

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113070.D
 Acq On : 15 Mar 2019 17:17
 Operator : JU/SJ
 Sample : K1685-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-A

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-BF022719.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	5.328	548	551	566	rBV	480140	520294	3.62%	1.173%
2	6.363	723	727	746	rBV	559978	602852	4.19%	1.359%
3	6.492	746	749	765	rVB	696786	591563	4.11%	1.334%
4	6.722	785	788	798	rBV	707303	643370	4.47%	1.450%
5	6.881	811	815	824	rBV	527497	454678	3.16%	1.025%
6	7.281	880	883	897	rBV	281691	328228	2.28%	0.740%
7	8.010	1003	1007	1013	rBV	698308	753872	5.24%	1.699%
8	9.080	1186	1189	1202	rBV	644035	698850	4.86%	1.575%
9	9.757	1300	1304	1308	rBV	1124790	1018709	7.08%	2.297%
10	10.539	1433	1437	1450	rBV	535526	552626	3.84%	1.246%
11	11.233	1551	1555	1557	rBV	1355856	1161578	8.08%	2.619%
12	11.257	1557	1559	1564	rVV	436243	374377	2.60%	0.844%
13	11.639	1620	1624	1627	rBV	4923952	4503471	31.32%	10.152%
14	11.774	1643	1647	1652	rBV2	238917	289436	2.01%	0.652%
15	12.339	1736	1743	1744	rBV	8826482	14378645	100.00%	32.414%
16	12.357	1744	1746	1751	rVV2	8438195	9307302	64.73%	20.982%
17	12.398	1751	1753	1755	rVV	236839	211641	1.47%	0.477%
18	12.427	1755	1758	1762	rVV2	2676140	2755121	19.16%	6.211%
19	12.480	1765	1767	1775	rVB4	223156	322816	2.25%	0.728%
20	12.668	1793	1799	1802	rBV	339536	396552	2.76%	0.894%
21	12.815	1818	1824	1832	rBV	1036849	994411	6.92%	2.242%
22	13.068	1861	1867	1871	rBV3	192399	266023	1.85%	0.600%
23	13.151	1878	1881	1884	rVB	236050	211702	1.47%	0.477%
24	13.815	1990	1994	1997	rBV	254159	232331	1.62%	0.524%
25	13.862	1997	2002	2005	rVV	1287800	1377424	9.58%	3.105%
26	15.268	2236	2241	2245	rBV	902069	1102641	7.67%	2.486%
27	15.304	2245	2247	2253	rVB	135238	163970	1.14%	0.370%
28	15.709	2312	2316	2321	rVB	110335	144566	1.01%	0.326%

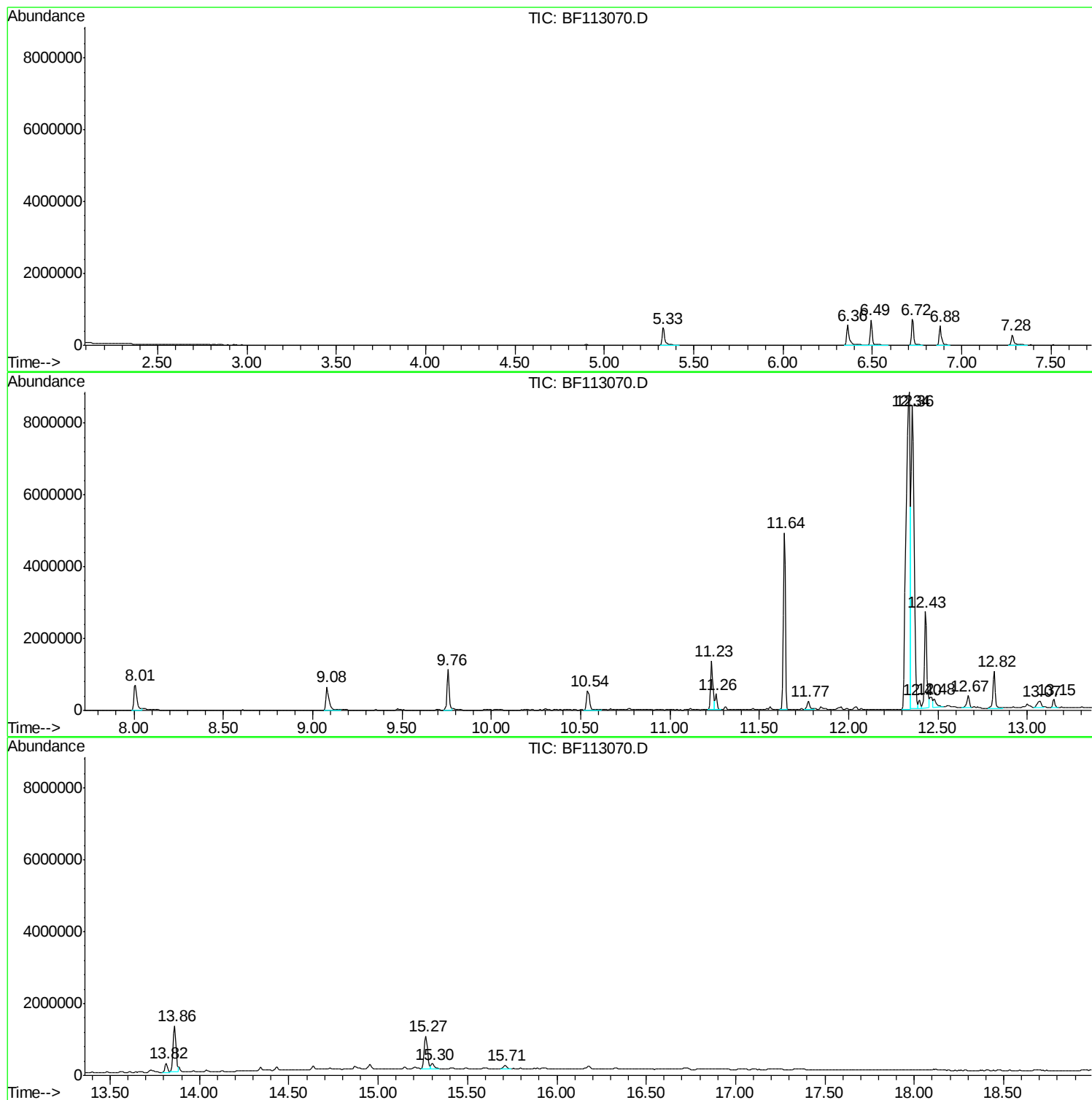
