

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110850.D
 Acq On : 19 Nov 2018 13:58
 Operator : JU/SJ
 Sample : J5977-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-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-BF110818.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	2.228	20	24	37	rVB	86994	143354	9.05%	0.894%
2	5.175	522	525	543	rBV	32784	53381	3.37%	0.333%
3	5.557	587	590	616	rBV	1076302	1246760	78.67%	7.777%
4	6.569	757	762	780	rBV	1197411	1384227	87.34%	8.634%
5	6.710	782	786	795	rVV	1606856	1354324	85.45%	8.448%
6	6.939	822	825	831	rBV	390016	335255	21.15%	2.091%
7	7.092	848	851	868	rBV	1208235	1055642	66.61%	6.585%
8	7.504	917	921	944	rBV	836159	852882	53.81%	5.320%
9	8.222	1039	1043	1060	rBV	411971	454618	28.68%	2.836%
10	9.292	1221	1225	1241	rBV	1721009	1584868	100.00%	9.886%
11	9.686	1289	1292	1303	rVB	174732	191850	12.11%	1.197%
12	9.980	1338	1342	1347	rBV	552111	494164	31.18%	3.082%
13	10.774	1473	1477	1490	rBV	928124	918366	57.95%	5.728%
14	11.474	1592	1596	1599	rBV	508976	498046	31.43%	3.107%
15	11.498	1599	1600	1607	rVV	189225	143873	9.08%	0.897%
16	11.557	1607	1610	1617	rVB	37745	40456	2.55%	0.252%
