

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113835.D
 Acq On : 18 Apr 2019 23:54
 Operator : JU/SJ
 Sample : K2197-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-E

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-BF041819.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	2.187	13	17	22	rVB	38208	49107	1.54%	0.146%
2	5.510	578	582	586	rBV	2310153	2284845	71.62%	6.814%
3	6.516	748	753	756	rBV	2236662	2226714	69.80%	6.641%
4	6.663	774	778	781	rBV	2720704	2345174	73.51%	6.994%
5	6.892	814	817	821	rBV	871624	780233	24.46%	2.327%
6	7.051	840	844	848	rBV	2286078	1897002	59.46%	5.657%
7	7.451	907	912	915	rBV	1435227	1320239	41.38%	3.937%
8	8.175	1031	1035	1038	rBV	1138390	878896	27.55%	2.621%
9	9.251	1214	1218	1221	rVB	2788835	2408744	75.51%	7.184%
10	9.639	1281	1284	1287	rBV	227833	193762	6.07%	0.578%
11	9.927	1329	1333	1337	rVB2	1129260	902757	28.30%	2.692%
12	10.363	1404	1407	1410	rVB	56921	42930	1.35%	0.128%
13	10.586	1439	1445	1448	rBV	30241	42721	1.34%	0.127%
14	10.710	1462	1466	1470	rBV	1912546	1607254	50.38%	4.793%
15	10.839	1485	1488	1489	rBV	62604	57695	1.81%	0.172%
16	11.286	1561	1564	1566	rBV	60085	50773	1.59%	0.151%