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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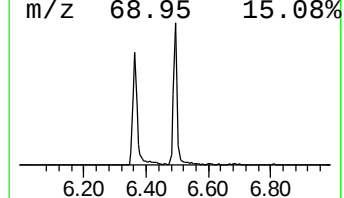
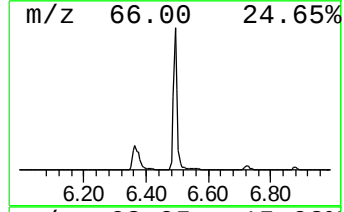
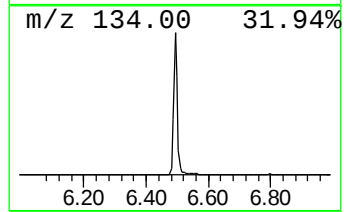
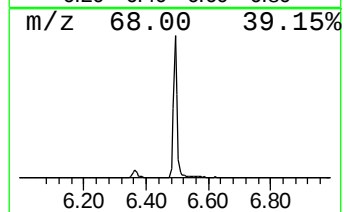
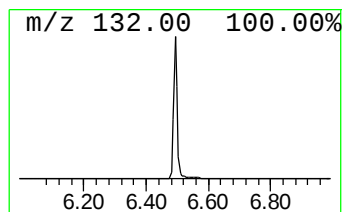
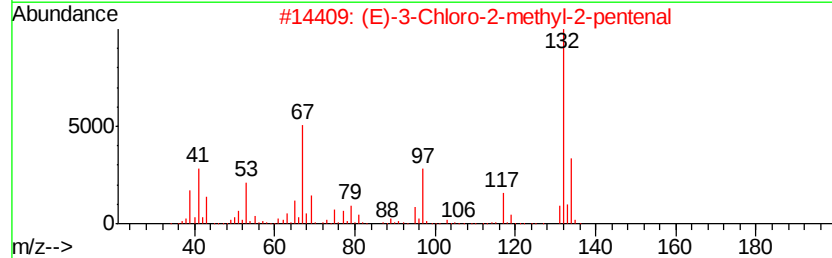
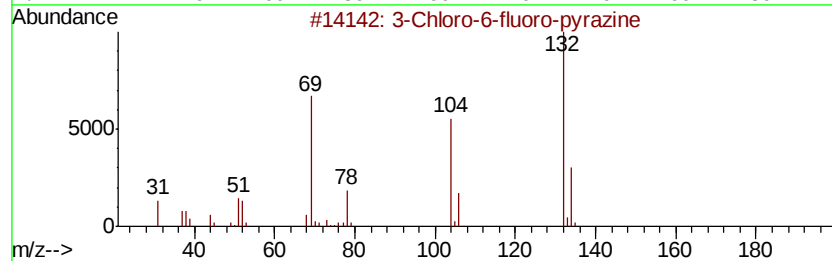
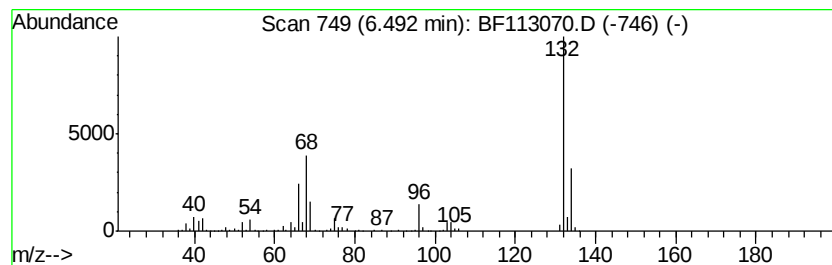
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	18.39 ng	591563	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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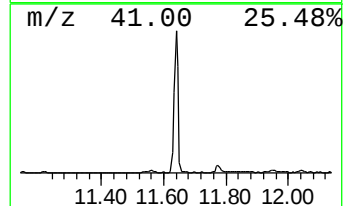
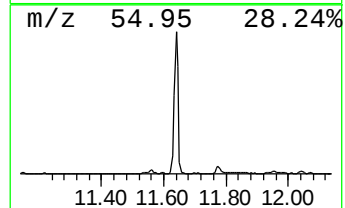
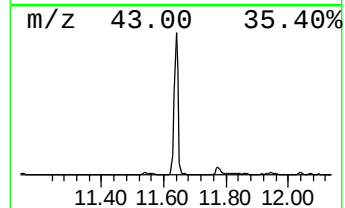
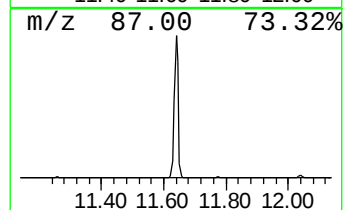
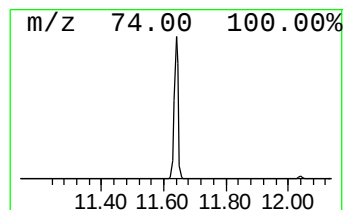
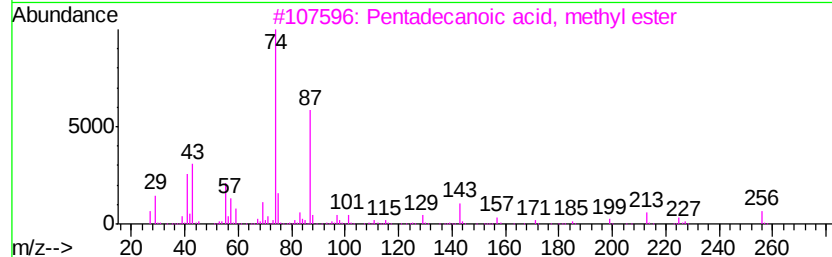
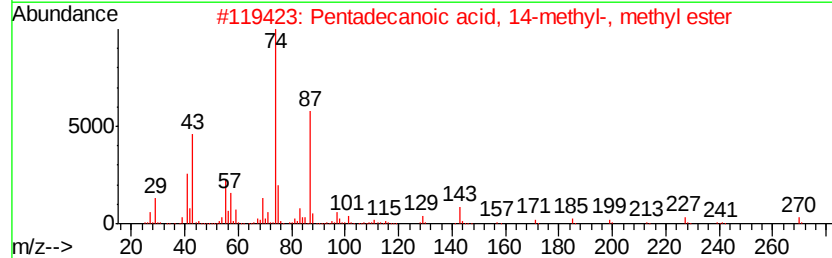
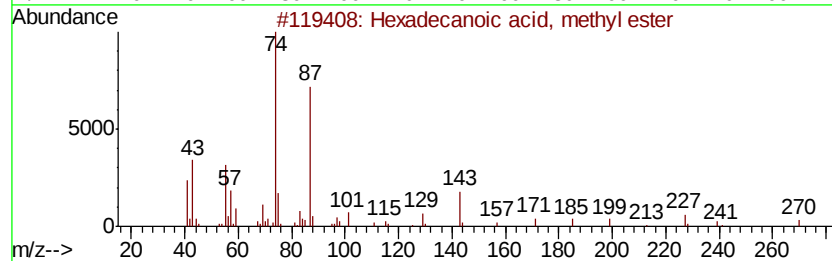
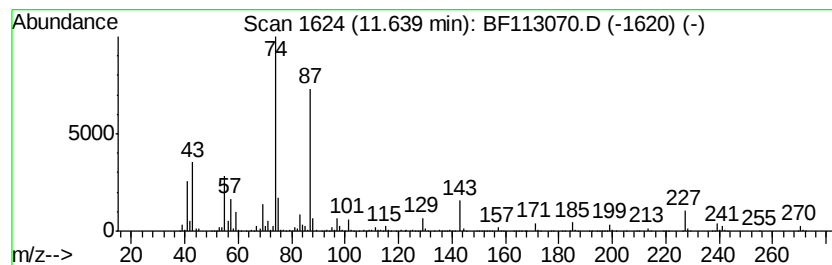