17	11.980	1678	1682	1685	rBV	123443	122821	7.75%	0.766%
18	12.010	1685	1687	1692	rVB	30139	32147	2.03%	0.201%
19	12.092	1698	1701	1704	rBV2	31818	37105	2.34%	0.231%
20	12.274	1729	1732	1737	rBV	13142	16613	1.05%	0.104%
21	12.527	1773	1775	1780	rVB3	28286	26936	1.70%	0.168%
22	12.692	1800	1803	1811	rBV	250977	233799	14.75%	1.458%
23	12.762	1812	1815	1819	rBV	41871	40871	2.58%	0.255%
24	12.868	1826	1833	1836	rBV4	15234	26078	1.65%	0.163%
25	12.904	1836	1839	1841	rBV2	72026	72275	4.56%	0.451%
26	12.927	1841	1843	1849	rVB	226344	185553	11.71%	1.157%
27	13.057	1861	1865	1868	rBV	1449916	1219217	76.93%	7.605%
28	13.145	1876	1880	1885	rVB2	15693	25666	1.62%	0.160%
29	13.257	1890	1899	1903	rBV2	70184	90259	5.70%	0.563%
30	13.321	1907	1910	1913	rBV	26372	23094	1.46%	0.144%
31	13.362	1913	1917	1919	rBV2	17412	21428	1.35%	0.134%
32	13.521	1939	1944	1951	rVB	364943	360620	22.75%	2.249%
33	13.604	1955	1958	1960	rBV	54156	45554	2.87%	0.284%
34	13.933	2011	2014	2020	rBV2	131286	134534	8.49%	0.839%

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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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.062	2027	2036	2040	rBV5	33550	92499	5.84%	0.577%