17	11.316	1566	1569	1574	rVB2	33861	39444	1.24%	0.118%
18	11.410	1581	1585	1588	rBV	1283492	1080697	33.88%	3.223%
19	11.433	1588	1589	1592	rVV	160167	87142	2.73%	0.260%
20	11.486	1592	1598	1601	rVB	33174	42547	1.33%	0.127%
21	11.710	1633	1636	1638	rBV	64870	47909	1.50%	0.143%
22	11.810	1649	1653	1656	rBV	948549	837227	26.24%	2.497%
23	11.939	1672	1675	1680	rBV	369593	336970	10.56%	1.005%
24	12.021	1686	1689	1692	rBV	43321	39106	1.23%	0.117%
25	12.116	1702	1705	1709	rBV	61689	56879	1.78%	0.170%
26	12.492	1765	1769	1771	rBV	3311302	3062650	96.00%	9.134%
27	12.515	1771	1773	1776	rVB2	2714849	2036156	63.83%	6.072%
28	12.598	1784	1787	1789	rBV	536993	439862	13.79%	1.312%
29	12.621	1789	1791	1793	rVV	422080	342757	10.74%	1.022%
30	12.645	1793	1795	1804	rVV3	148693	198163	6.21%	0.591%
31	12.721	1804	1808	1815	rVV2	193937	222874	6.99%	0.665%
32	12.845	1823	1829	1832	rBV	302135	381226	11.95%	1.137%
33	12.992	1850	1854	1858	rBV	3547190	3190160	100.00%	9.514%
34	13.180	1883	1886	1888	rBV	59237	55945	1.75%	0.167%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.374	1917	1919	1922	rBV2	48951	43688	1.37%	0.130%
36	13.886	2003	2006	2011	rBV	561503	547887	17.17%	1.634%