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 Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	77.54 ng	4503470	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83



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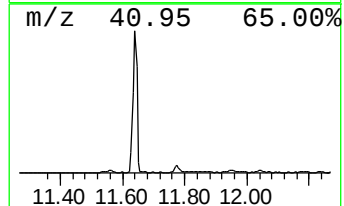
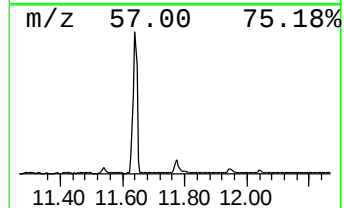
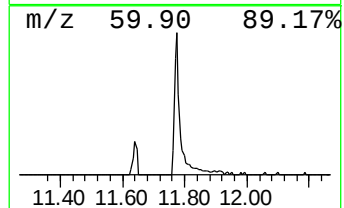
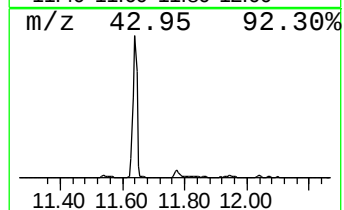
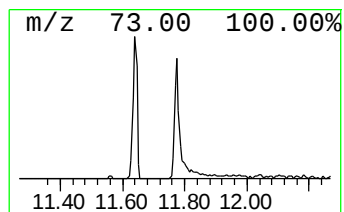
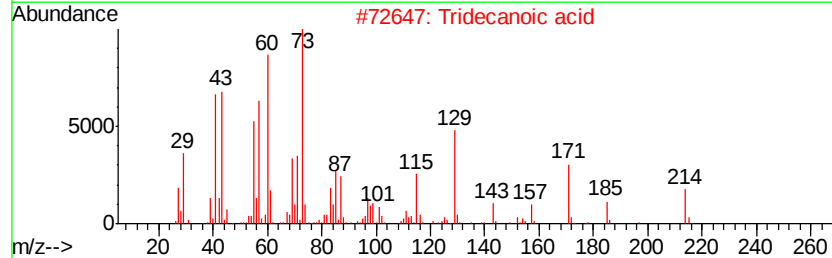
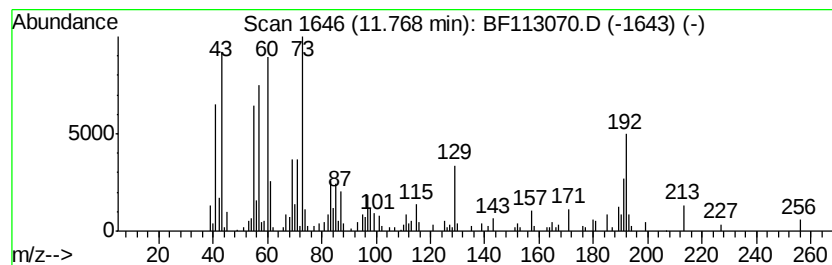
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.98 ng	289436	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68	



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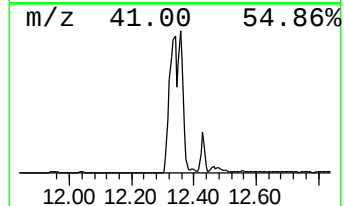
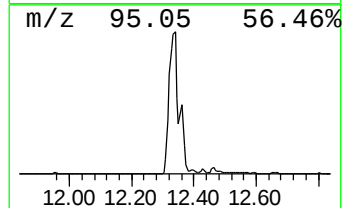
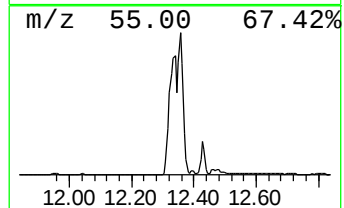
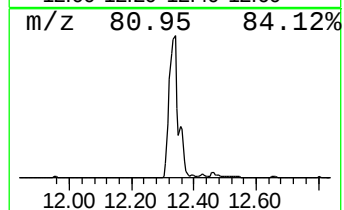
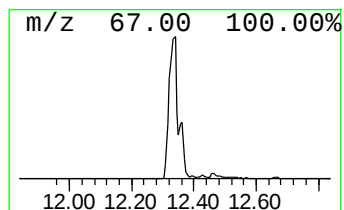
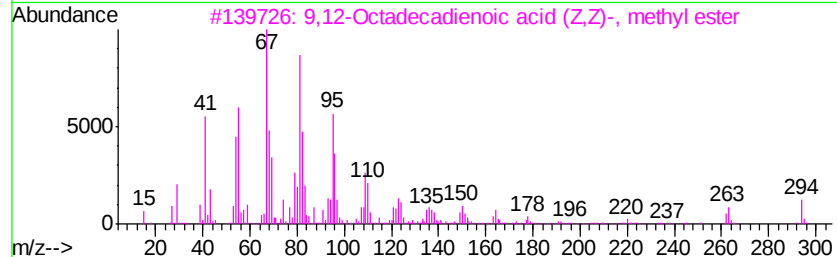