36	14.127	2042	2047	2050	rVV2	449155	537845	33.94%	3.355%
37	14.151	2050	2051	2056	rVB	101439	88909	5.61%	0.555%
38	14.245	2063	2067	2072	rBV2	78490	88310	5.57%	0.551%
39	14.515	2111	2113	2116	rVB	24983	18075	1.14%	0.113%
40	14.551	2116	2119	2124	rBV	120890	112594	7.10%	0.702%
41	14.868	2169	2173	2178	rVB	124627	132959	8.39%	0.829%
42	15.027	2196	2200	2206	rBV5	15221	23978	1.51%	0.150%
43	15.215	2225	2232	2245	rBV2	185429	377889	23.84%	2.357%
44	15.315	2246	2249	2253	rVB	24609	33556	2.12%	0.209%
45	15.521	2281	2284	2289	rVB	56042	63403	4.00%	0.395%
46	15.609	2292	2299	2303	rBV2	122006	247283	15.60%	1.542%
47	15.656	2303	2307	2311	rBV	240245	310210	19.57%	1.935%
48	15.827	2332	2336	2341	rBV6	14953	25233	1.59%	0.157%
49	16.062	2371	2376	2381	rBV	88302	128450	8.10%	0.801%
50	16.139	2383	2389	2392	rBV7	11516	24176	1.53%	0.151%
51	16.592	2460	2466	2475	rVB2	39331	83856	5.29%	0.523%
52	17.233	2566	2575	2583	rVB3	39860	106088	6.69%	0.662%
53	17.715	2651	2657	2667	rBV3	27317	70260	4.43%	0.438%

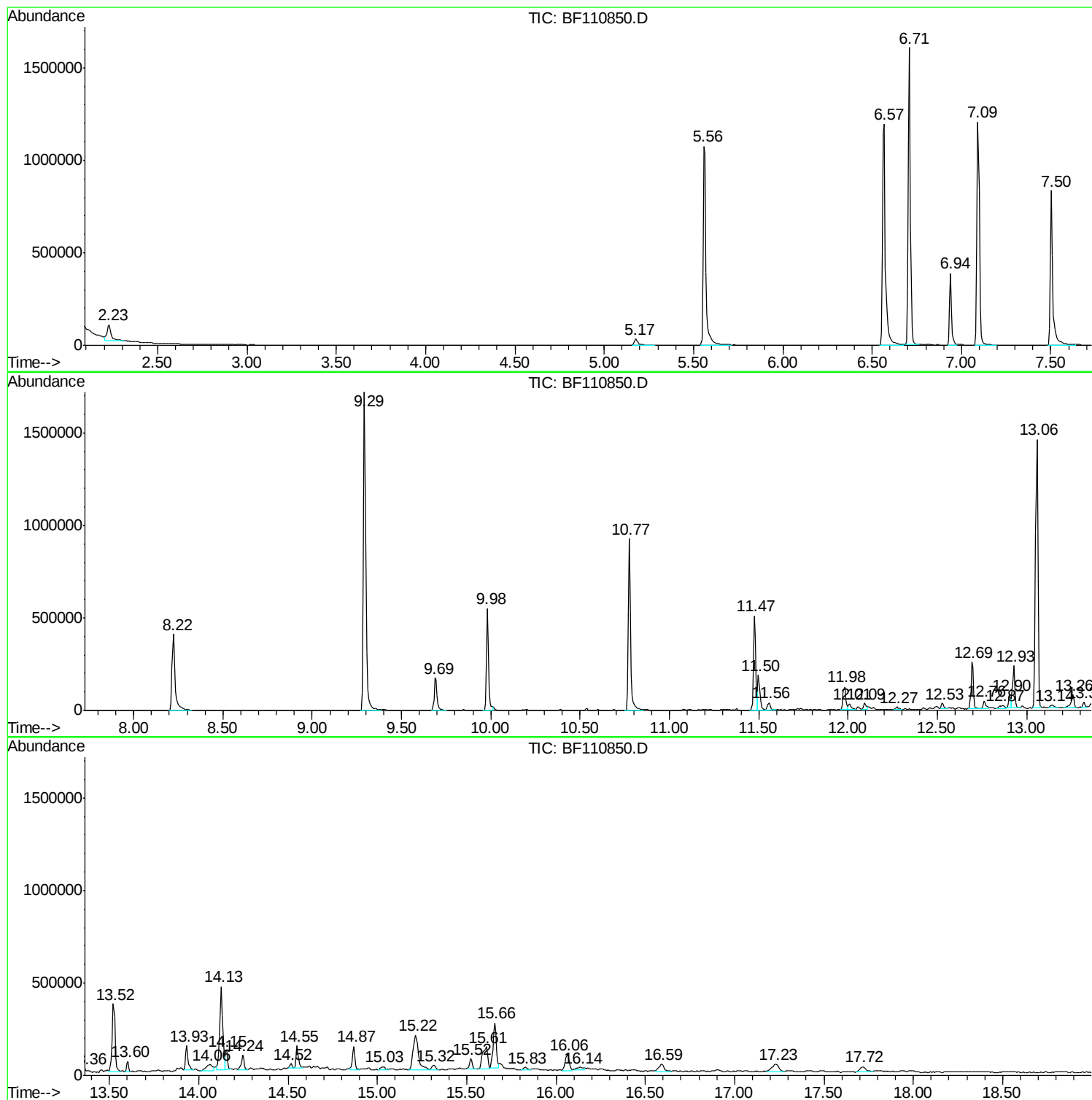