37	14.045	2028	2033	2035	rBV2	1461510	1512576	47.41%	4.511%
38	14.068	2035	2037	2040	rVB	200317	146234	4.58%	0.436%
39	14.521	2111	2114	2118	rBV	188961	167026	5.24%	0.498%
40	14.833	2165	2167	2170	rVB	113353	85543	2.68%	0.255%
41	15.080	2207	2209	2213	rBV	114694	146464	4.59%	0.437%
42	15.174	2222	2225	2234	rVB2	194014	306282	9.60%	0.913%
43	15.515	2279	2283	2287	rVB	849766	988876	31.00%	2.949%

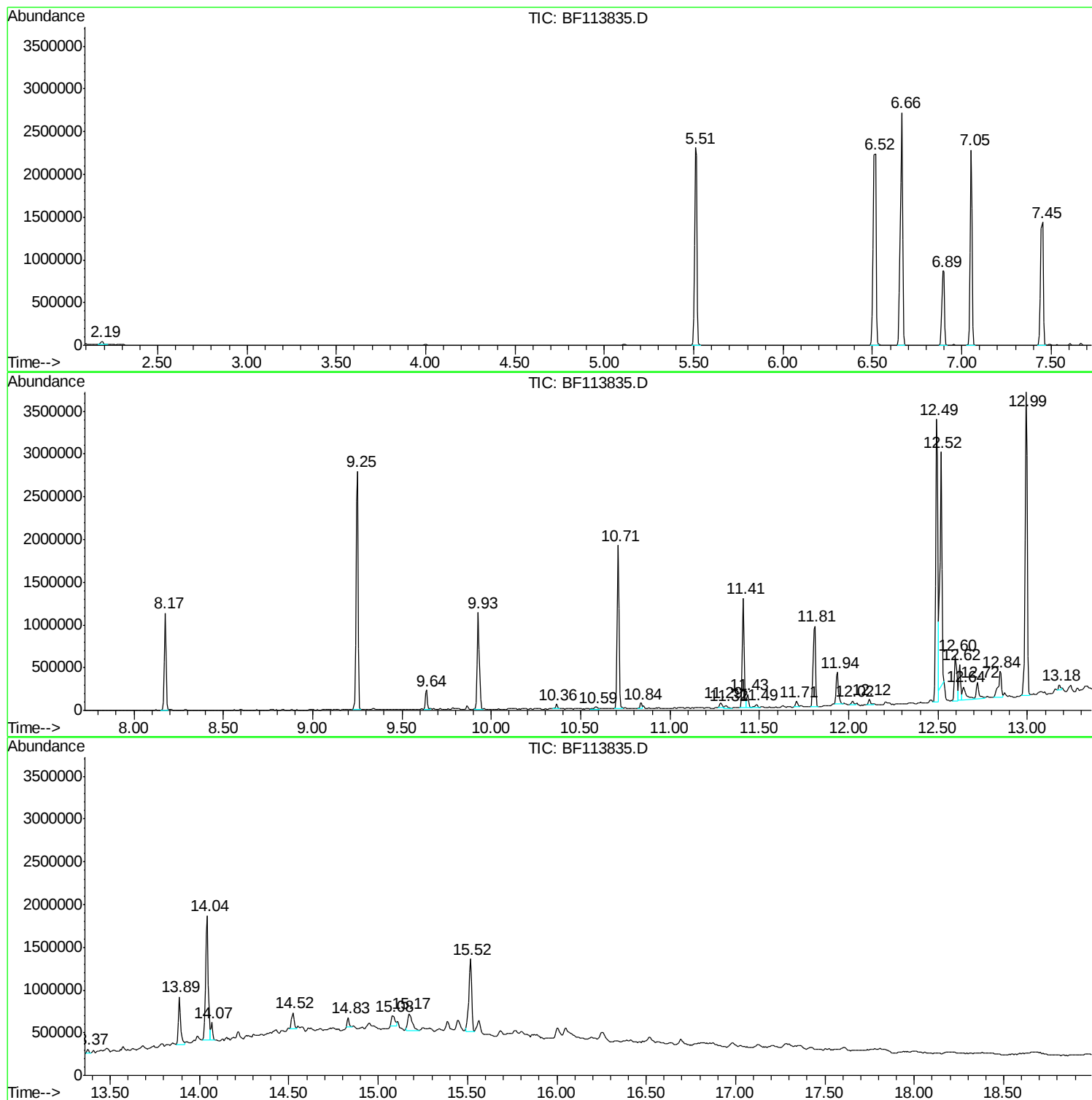
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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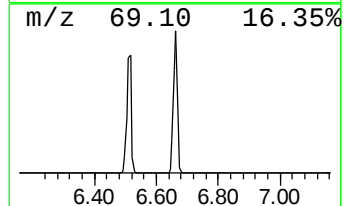
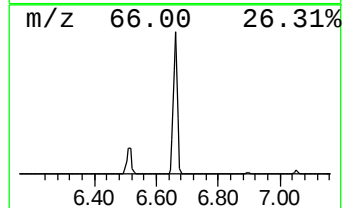
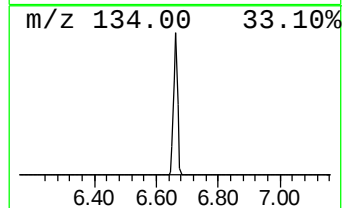
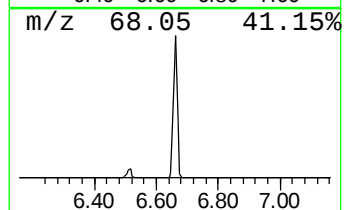
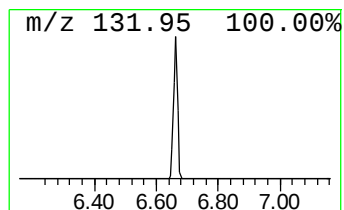
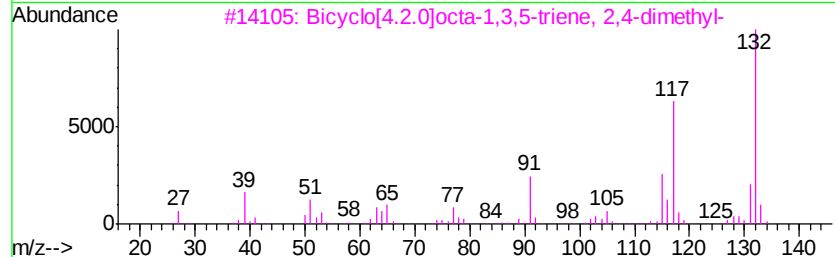
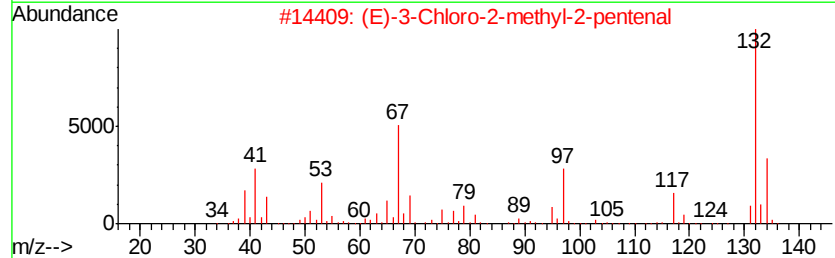
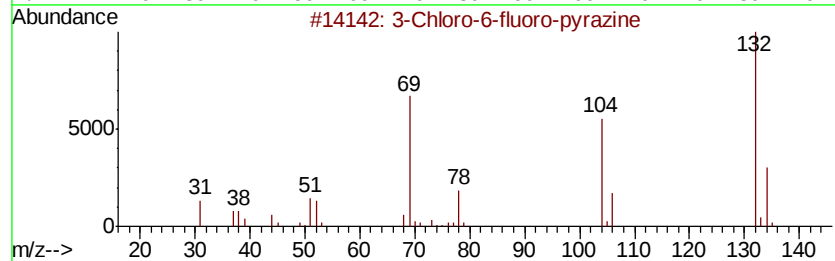
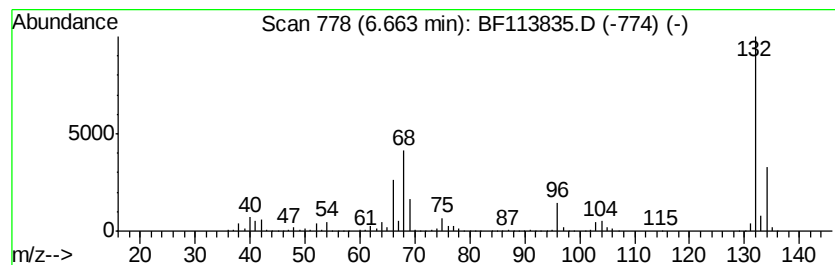
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	60.11 ng	2345170	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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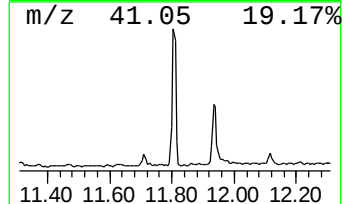
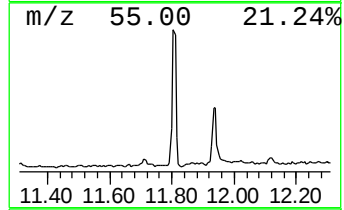