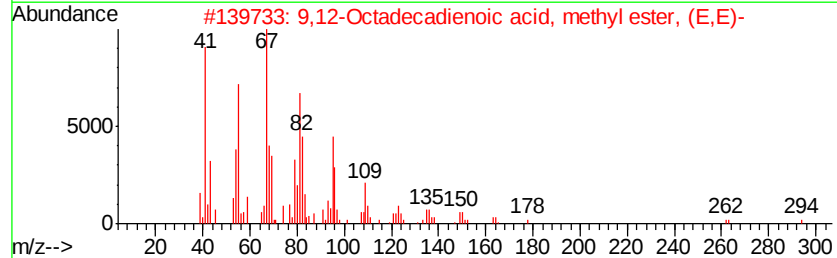
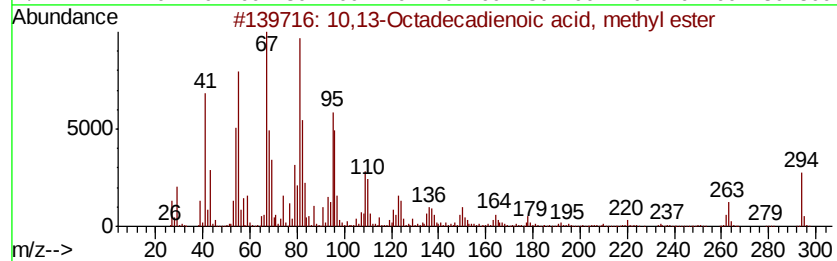
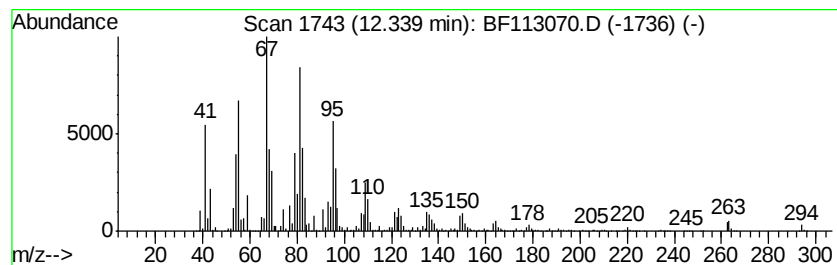
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Peak Number 5 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	247.57 ng	14378600	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99



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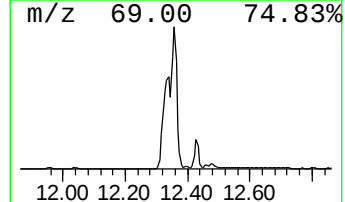
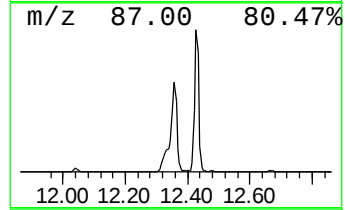
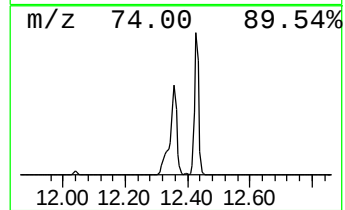
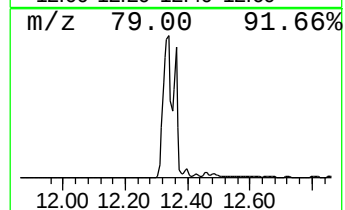
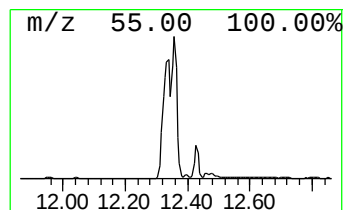
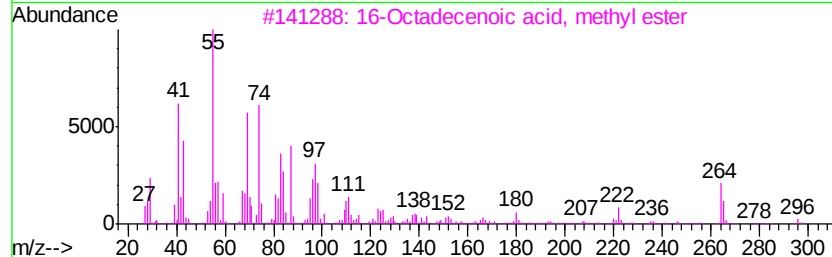
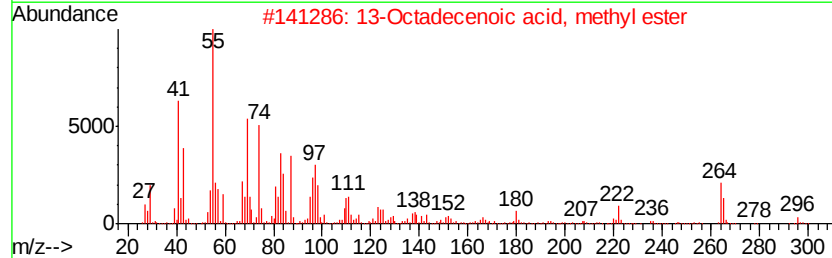
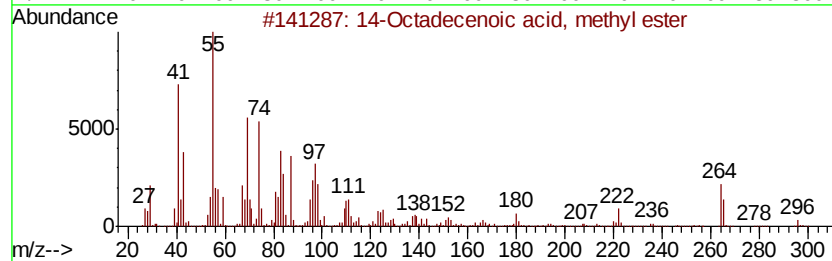
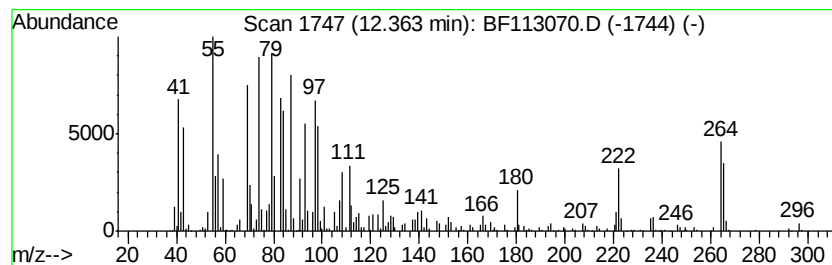
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Peak Number 6 14-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.36	160.25 ng	9307300	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	90



