

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111525.D
 Acq On : 16 Dec 2018 23:13
 Operator : JU/SJ
 Sample : J6347-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

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-BF121418.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	5.410	562	565	573	rBV	143511	142040	7.47%	0.892%
2	6.445	736	741	750	rBV2	135021	236342	12.43%	1.484%
3	6.557	757	760	766	rBV	306817	275442	14.49%	1.730%
4	6.616	767	770	776	rVB	15912	19987	1.05%	0.126%
5	6.787	795	799	804	rBV	974411	785770	41.34%	4.935%
6	6.940	822	825	830	rBV	316304	289842	15.25%	1.820%
7	7.345	890	894	901	rBV	218892	225458	11.86%	1.416%
8	7.563	928	931	934	rBV	96410	76250	4.01%	0.479%
9	8.069	1013	1017	1023	rBV	1446369	1247091	65.60%	7.833%
10	8.610	1105	1109	1112	rBV	125654	116210	6.11%	0.730%
11	9.145	1196	1200	1207	rBV	660928	611290	32.16%	3.839%
12	9.533	1262	1266	1271	rBV2	130584	154078	8.11%	0.968%
13	9.822	1311	1315	1322	rBV2	1393629	1204678	63.37%	7.566%
14	10.339	1400	1403	1406	rVB	56582	46896	2.47%	0.295%
15	10.610	1445	1449	1454	rBV	208195	200931	10.57%	1.262%