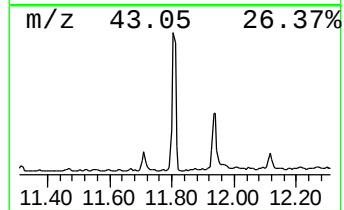
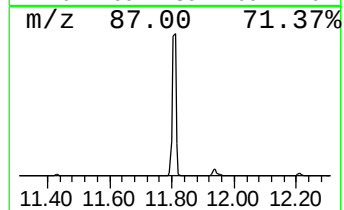
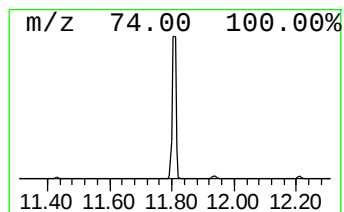
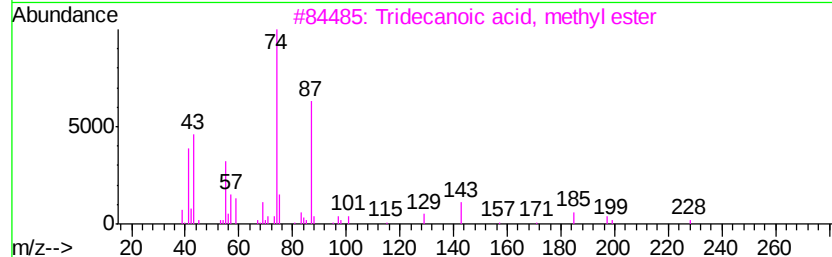
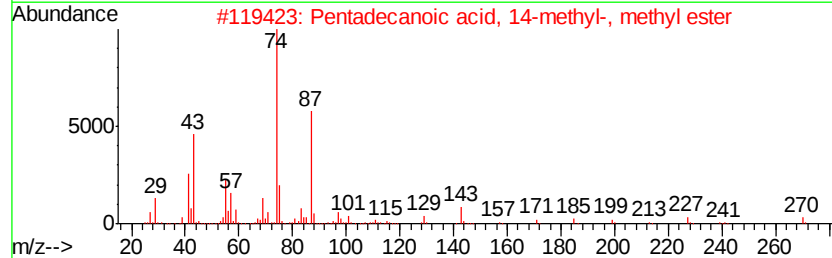
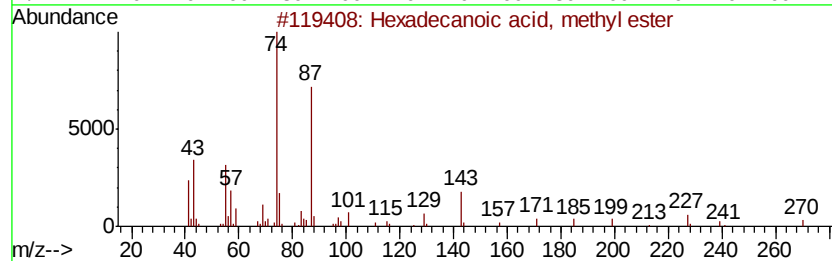
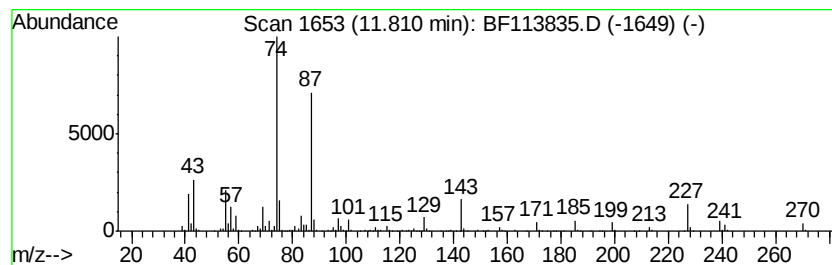
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	15.49 ng	837227	Phenanthrene-d10	11.41

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	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	72



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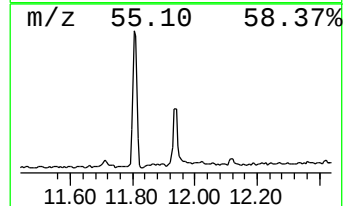
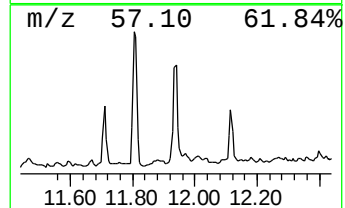
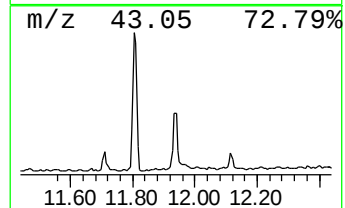
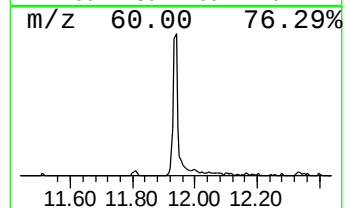
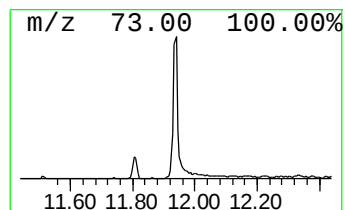
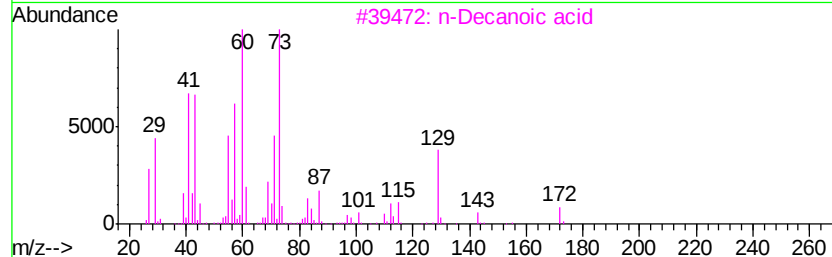
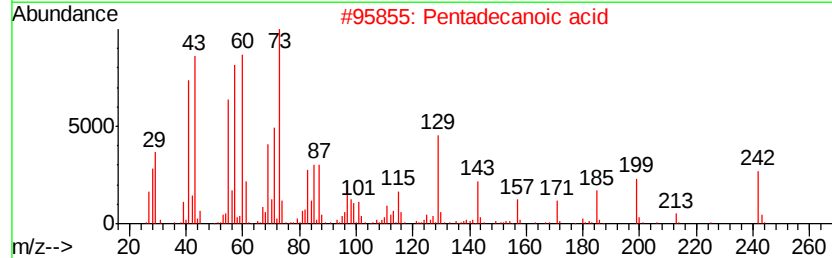
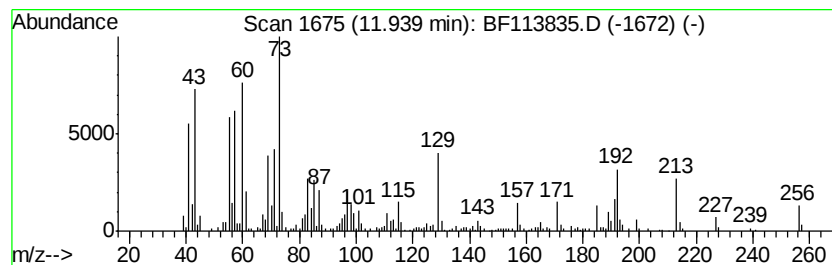
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.94	6.24 ng	336970	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49



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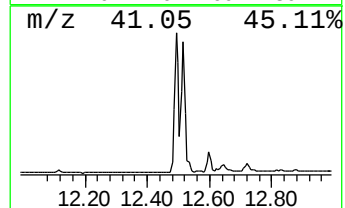
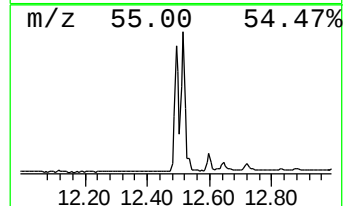
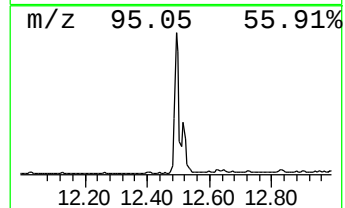