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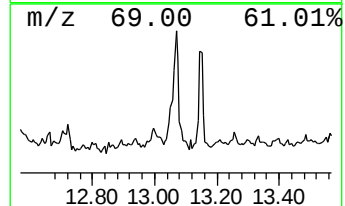
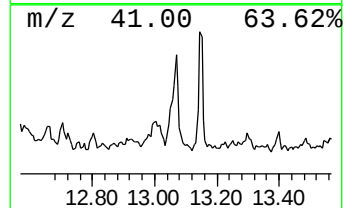
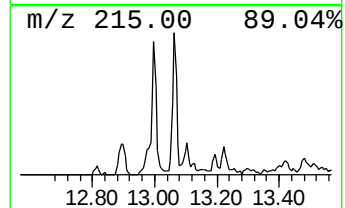
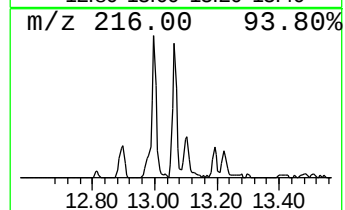
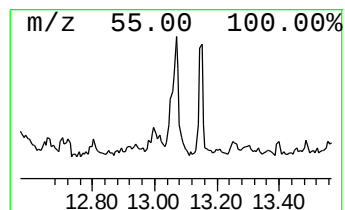
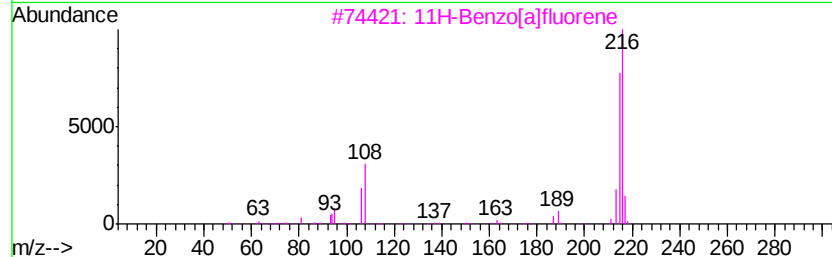
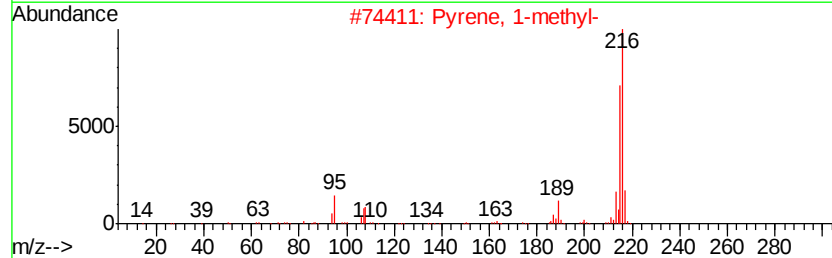
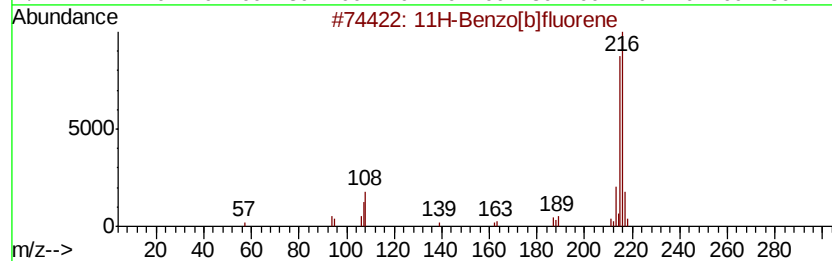
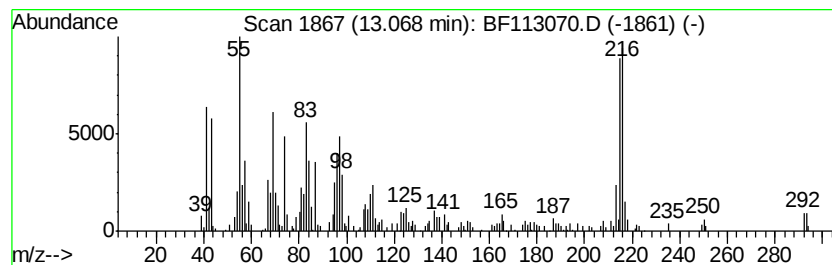
Instrument :
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ClientSampleId :
AU-05-031419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.86 ng	266023	Chrysene-d12	13.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 84
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 64
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 43
4		1,3,5-Triazine-2,4,6-triamine, N...	216 C10H12N6	046731-79-7 38
5		Cyclopropaneoctanoic acid, 2-hex...	282 C18H34O2	010152-61-1 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113070.D
