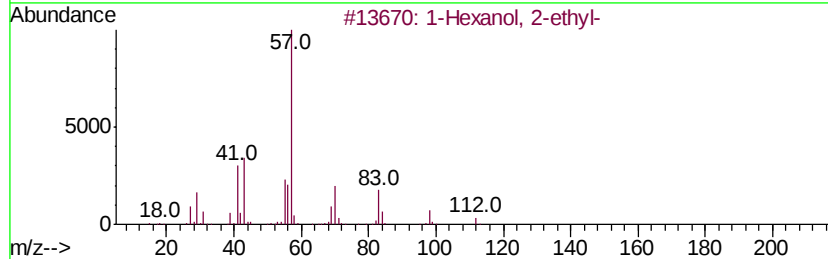
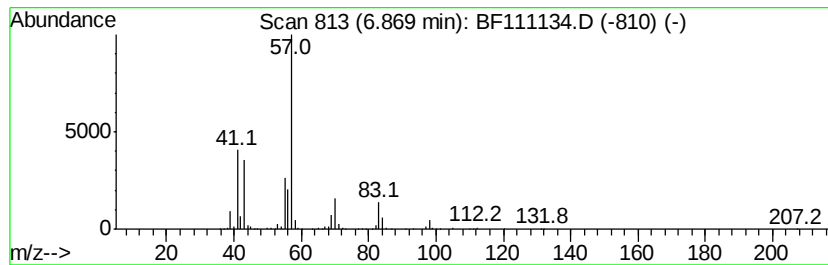
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.87	10.57 ng	1545300	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	59
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



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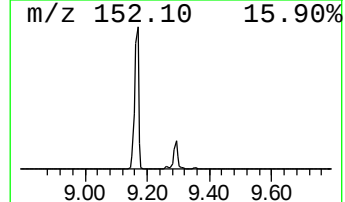
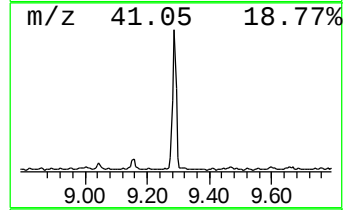
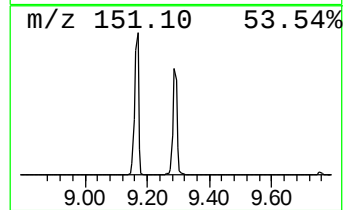
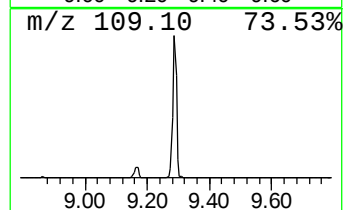
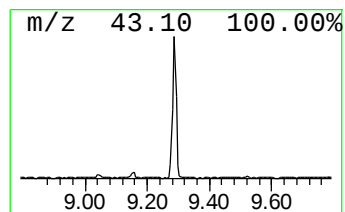
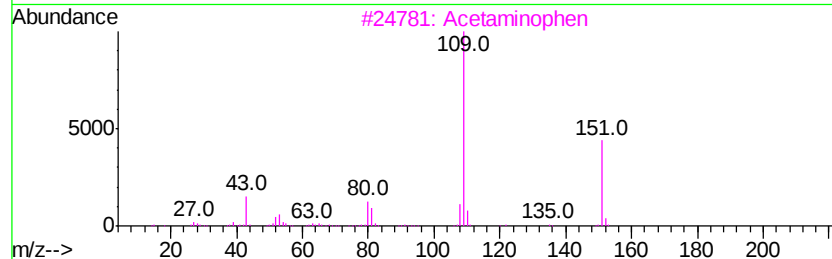
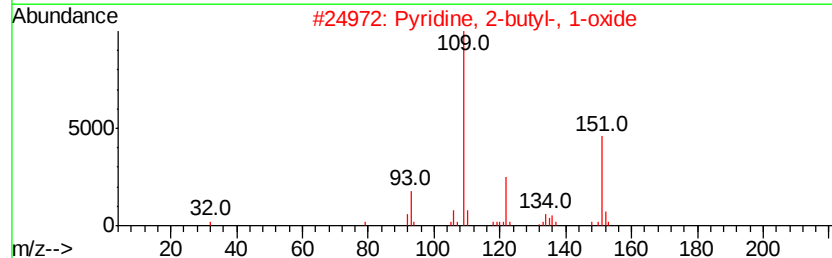
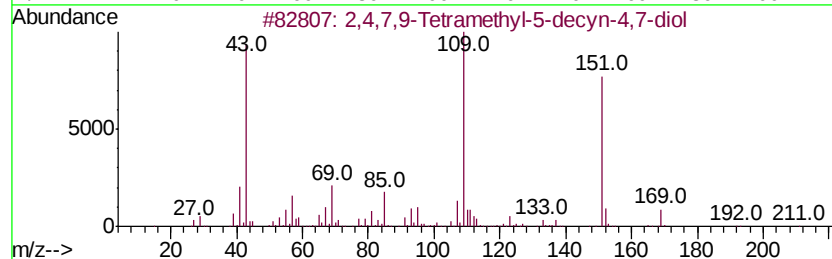
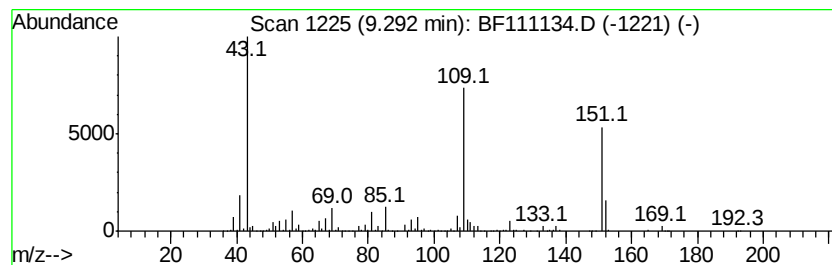