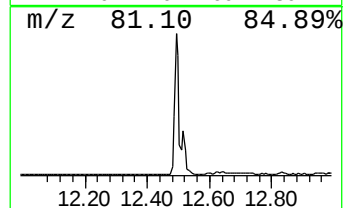
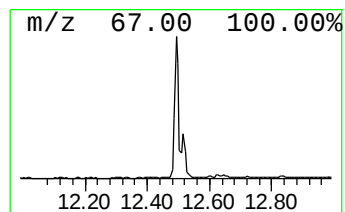
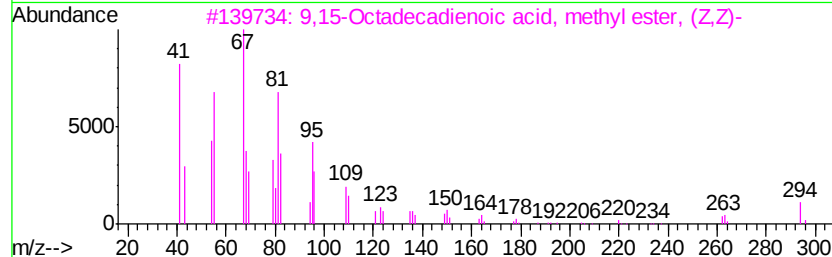
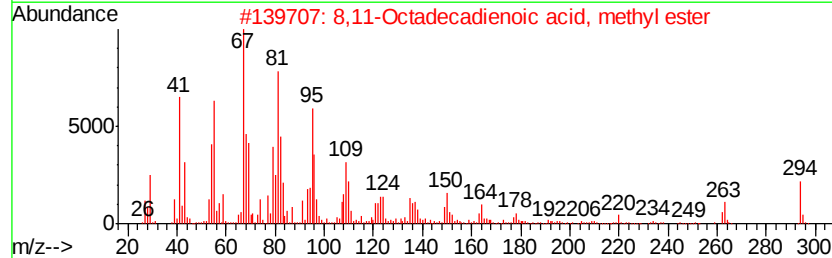
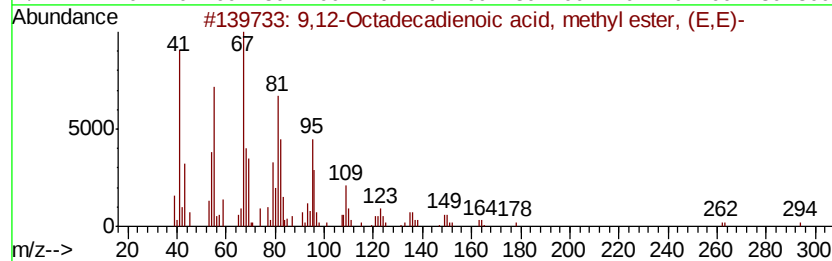
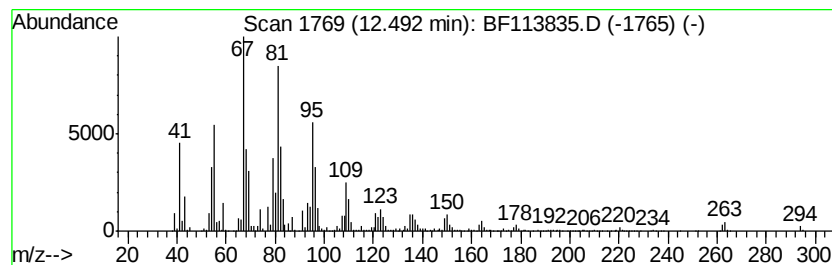
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	56.68 ng	3062650	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	99	
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98	



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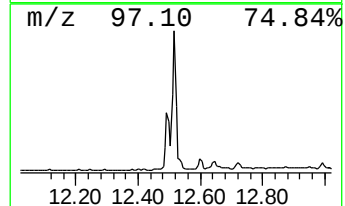
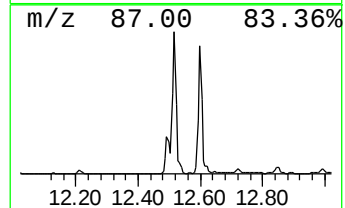
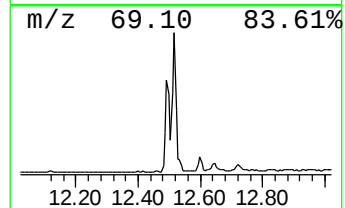
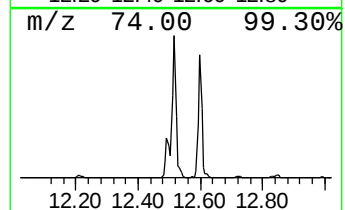
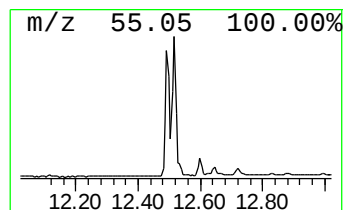
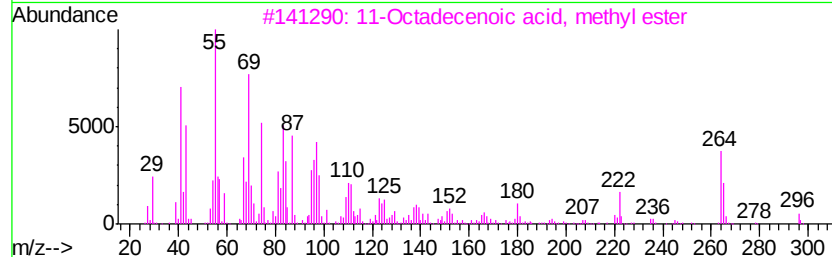
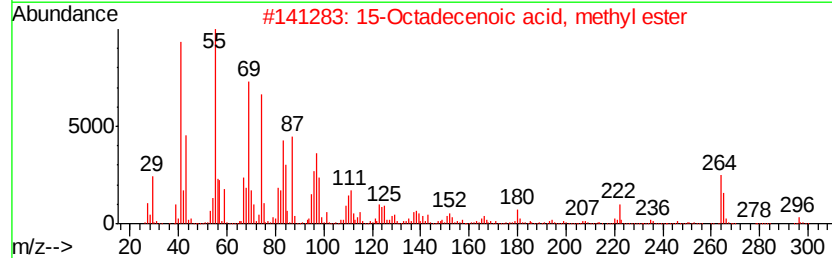
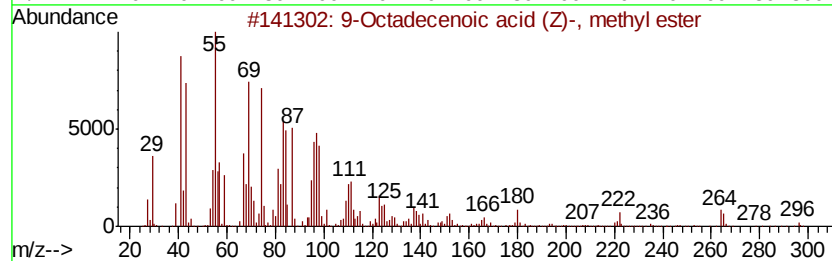
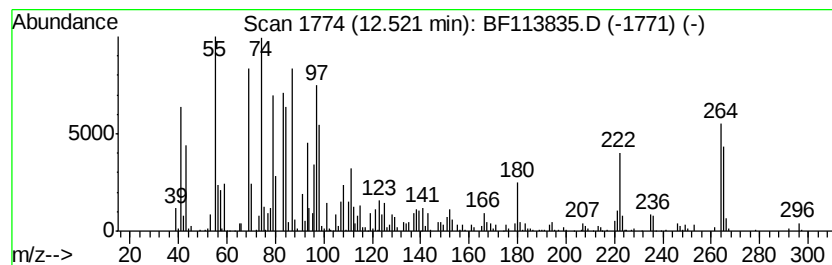
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	37.68 ng	2036160	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
5		5-Octadecenoic acid, methyl ester	296	C19H36O2	056554-45-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113835.D
Acq On : 18 Apr 2019 23:54
Operator : JU/SJ