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ClientSampled :
DUP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.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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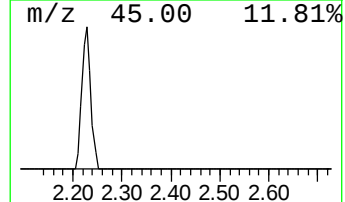
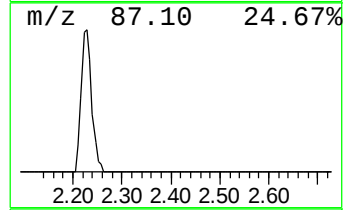
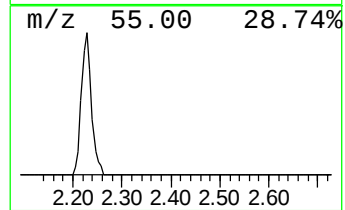
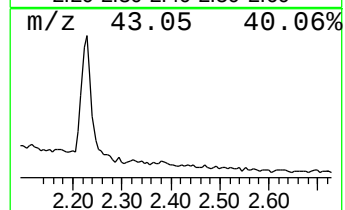
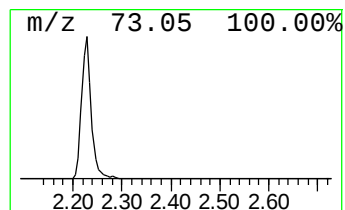
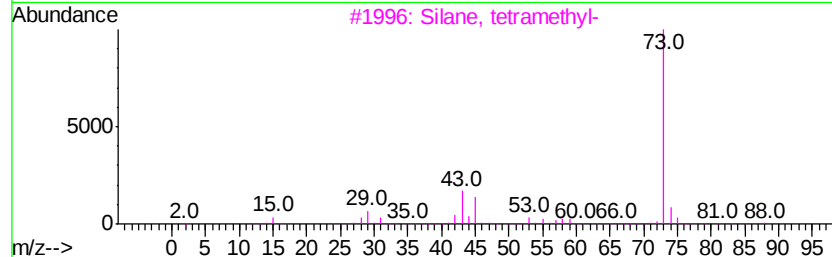
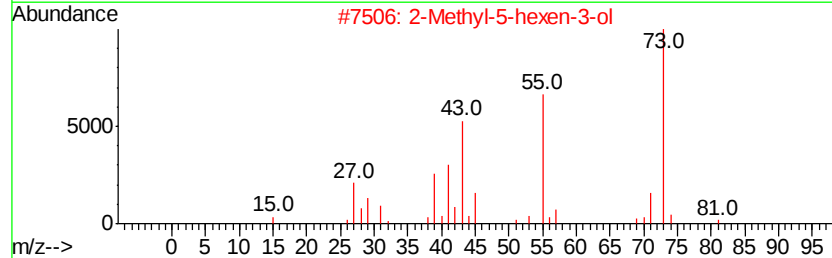
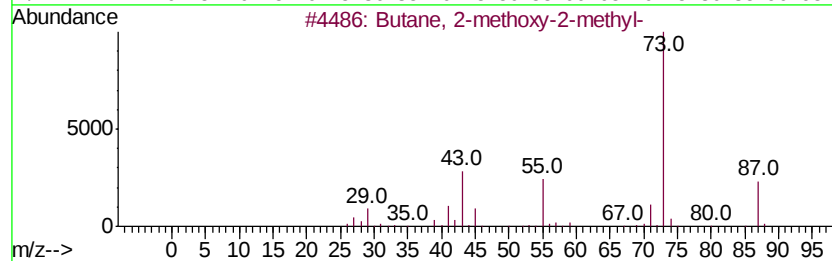
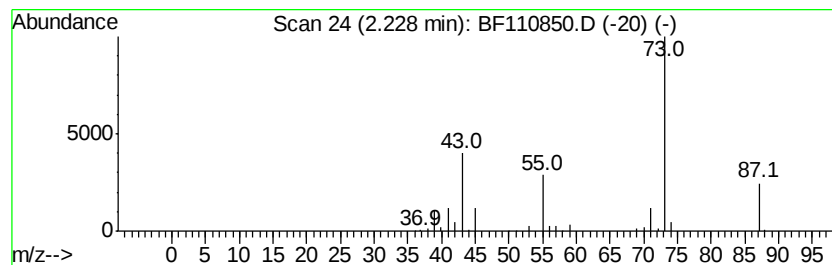
Instrument :
BNA_F
ClientSampleId :
DUP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
2.23	8.55 ng	143354	1,4-Dichlorobenzene-d4	6.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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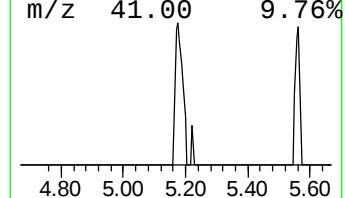
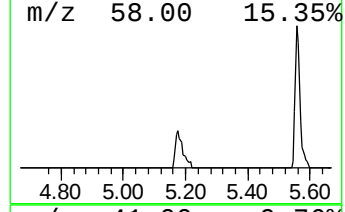
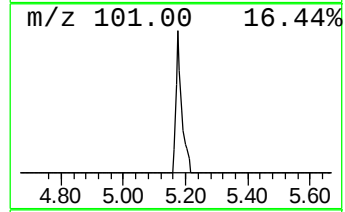
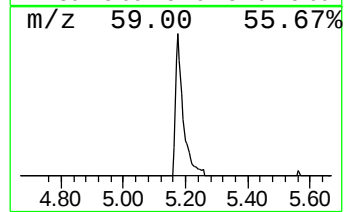
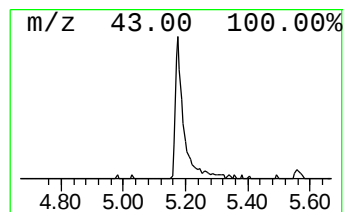
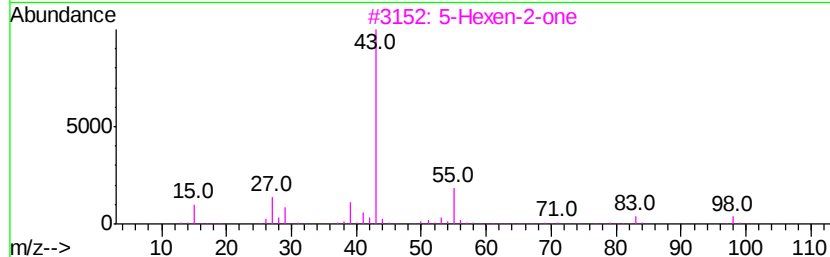
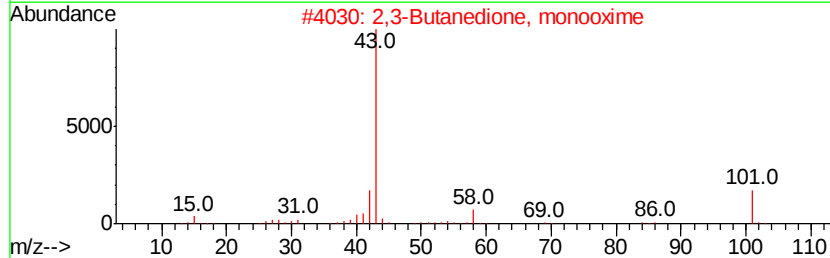
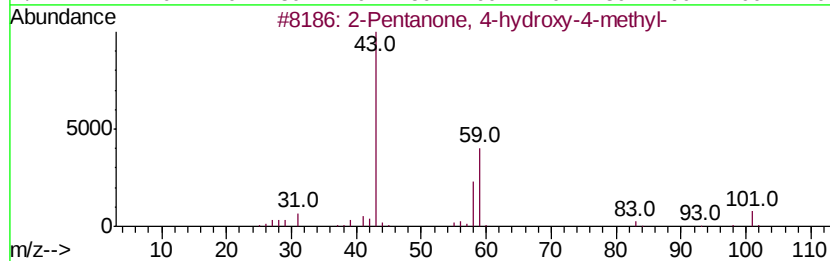