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Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	8.15 ng	1716590	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3		Acetaminophen	151	C8H9NO2	000103-90-2	43
4		Metacetamol	151	C8H9NO2	000621-42-1	43
5		2-Oxo-2,3-dihydro-1H-imidazole-4...	109	C4H3N3O	1000294-08-6	38



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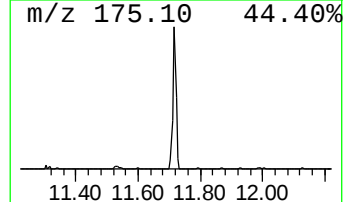
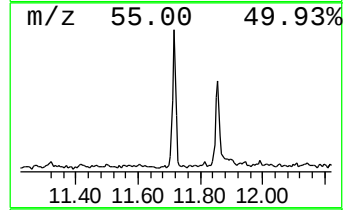
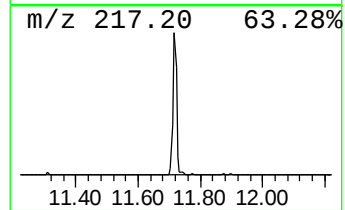
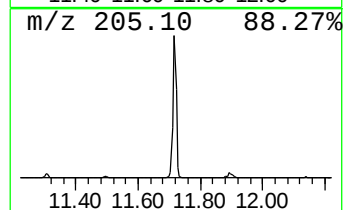
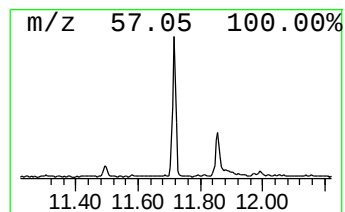
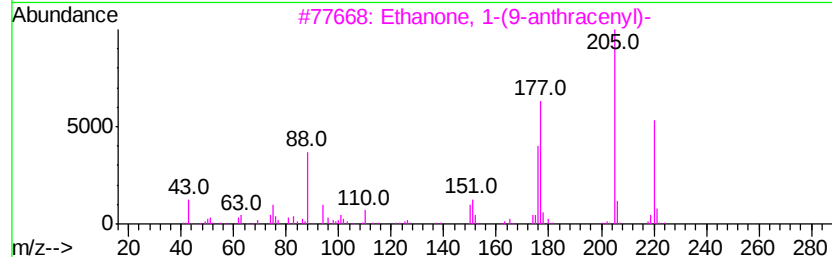
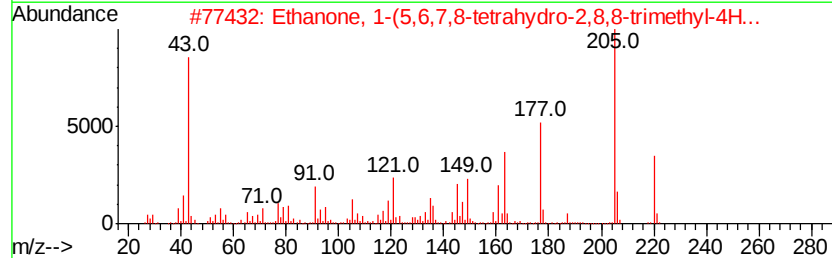
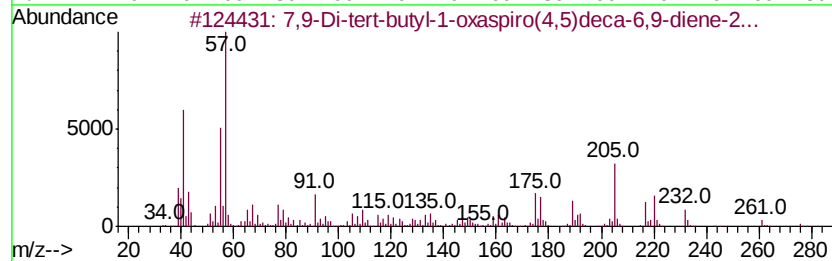
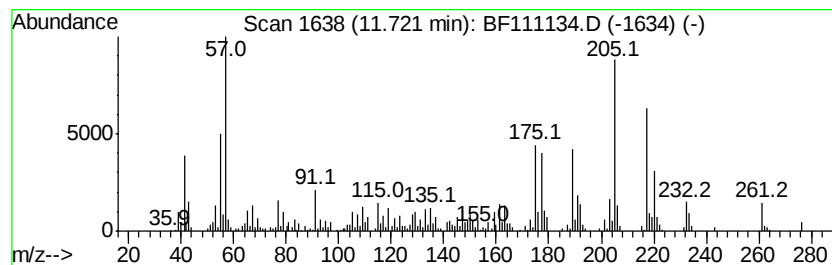