Sample : K2197-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

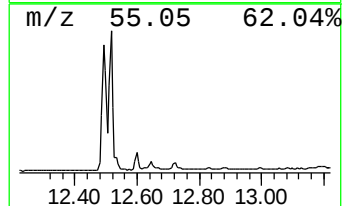
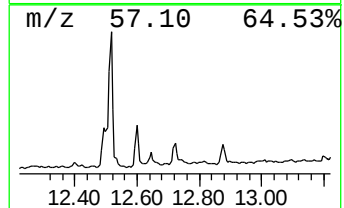
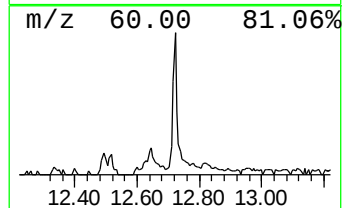
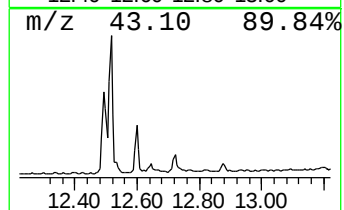
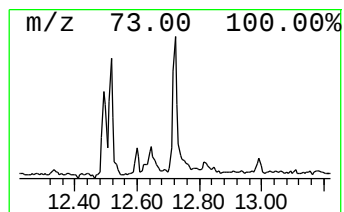
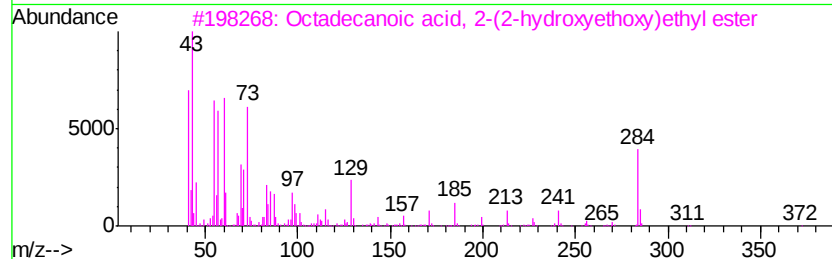
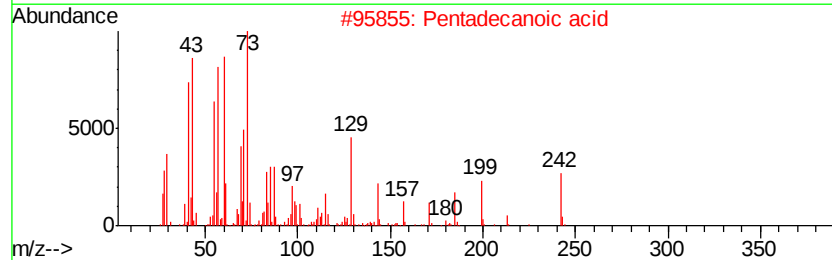
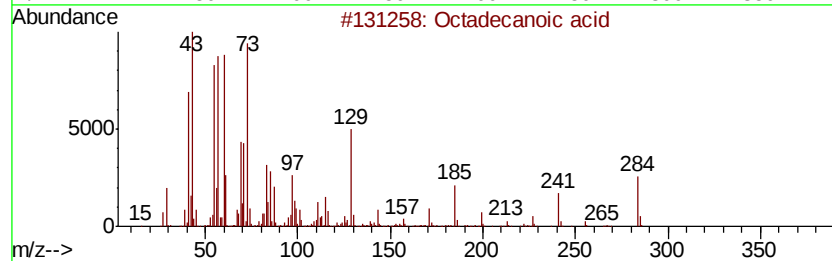
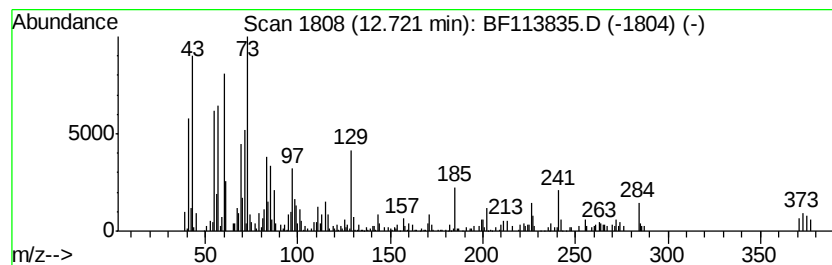
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.12 ng	222874	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	72
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
5	n-Decanoic acid		172	C10H20O2	000334-48-5	60



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Sample : K2197-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-041619-E

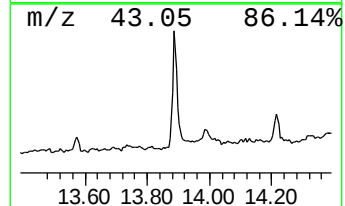
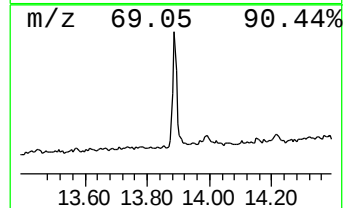
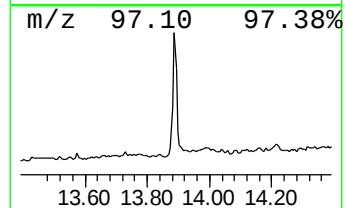
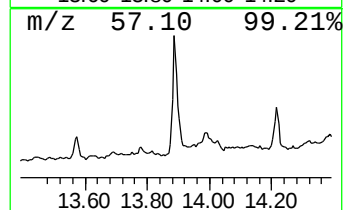
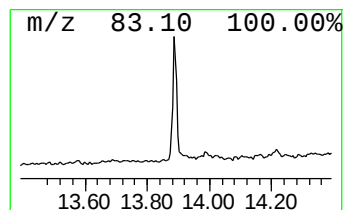
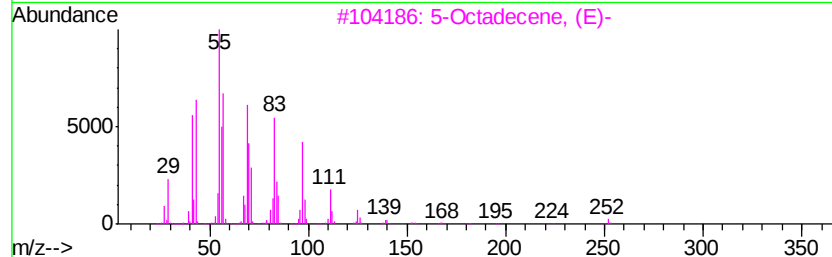
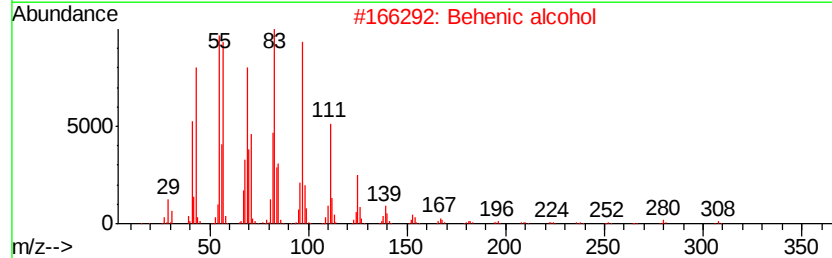
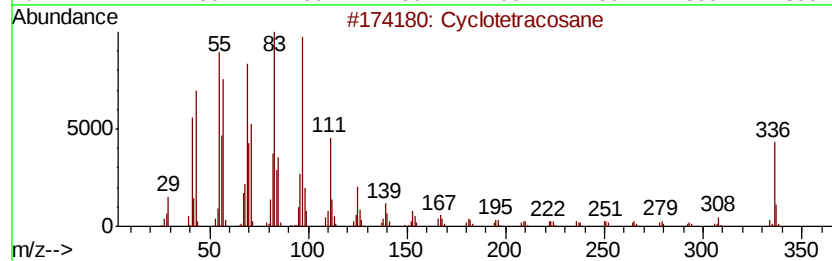
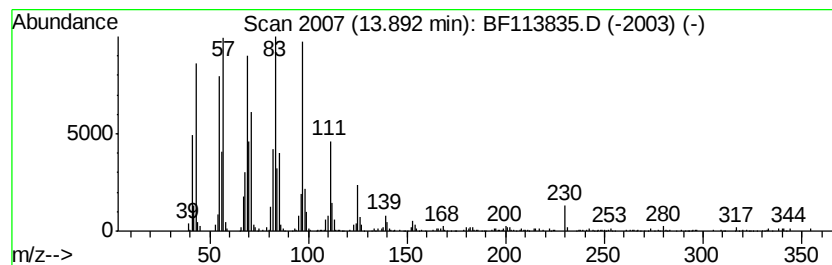