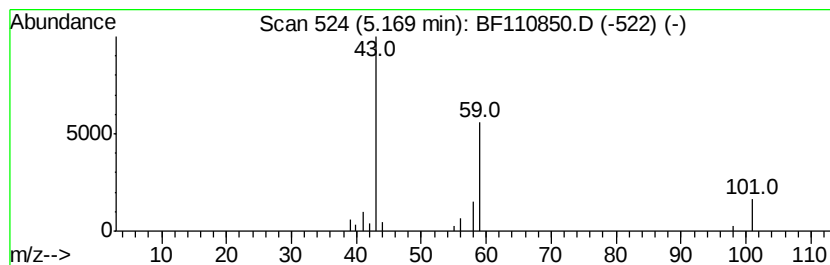
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.18 ng	53381	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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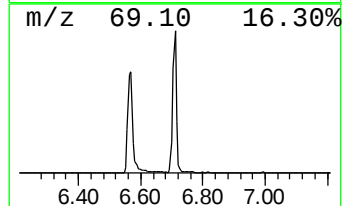
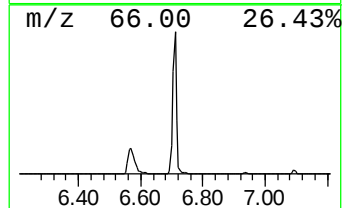
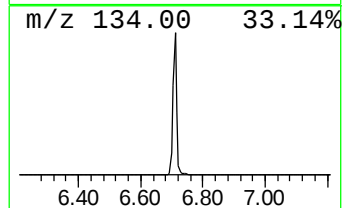
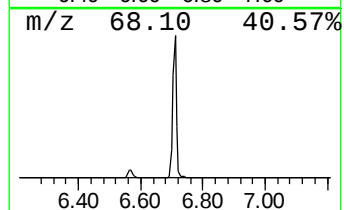
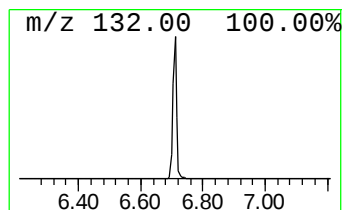
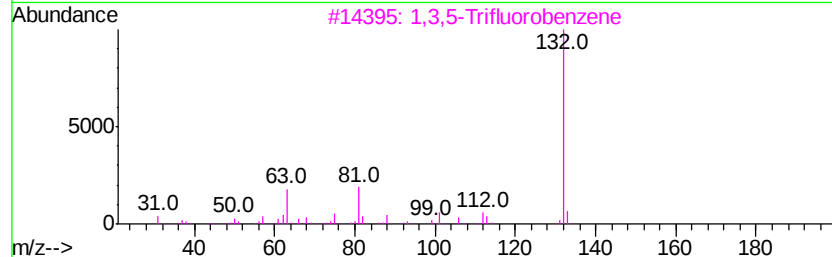
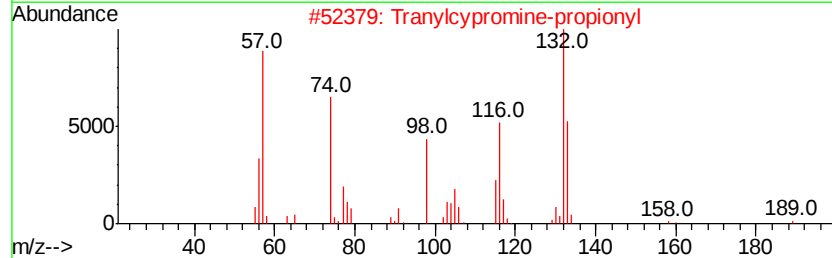
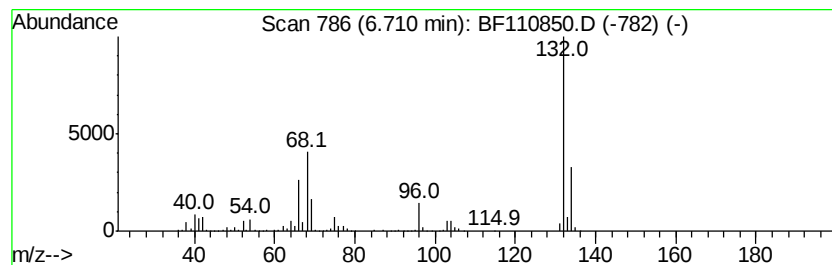
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	80.79 ng	1354320	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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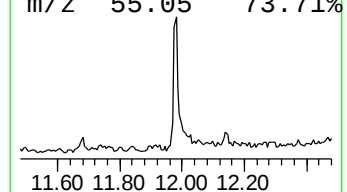
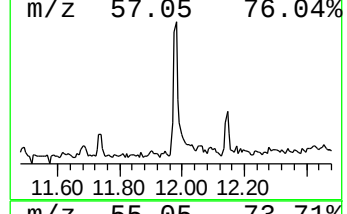
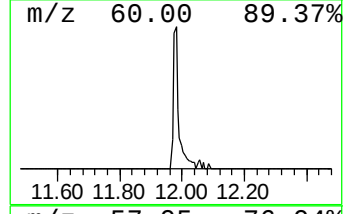
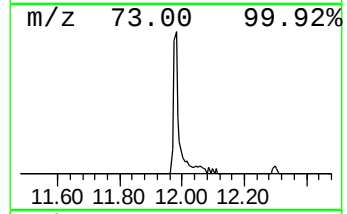
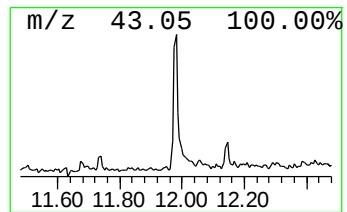
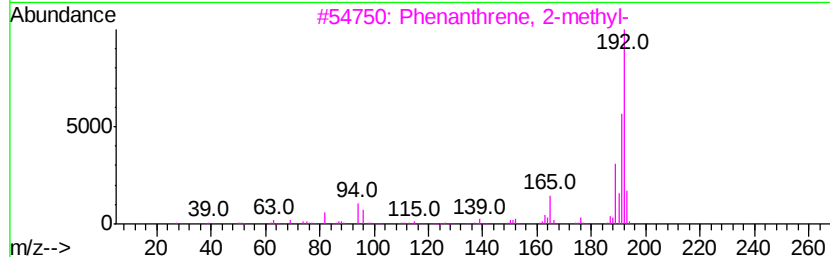
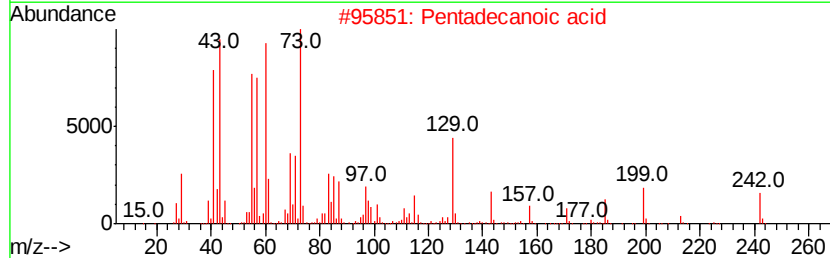
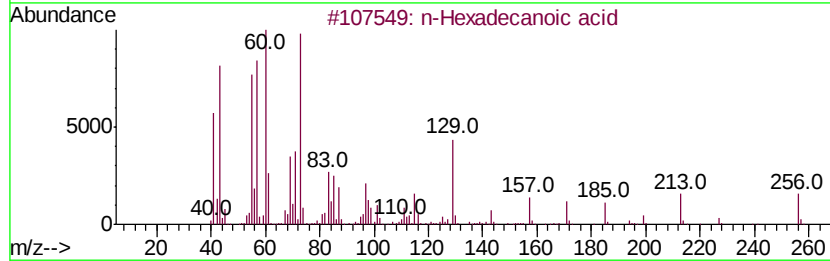
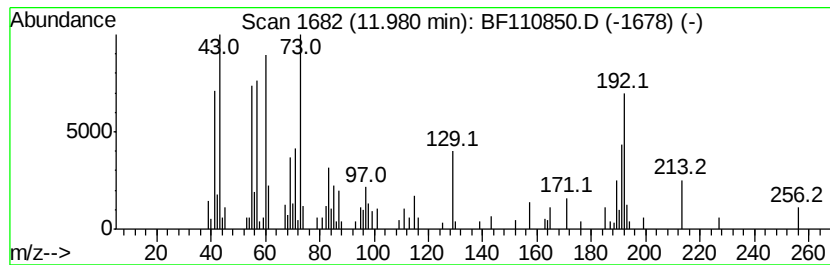
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.93 ng	122821	Phenanthrene-d10	11.47