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Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	3.54 ng	734287	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
3	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	35
5	2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H30O	004278-82-4	30



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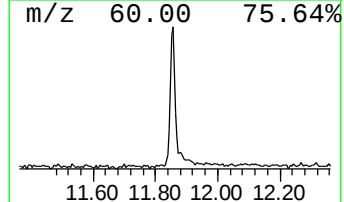
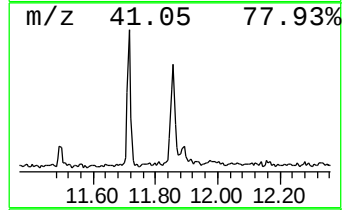
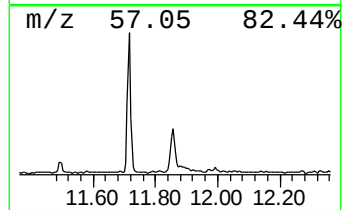
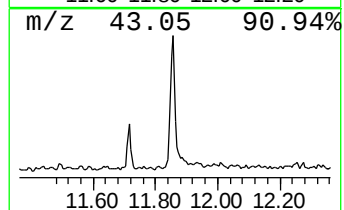
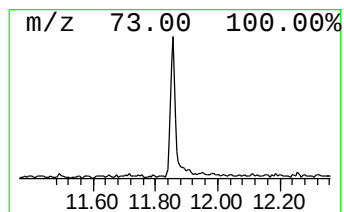
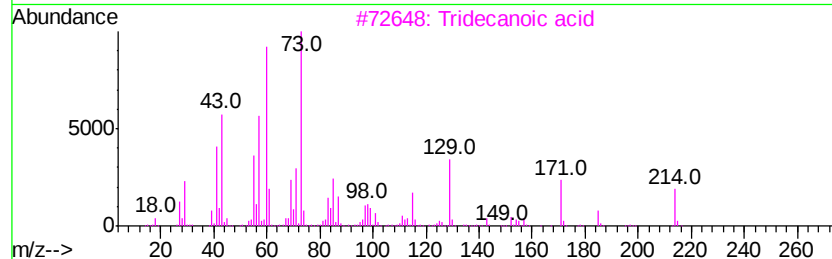
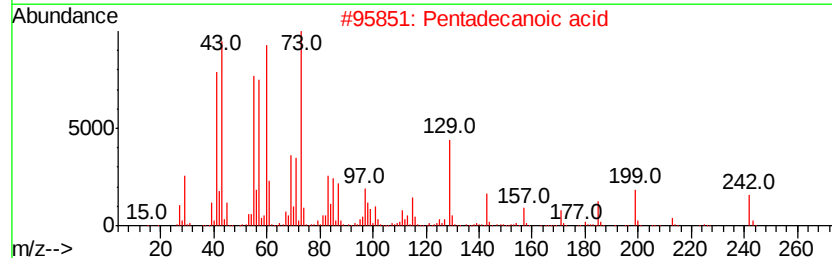
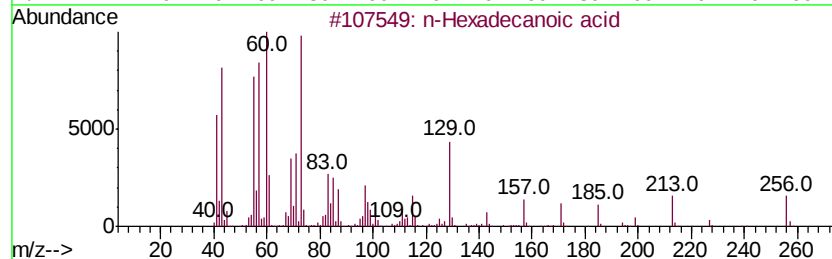
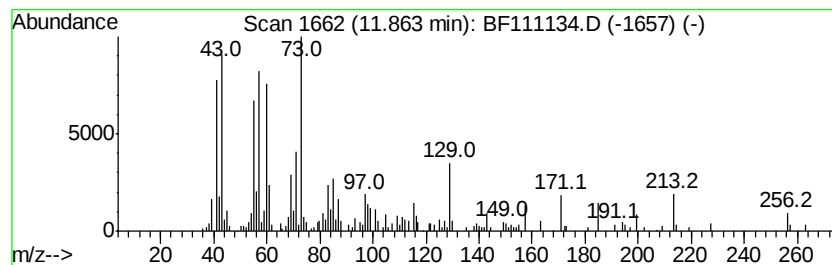
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.48 ng	513500	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111134.D