16	11.039	1519	1522	1526	rVB	36658	29001	1.53%	0.182%
17	11.269	1556	1561	1564	rBV5	14748	20045	1.05%	0.126%
18	11.304	1564	1567	1575	rBV	1071996	971809	51.12%	6.104%
19	11.475	1593	1596	1600	rVB	60895	48386	2.55%	0.304%
20	11.657	1624	1627	1631	rVB	25651	24908	1.31%	0.156%
21	11.839	1655	1658	1661	rBV	98450	105149	5.53%	0.660%
22	11.869	1661	1663	1667	rVB	26934	31314	1.65%	0.197%
23	12.222	1720	1723	1726	rVB	26722	26039	1.37%	0.164%
24	12.627	1788	1792	1796	rBV5	31950	45463	2.39%	0.286%
25	12.727	1805	1809	1812	rVB3	25358	35730	1.88%	0.224%
26	12.774	1814	1817	1819	rBV3	18728	20473	1.08%	0.129%
27	12.886	1833	1836	1842	rBV	635494	558614	29.39%	3.509%
28	13.127	1872	1877	1880	rVB3	23902	33703	1.77%	0.212%
29	13.198	1886	1889	1892	rVB	28102	25603	1.35%	0.161%
30	13.469	1933	1935	1938	rVB2	50720	39979	2.10%	0.251%
31	13.639	1961	1964	1966	rBV	35610	31927	1.68%	0.201%
32	13.798	1987	1991	1996	rBV	221891	239380	12.59%	1.504%
33	13.939	2010	2015	2021	rBV2	1218564	1900931	100.00%	11.940%
34	14.051	2030	2034	2037	rBV4	60445	64304	3.38%	0.404%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.116	2041	2045	2050	rVV	353361	307847	16.19%	1.934%