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	60
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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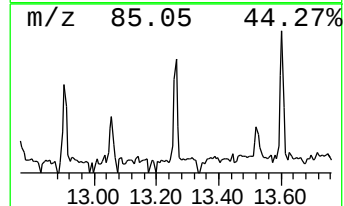
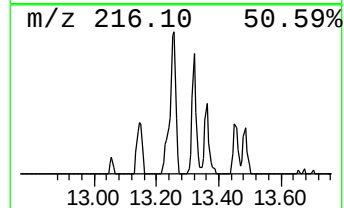
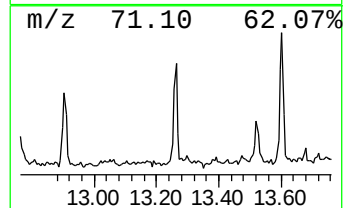
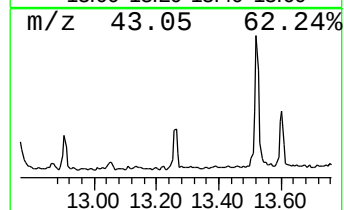
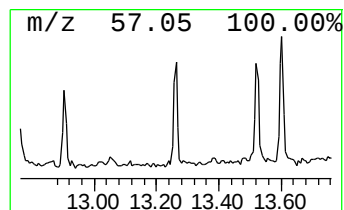
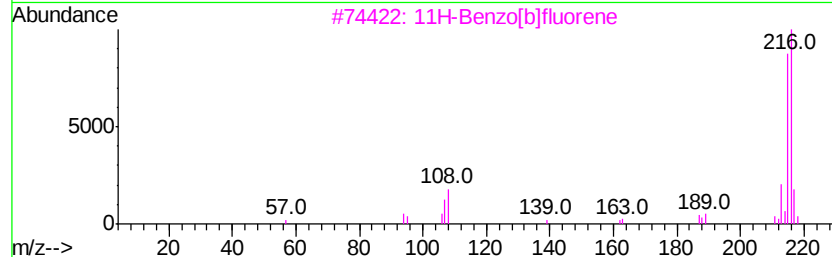
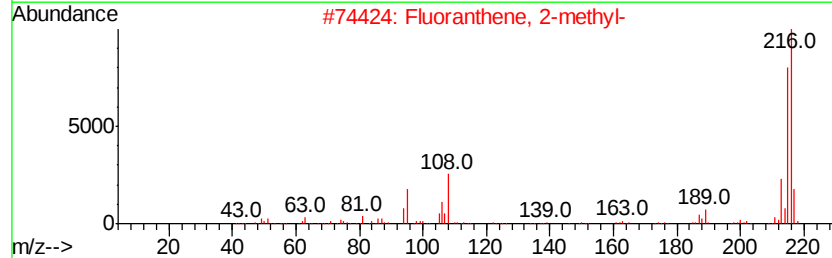
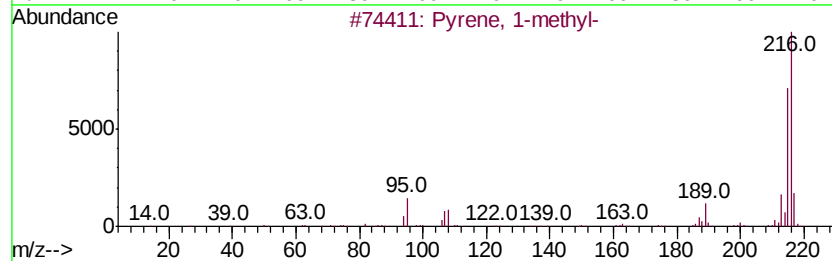
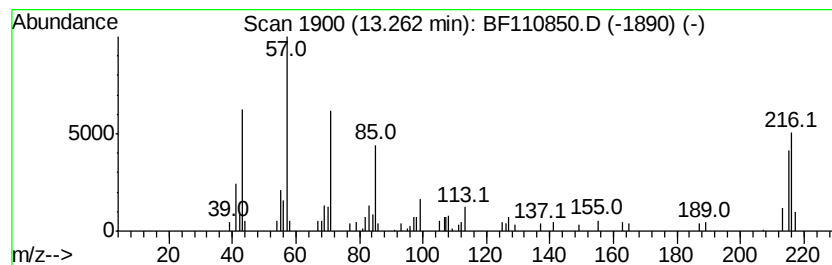
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.36 ng	90259	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110850.D
Acq On : 19 Nov 2018 13:58
Operator : JU/SJ
Sample : J5977-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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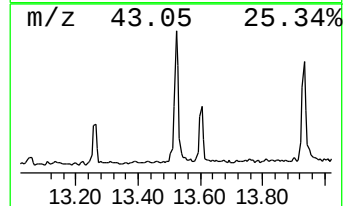
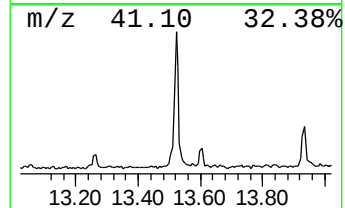
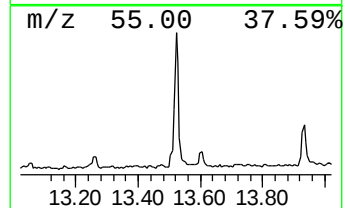
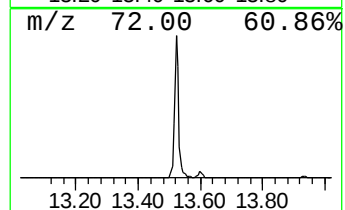
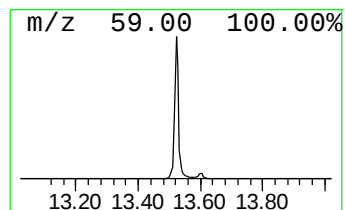
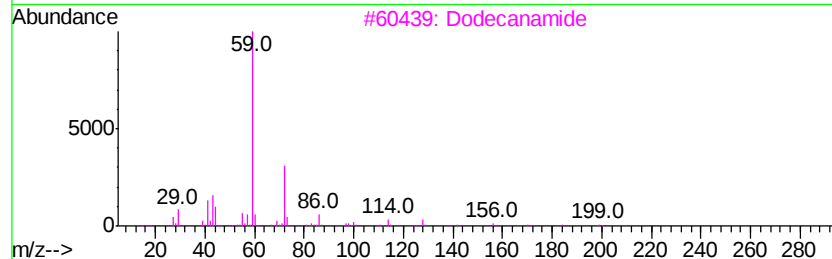
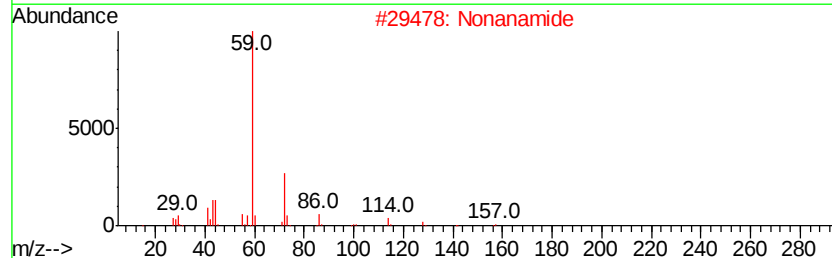