Acq On : 6 Dec 2018 13:18
Operator : JU/SJ
Sample : J6204-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-FB1-112918

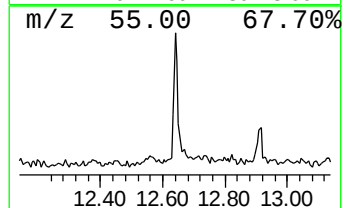
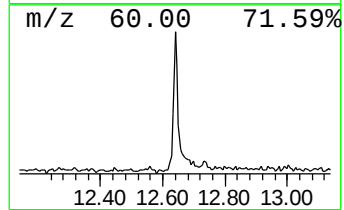
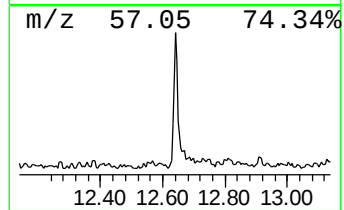
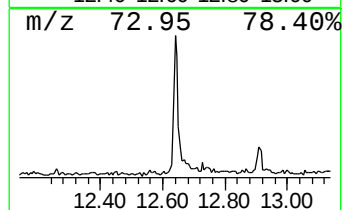
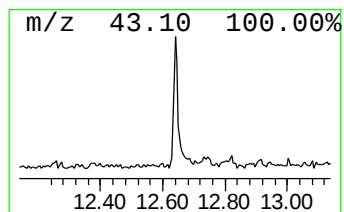
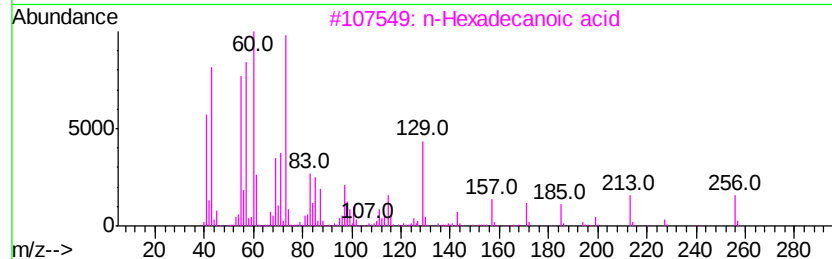
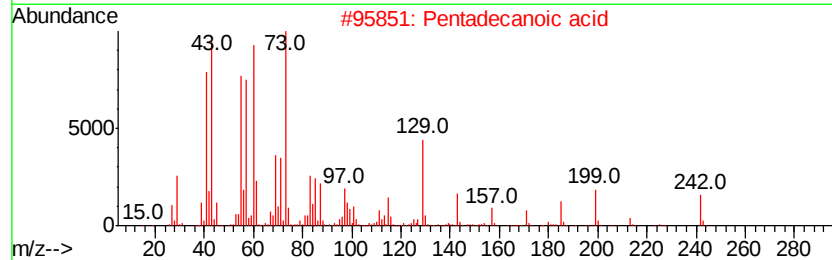
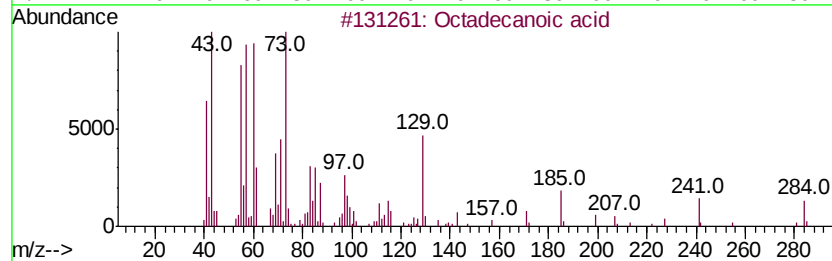
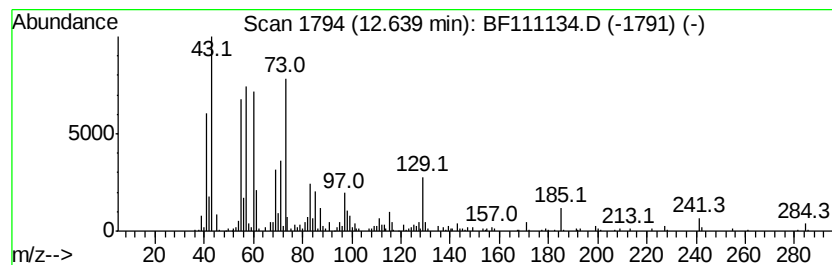
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.55 ng	462179	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111134.D
Acq On : 6 Dec 2018 13:18
Operator : JU/SJ
Sample : J6204-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