36	14.421	2093	2097	2100	rBV	627856	607477	31.96%	3.815%
37	14.721	2144	2148	2156	rVB	931470	958470	50.42%	6.020%
38	14.816	2162	2164	2170	rVB5	35144	35842	1.89%	0.225%
39	15.045	2199	2203	2208	rBV	899096	1004344	52.83%	6.308%
40	15.380	2255	2260	2263	rBV	626703	790552	41.59%	4.965%
41	15.415	2263	2266	2275	rVB	803890	998704	52.54%	6.273%
42	15.839	2332	2338	2343	rBV	513498	759883	39.97%	4.773%
43	16.327	2416	2421	2429	rVB	257639	438197	23.05%	2.752%
44	16.898	2514	2518	2526	rVB4	72231	134975	7.10%	0.848%

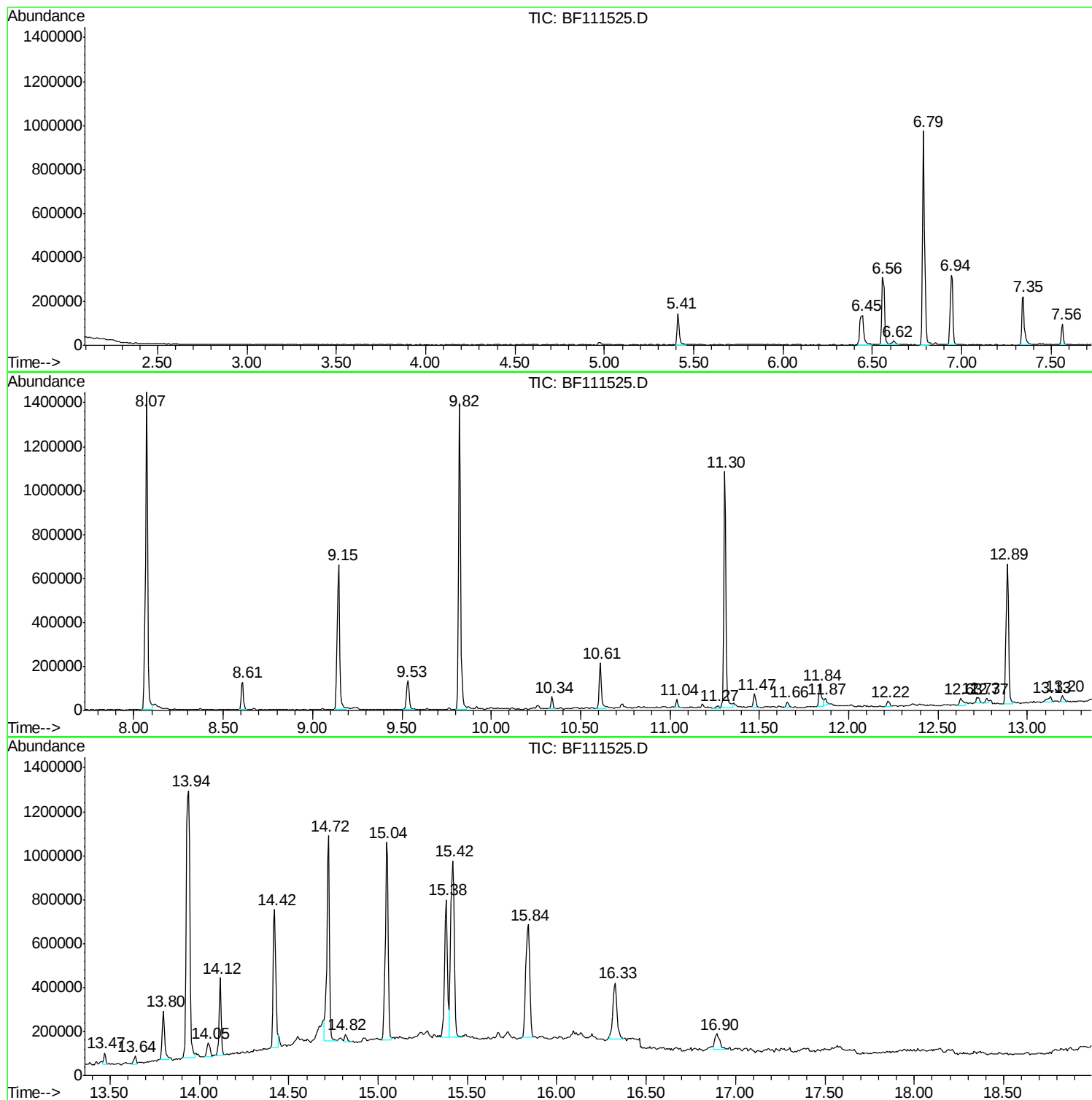
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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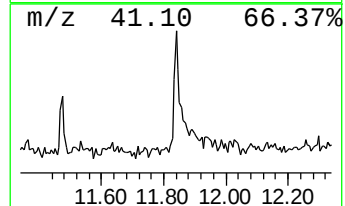
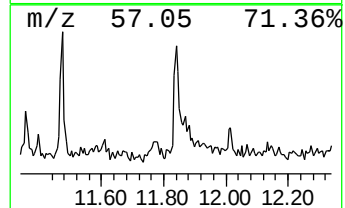
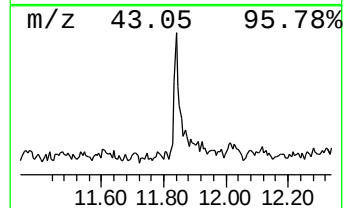
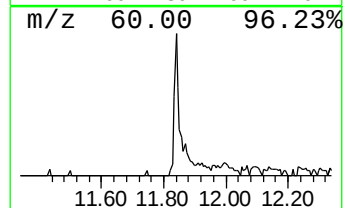
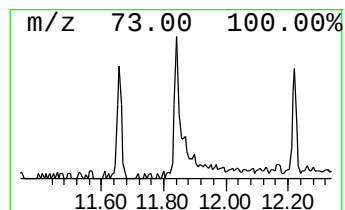
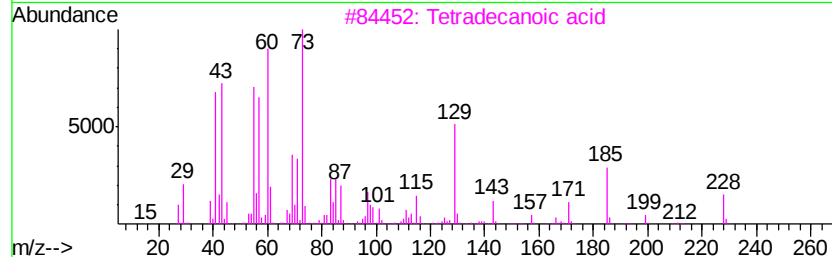
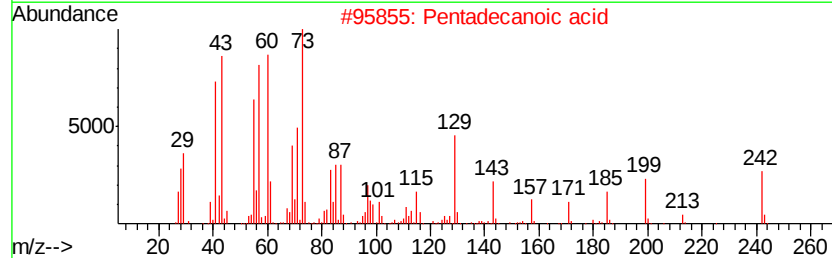
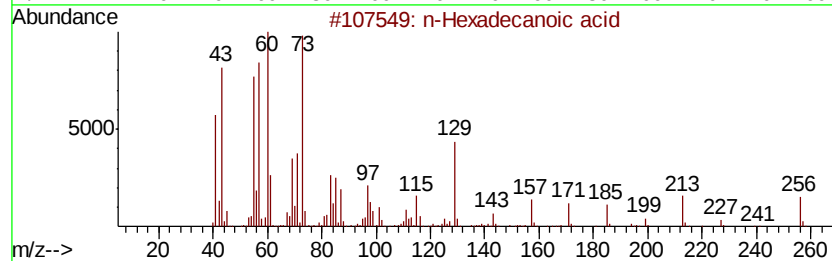
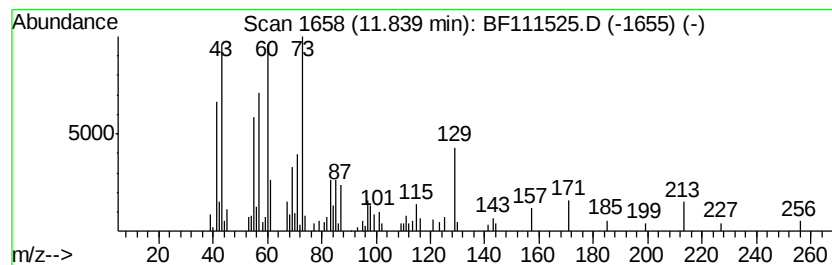
Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.84	2.16 ng	105149	Phenanthrene-d10		11.30	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	11