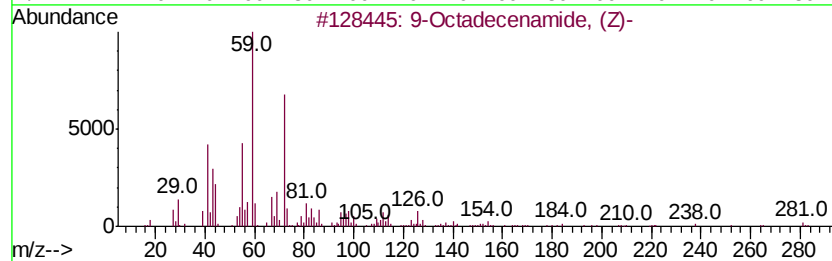
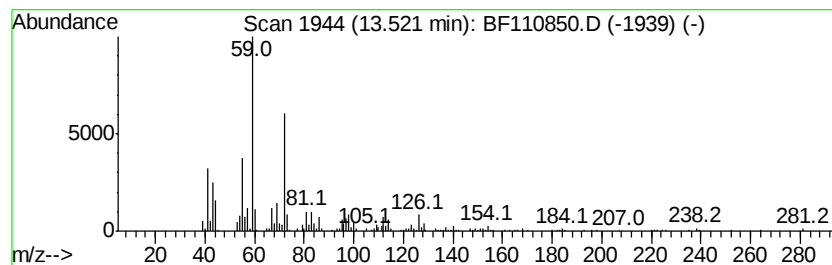
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	13.41 ng	360620	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Nonanamide	157	C9H19NO	001120-07-6	53
3		Dodecanamide	199	C12H25NO	001120-16-7	45
4		Hexadecanamide	255	C16H33NO	000629-54-9	42
5		2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Sample : J5977-13
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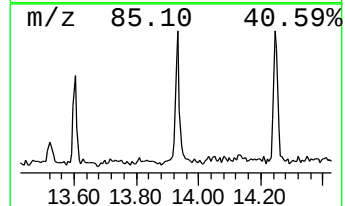
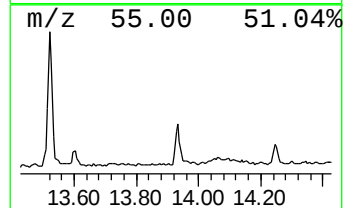
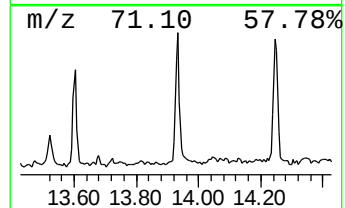
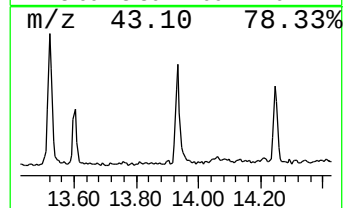
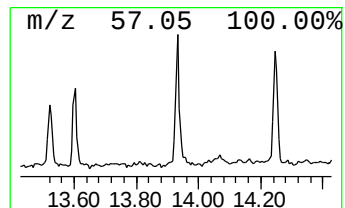
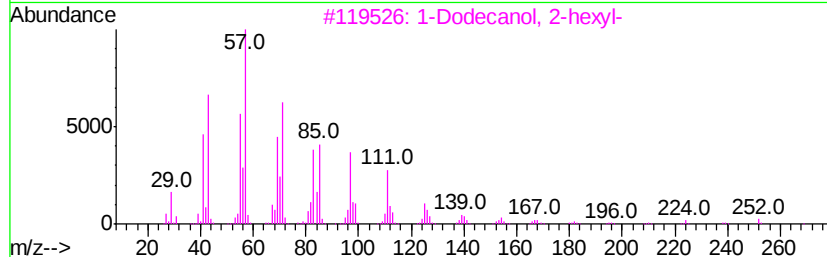
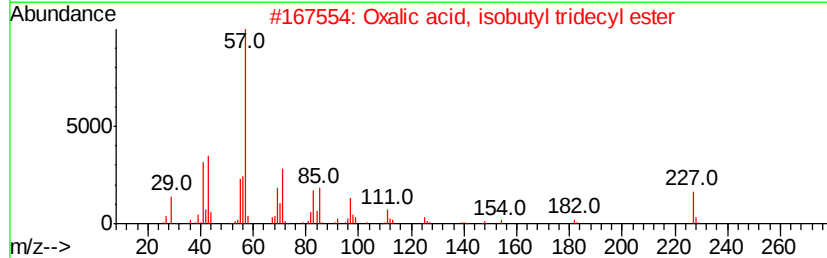
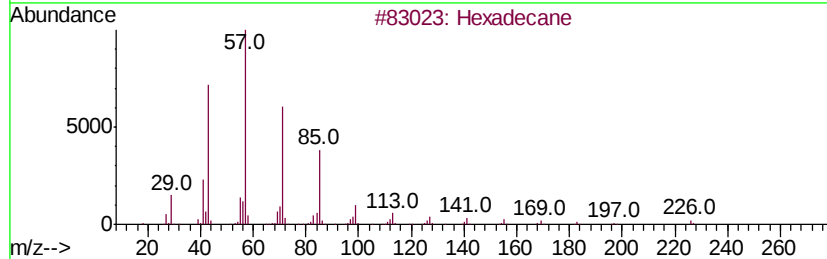
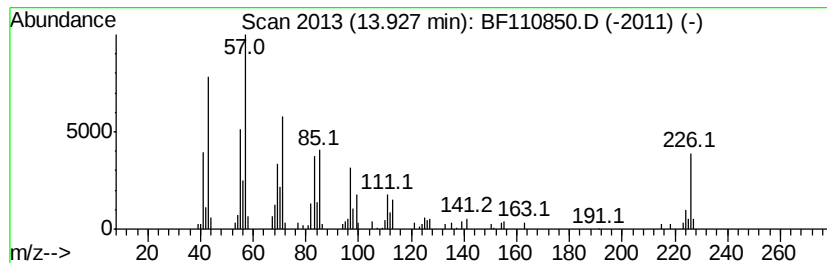
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, isobutyl tridecyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.00 ng	134534	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	72
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	62
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	58