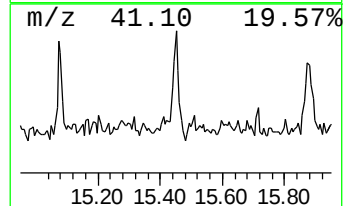
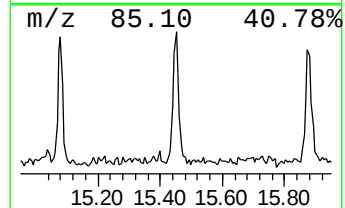
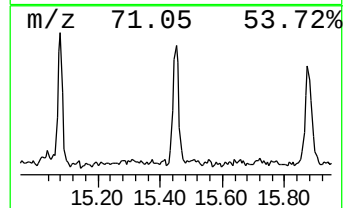
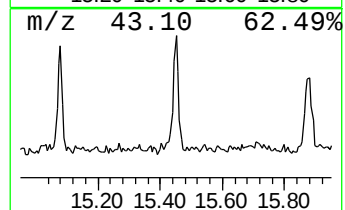
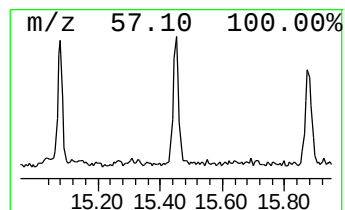
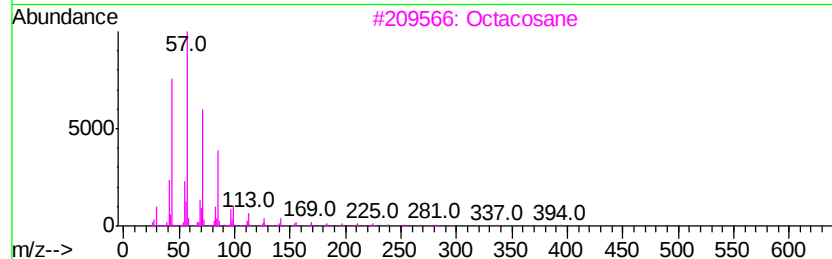
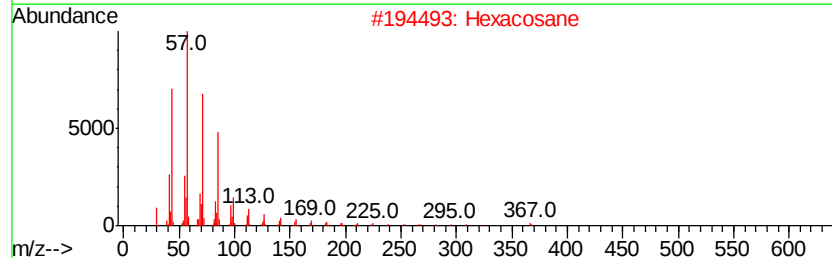
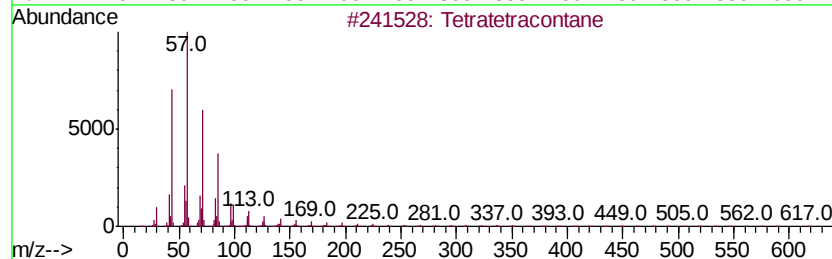
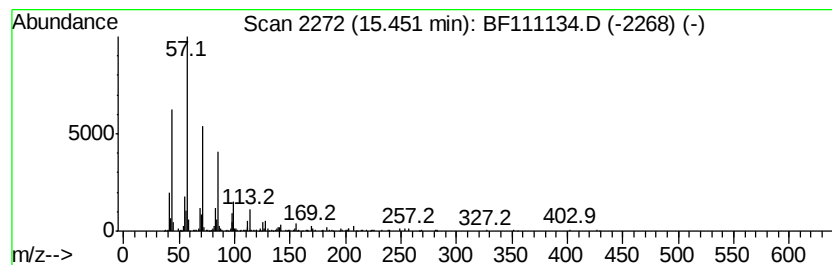
Instrument :
BNA_F
ClientSampleId :
HLSP-FB1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.21 ng	305590	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetratetracontane	619 C44H90	007098-22-8 90
2		Hexacosane	366 C26H54	000630-01-3 90
3		Octacosane	394 C28H58	000630-02-4 87
4		2-methyloctacosane	408 C29H60	1000376-72-8 87
5		Tetracosane, 11-decyl-	479 C34H70	055429-84-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
Data File : BF111134.D
Acq On : 6 Dec 2018 13:18
Operator : JU/SJ
Sample : J6204-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-FB1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
2-Pentanone, 4-hy...	5.00	6.0	ng	871882	1	6.80	2923960	20.0
unknown6.57	6.57	66.1	ng	9661020	1	6.80	2923960	20.0
1-Hexanol, 2-ethyl-	6.87	10.6	ng	1545300	1	6.80	2923960	20.0
2,4,7,9-Tetrameth...	9.29	8.2	ng	1716590	3	9.84	4212020	20.0
7,9-Di-tert-butyl...	11.72	3.5	ng	734287	4	11.32	4149130	20.0
n-Hexadecanoic acid	11.86	2.5	ng	513500	4	11.32	4149130	20.0
Octadecanoic acid	12.64	2.5	ng	462179	5	13.96	3629950	20.0
Tetratetracontane	15.45	2.2	ng	305590	6	15.39	2759550	20.0