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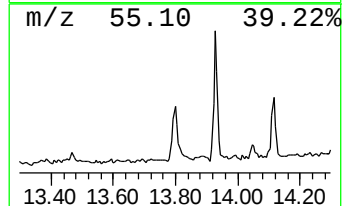
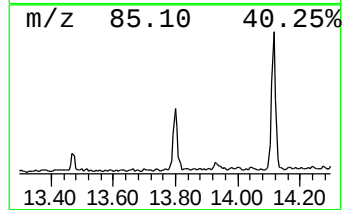
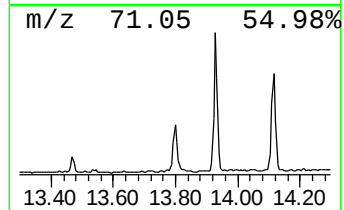
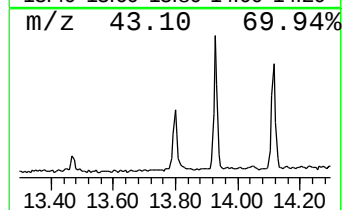
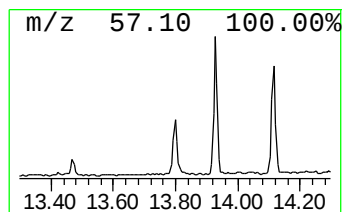
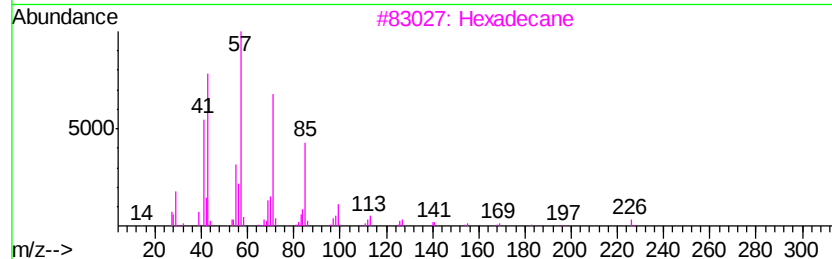
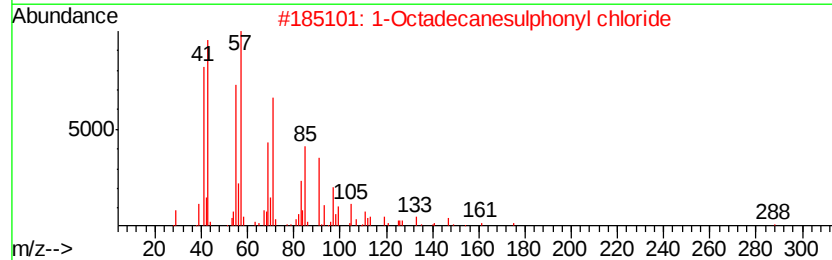
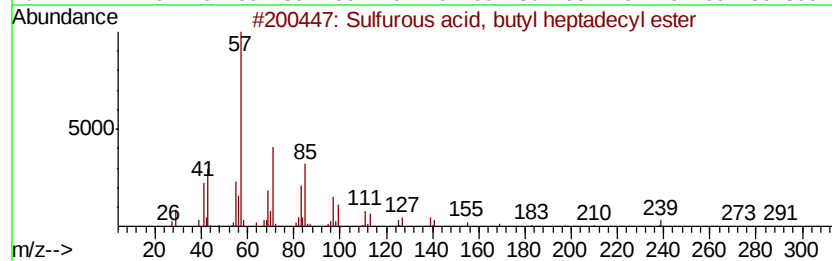
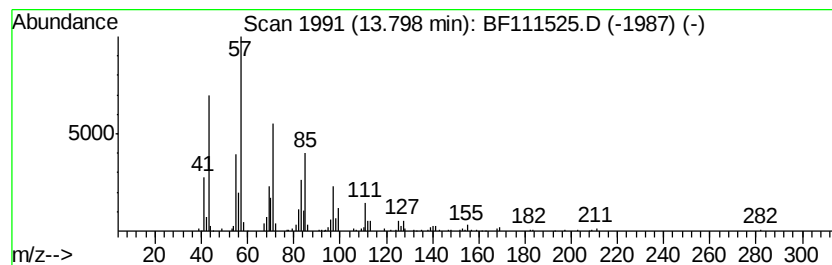
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.52 ng	239380	Chrysene-d12	13.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	90
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	74
3		Hexadecane	226	C16H34	000544-76-3	68
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
5		Pentadecane	212	C15H32	000629-62-9	62



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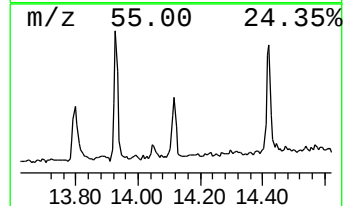
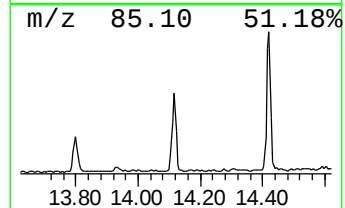
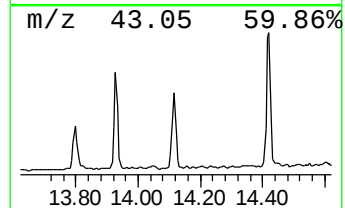
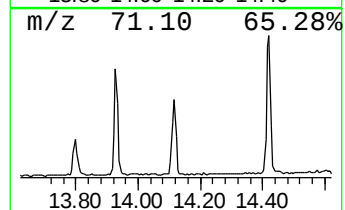
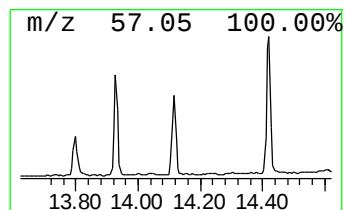
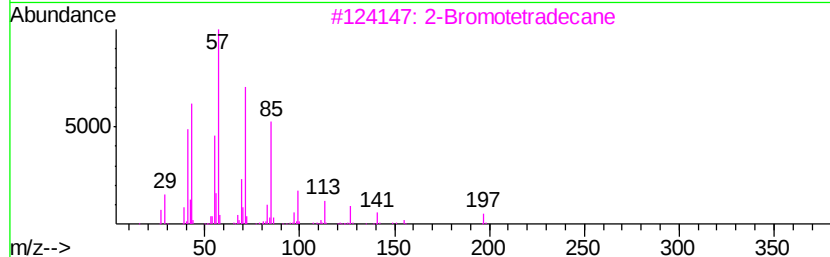