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.24 ng	547887	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	96
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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Operator : JU/SJ
Sample : K2197-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

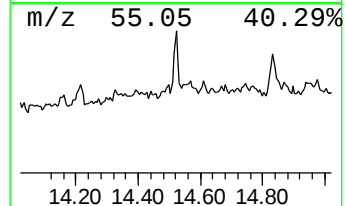
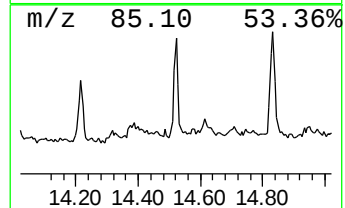
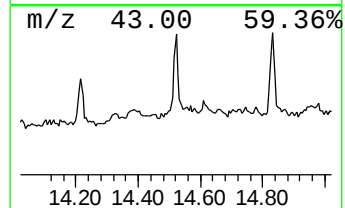
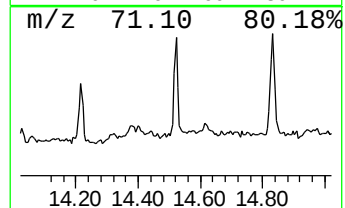
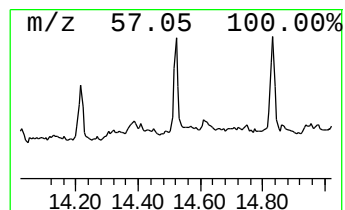
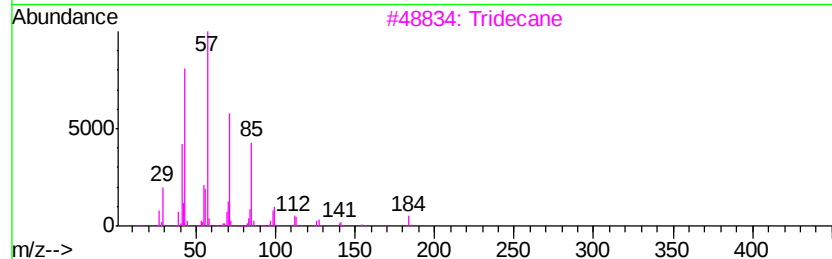
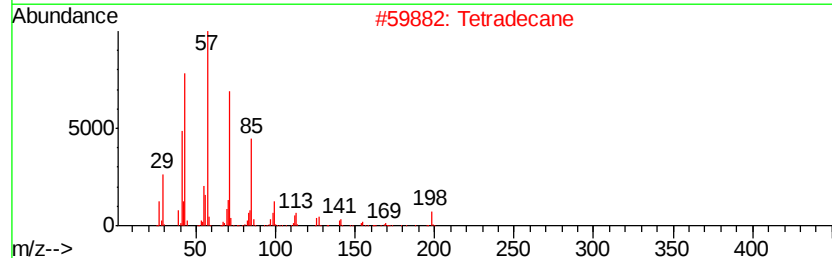
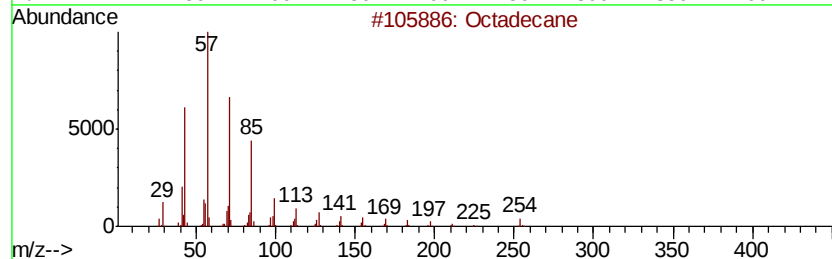
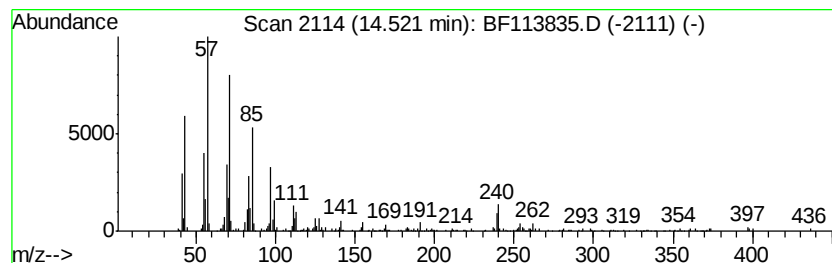
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Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.21 ng	167026	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Tetradecane	198	C14H30	000629-59-4	86
3		Tridecane	184	C13H28	000629-50-5	83
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	74



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Misc :
ALS Vial : 19 Sample Multiplier: 1

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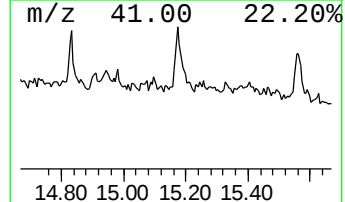