Acq On : 15 Mar 2019 17:17
Operator : JU/SJ
Sample : K1685-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-A

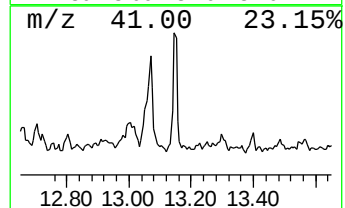
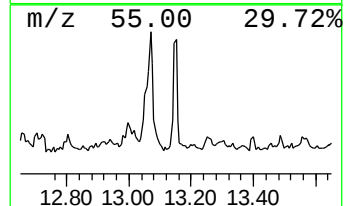
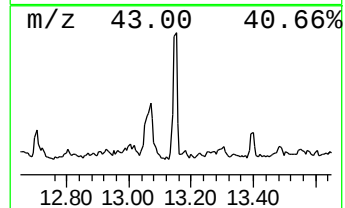
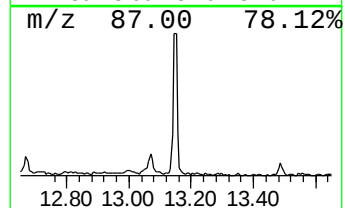
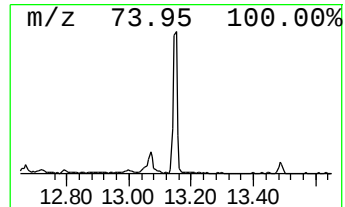
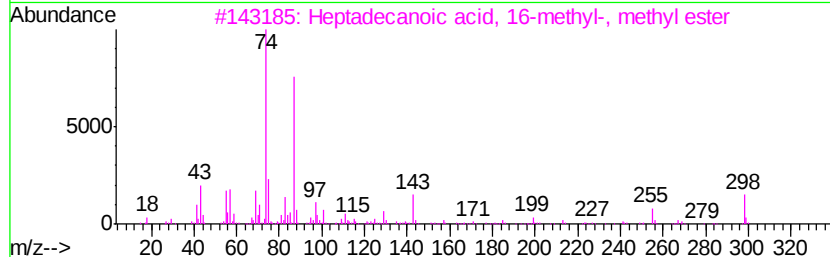
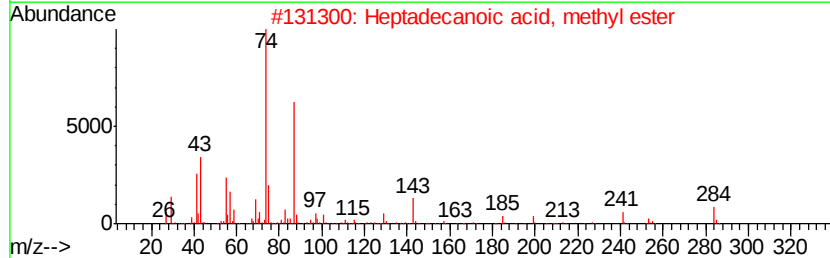
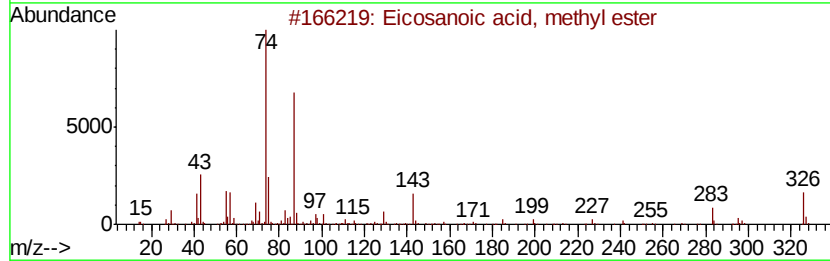
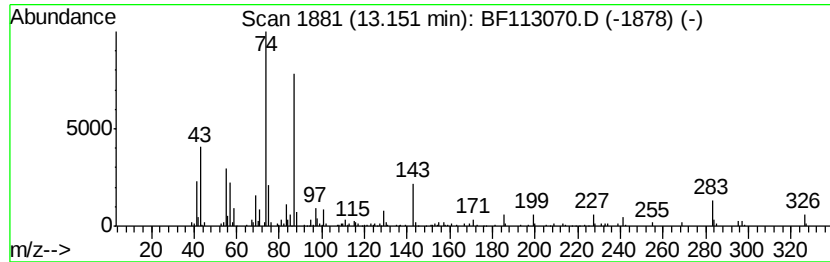
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.07 ng	211702	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113070.D
Acq On : 15 Mar 2019 17:17
Operator : JU/SJ
Sample : K1685-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-A

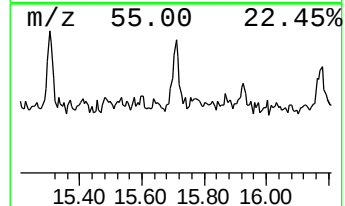
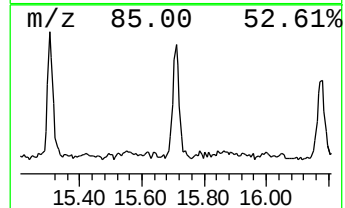
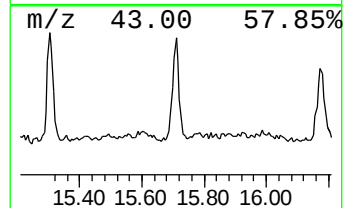
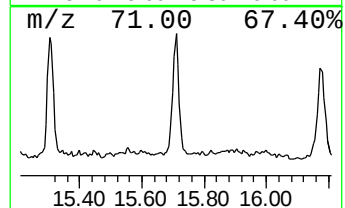
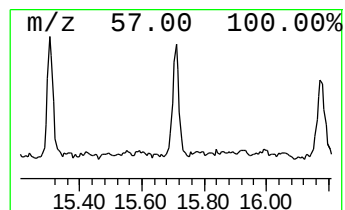