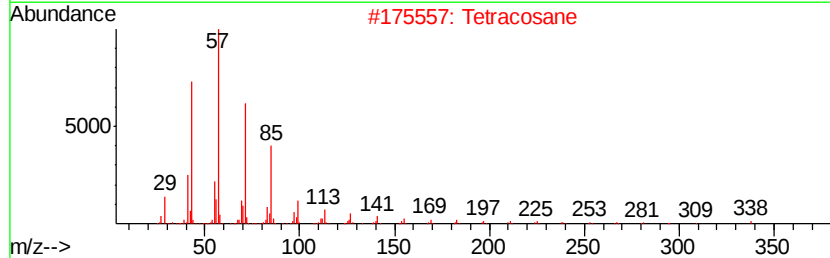
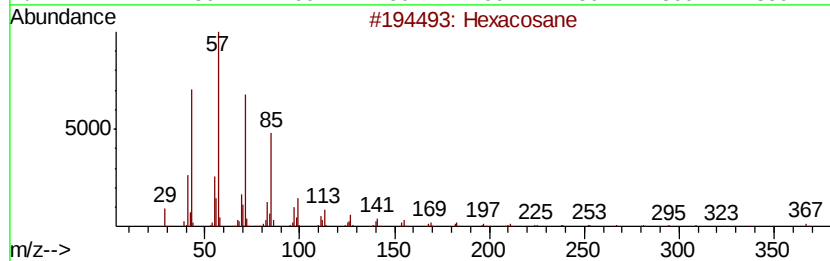
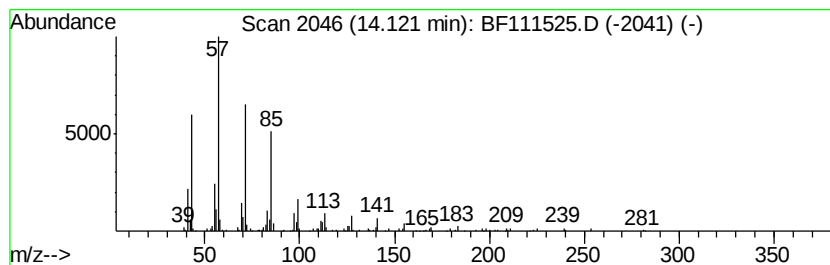
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.24 ng	307847	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	90



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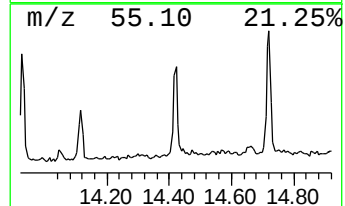
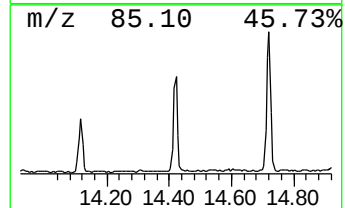
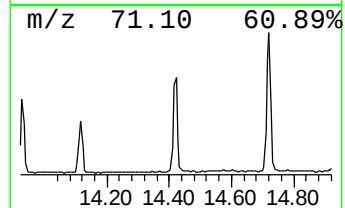
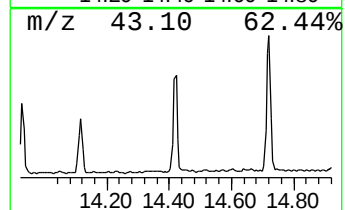
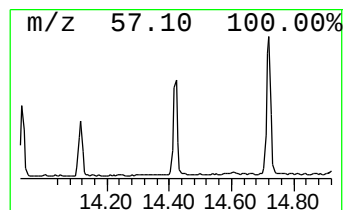
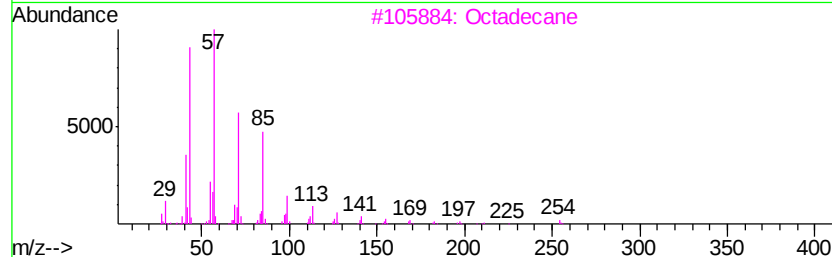
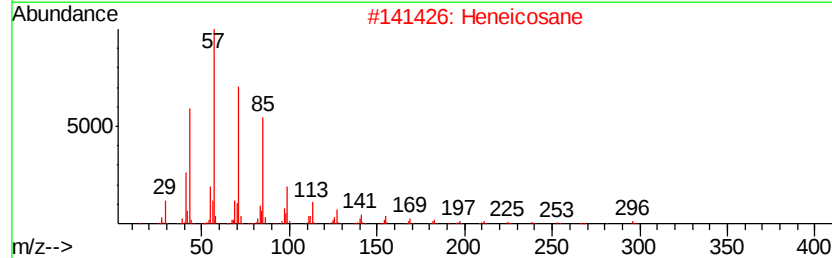
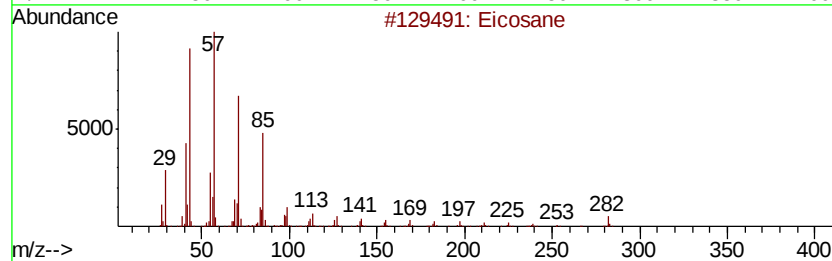
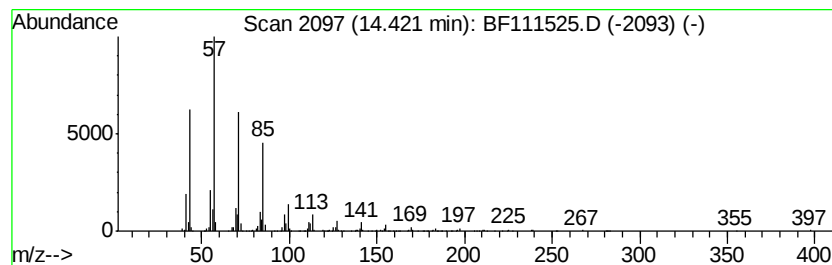
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.39 ng	607477	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane	240	C17H36	000629-78-7	91



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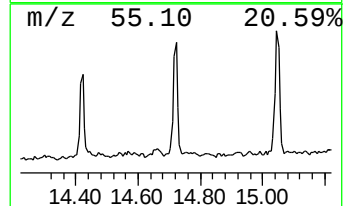
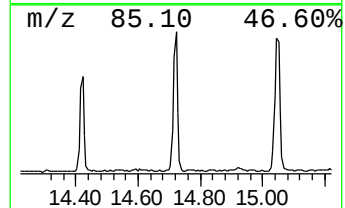
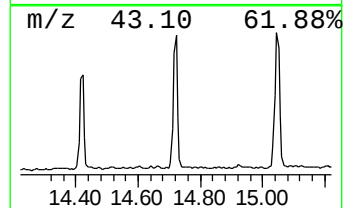
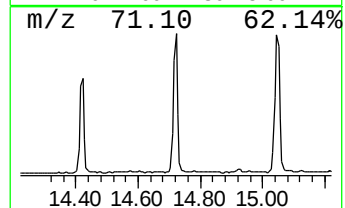
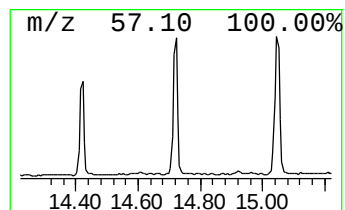
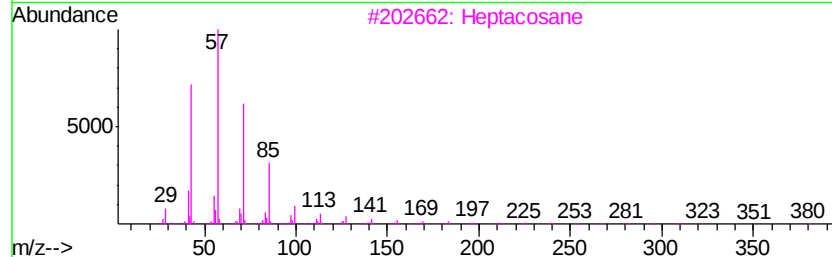