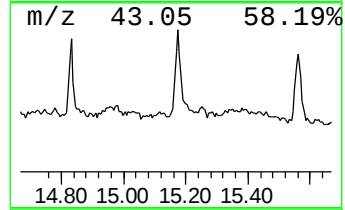
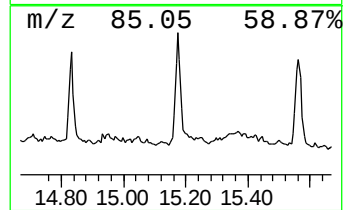
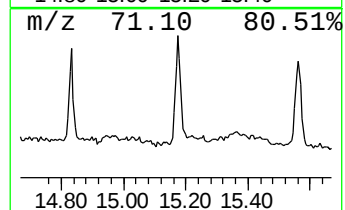
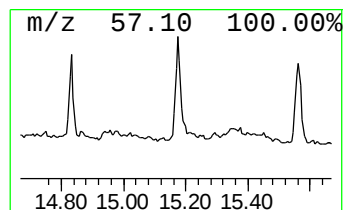
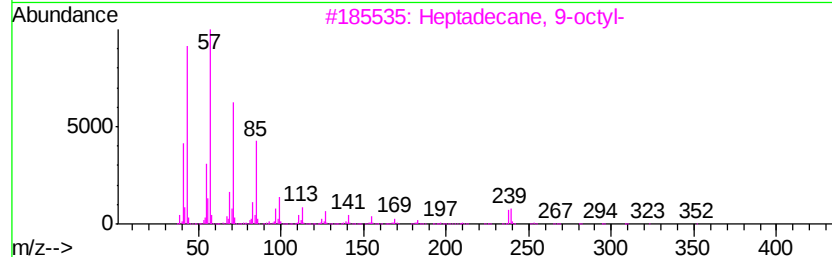
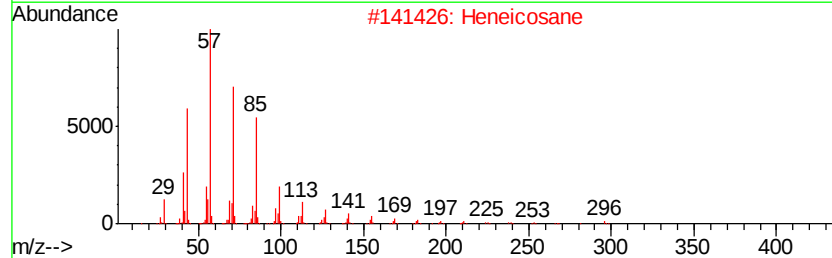
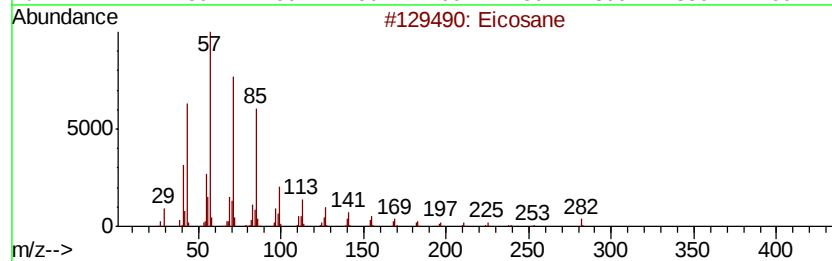
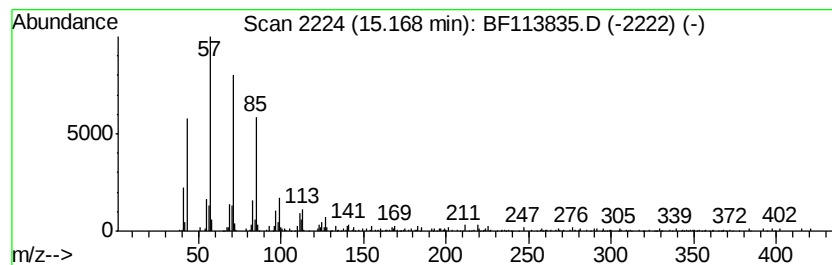
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	6.19 ng	306282	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heptacosane	380	C27H56	000593-49-7	90



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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 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
unknown6.66	6.66	60.1	ng	2345170	1	6.90	780233	20.0
Hexadecanoic acid...	11.81	15.5	ng	837227	4	11.41	1080700	20.0
n-Hexadecanoic acid	11.94	6.2	ng	336970	4	11.41	1080700	20.0
9,12-Octadecadien...	12.49	56.7	ng	3062650	4	11.41	1080700	20.0
9-Octadecenoic ac...	12.52	37.7	ng	2036160	4	11.41	1080700	20.0
Octadecanoic acid	12.72	4.1	ng	222874	4	11.41	1080700	20.0
Cyclotetracosane	13.89	7.2	ng	547887	5	14.04	1512580	20.0
Octadecane	14.52	2.2	ng	167026	5	14.04	1512580	20.0
Eicosane	15.17	6.2	ng	306282	6	15.52	988876	20.0