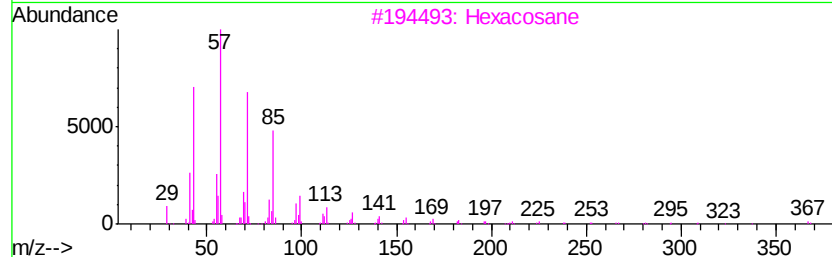
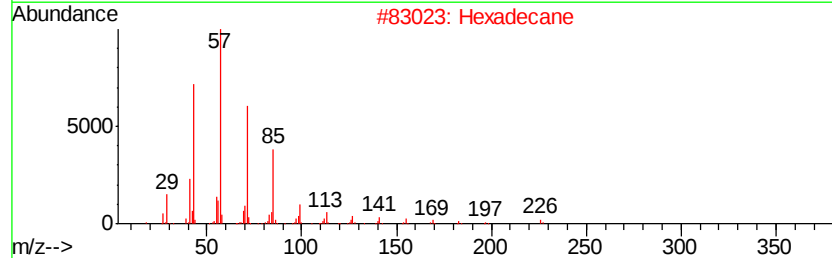
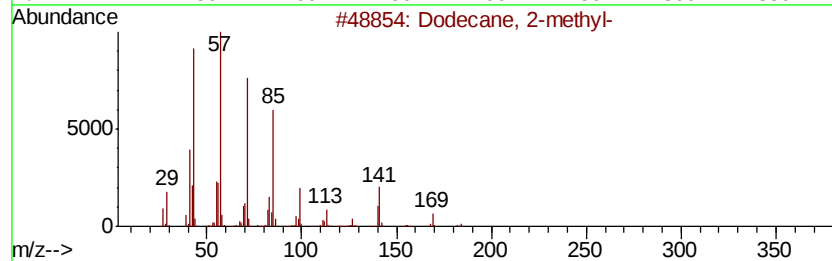
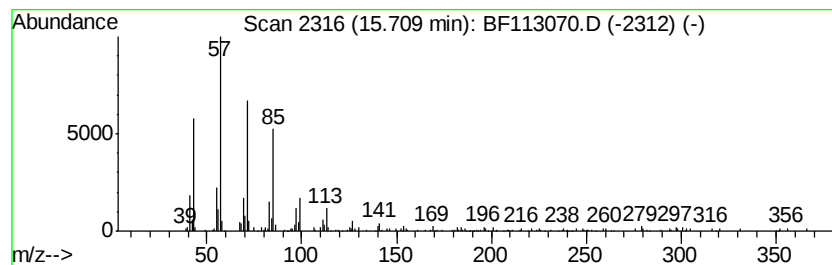
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.62 ng	144566	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Hexadecane	226	C16H34	000544-76-3	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113070.D
Acq On : 15 Mar 2019 17:17
Operator : JU/SJ
Sample : K1685-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	18.4	ng	591563	1	6.72	643370	20.0
Hexadecanoic acid...	11.64	77.5	ng	4503470	4	11.23	1161580	20.0
n-Hexadecanoic acid	11.77	5.0	ng	289436	4	11.23	1161580	20.0
10,13-Octadecadie...	12.34	247.6	ng	14378600	4	11.23	1161580	20.0
14-Octadecenoic a...	12.36	160.3	ng	9307300	4	11.23	1161580	20.0
11H-Benzo[b]fluorene	13.07	3.9	ng	266023	5	13.86	1377420	20.0
Eicosanoic acid, ...	13.15	3.1	ng	211702	5	13.86	1377420	20.0
Dodecane, 2-methyl-	15.71	2.6	ng	144566	6	15.27	1102640	20.0