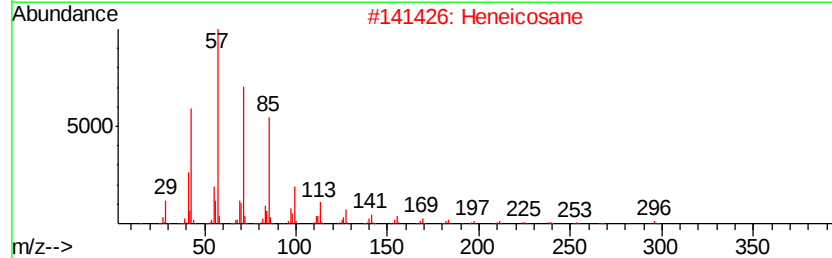
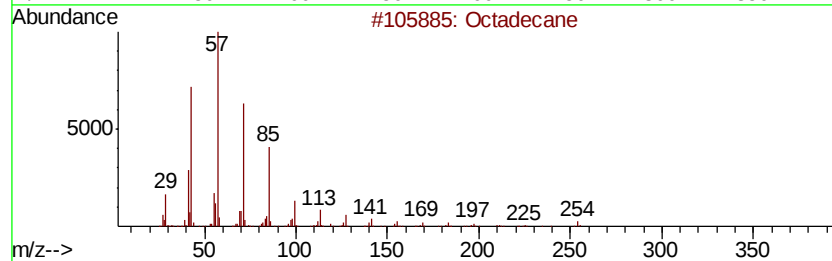
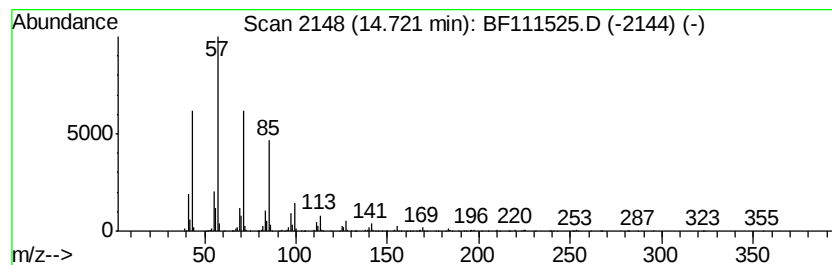
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	24.25 ng	958470	Perylene-d12	15.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Heneicosane		296	C21H44	000629-94-7	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Tetracosane		338	C24H50	000646-31-1	90



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Data File : BF111525.D
Acq On : 16 Dec 2018 23:13
Operator : JU/SJ
Sample : J6347-13
Misc :
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Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

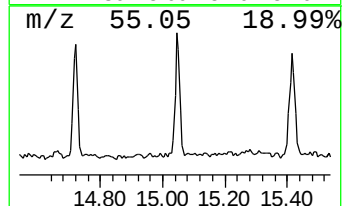
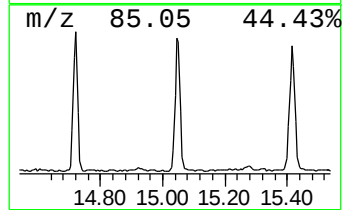
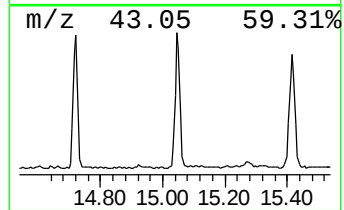
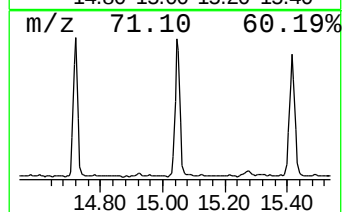
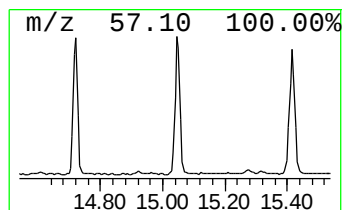
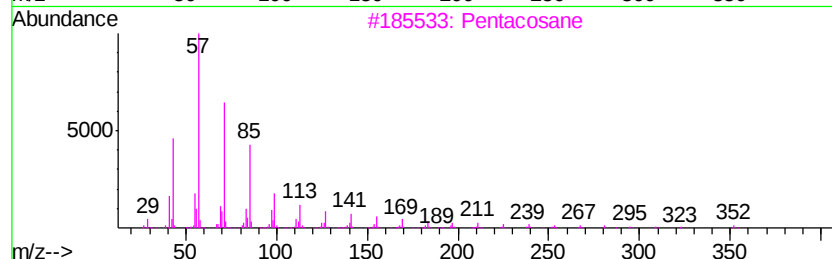
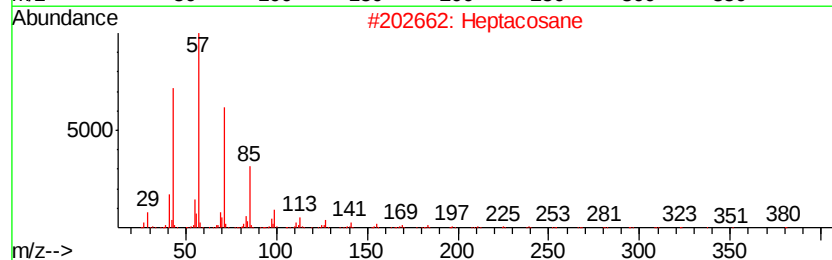
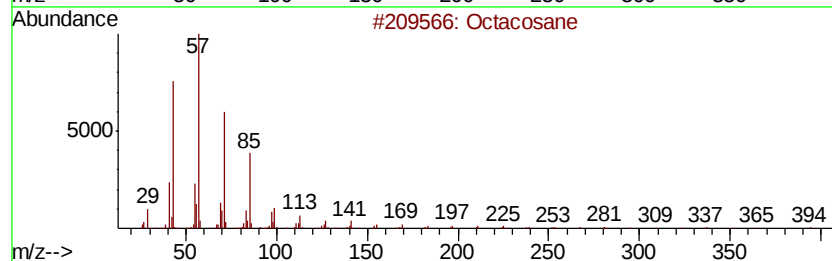
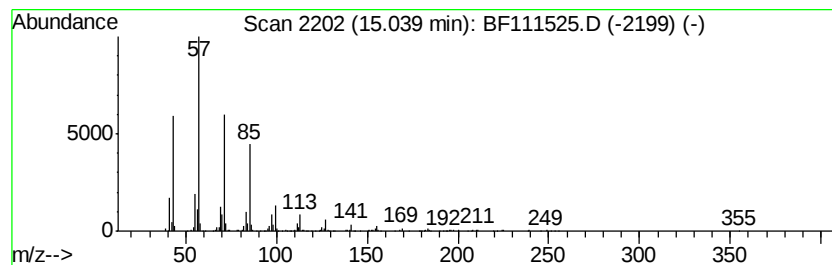
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	25.41 ng	1004340	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111525.D
Acq On : 16 Dec 2018 23:13
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

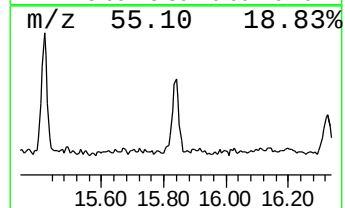
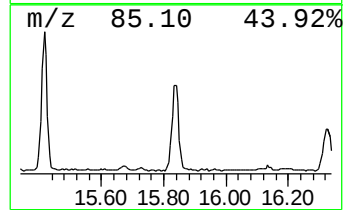
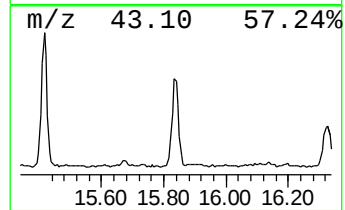
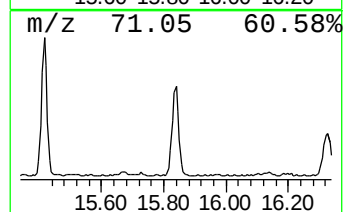
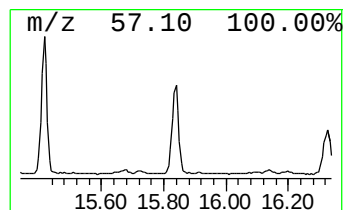
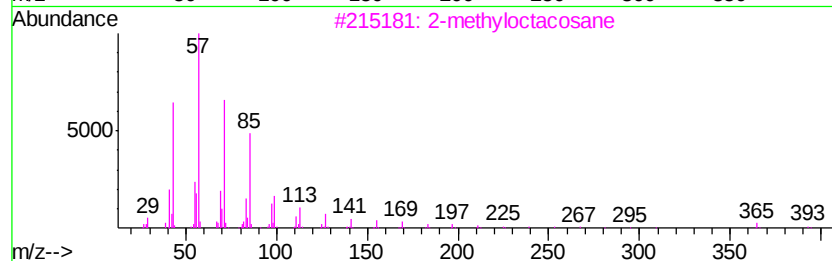
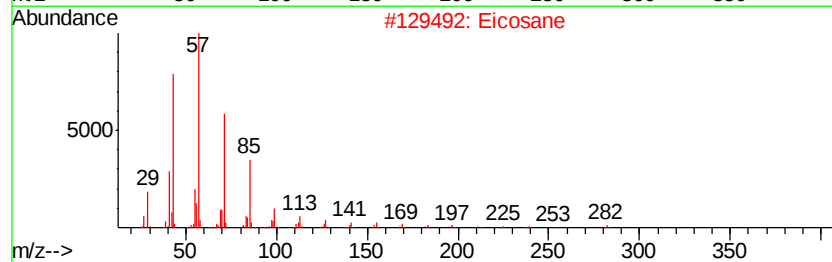
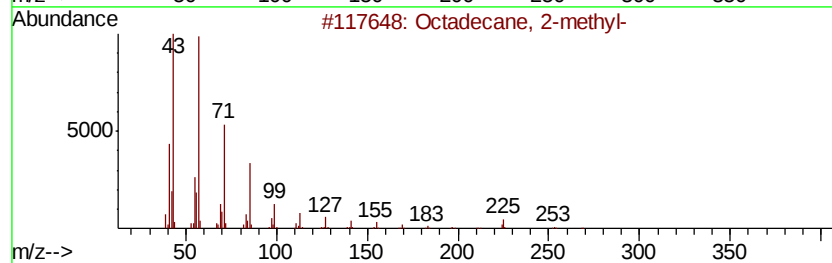
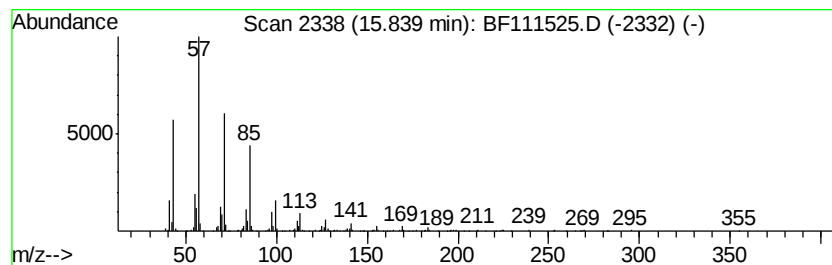
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	19.22 ng	759883	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Eicosane	282	C20H42	000112-95-8	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentacosane	352	C25H52	000629-99-2	91



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Data File : BF111525.D
Acq On : 16 Dec 2018 23:13
Operator : JU/SJ
Sample : J6347-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SW005-01

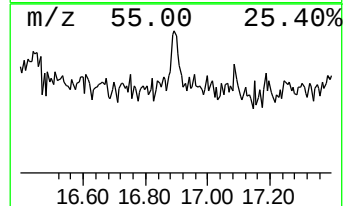
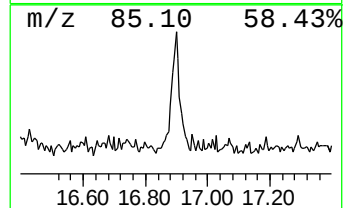
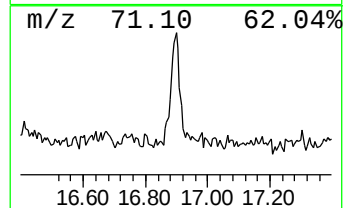
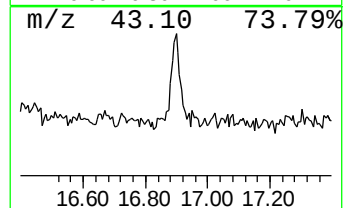
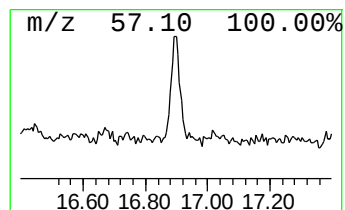
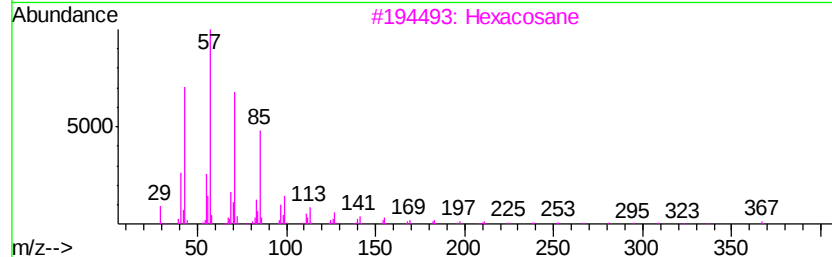
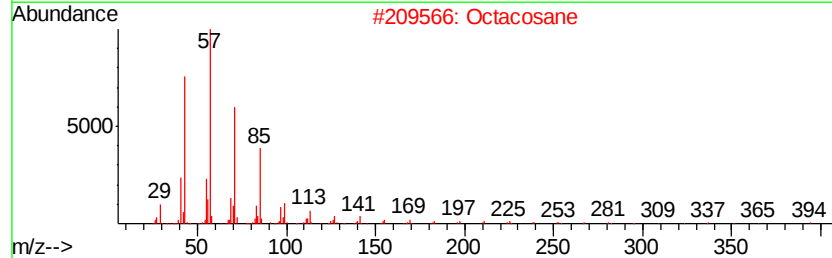
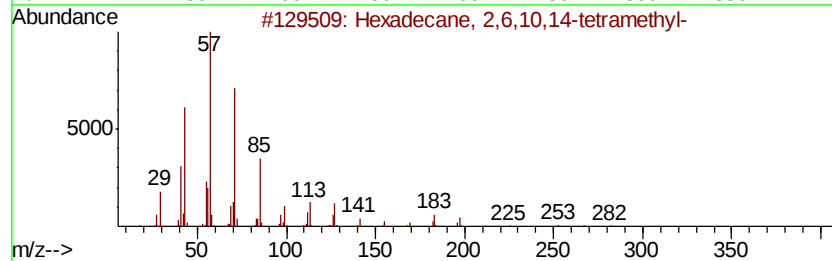
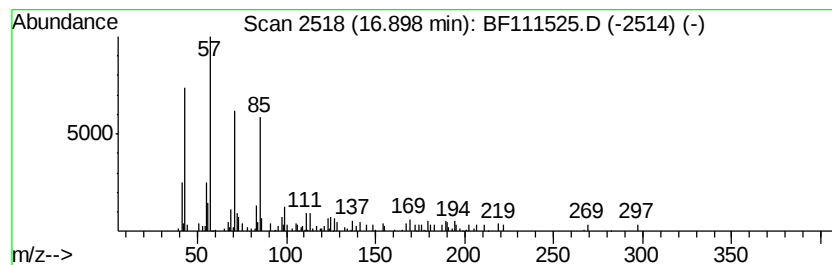
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.41 ng	134975	Perylene-d12	15.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
2			Octacosane	394	C28H58	000630-02-4	58
3			Hexacosane	366	C26H54	000630-01-3	58
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
5			Hexatriacontane	507	C36H74	000630-06-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
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Acq On : 16 Dec 2018 23:13
Operator : JU/SJ
Sample : J6347-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
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Sulfurous acid, b...	13.80	2.5	ng	239380	5	13.94	1900930	20.0
Hexacosane	14.12	3.2	ng	307847	5	13.94	1900930	20.0
Eicosane	14.42	6.4	ng	607477	5	13.94	1900930	20.0
Octadecane	14.72	24.3	ng	958470	6	15.38	790552	20.0
Octacosane	15.04	25.4	ng	1004340	6	15.38	790552	20.0
Octadecane, 2-met...	15.84	19.2	ng	759883	6	15.38	790552	20.0
Hexadecane, 2,6,1...	16.90	3.4	ng	134975	6	15.38	790552	20.0