5		Heptadecane	240	C17H36	000629-78-7	52



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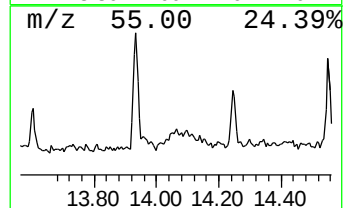
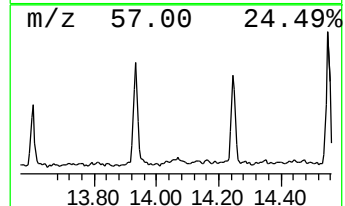
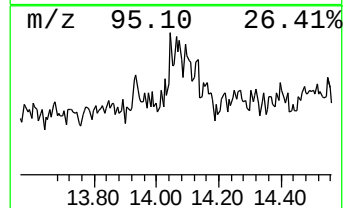
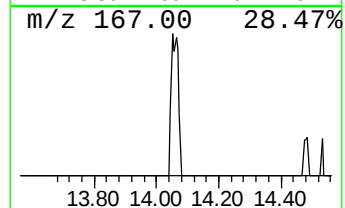
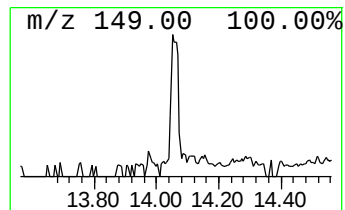
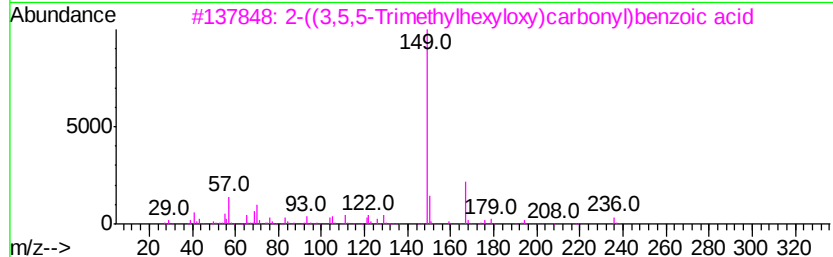
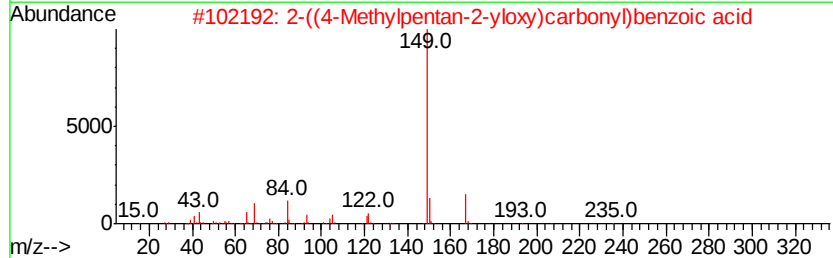
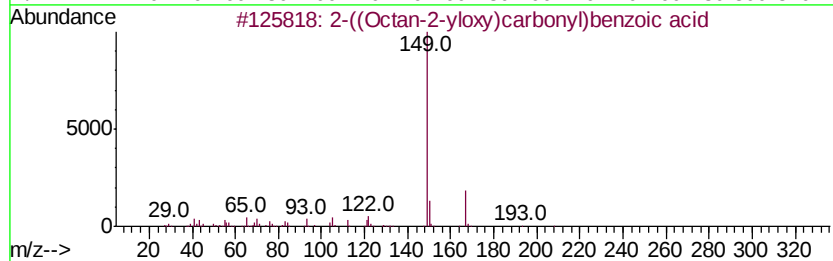
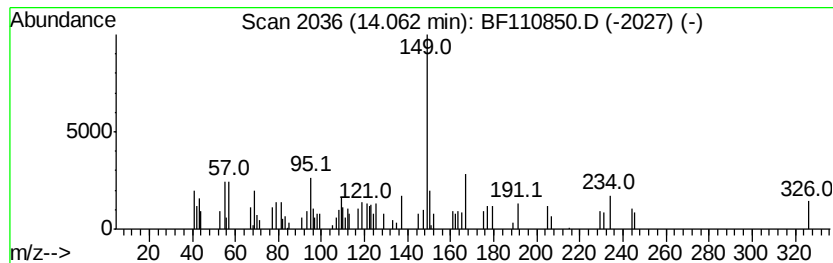
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	3.44 ng	92499	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-((Octan-2-yloxy)carbonyl)benzo...	278	C16H22O4	1000373-83-2	47
2		2-((4-Methylpentan-2-yloxy)carbo...	250	C14H18O4	1000373-82-5	47
3		2-((3,5,5-Trimethylhexyloxy)carb...	292	C17H24O4	1000373-83-4	47
4		Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	43
5		1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Misc :
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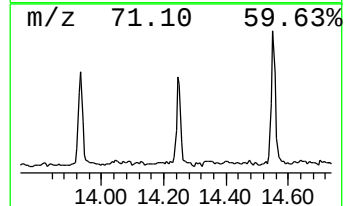
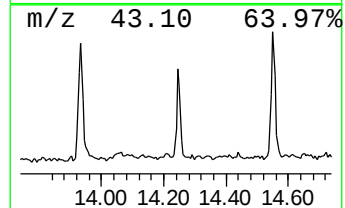
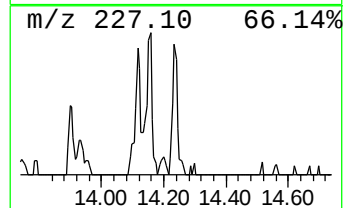
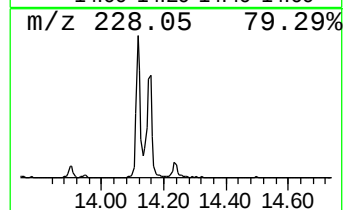
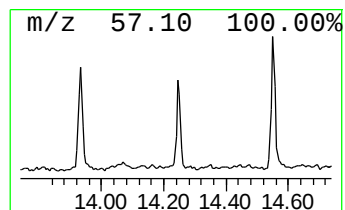
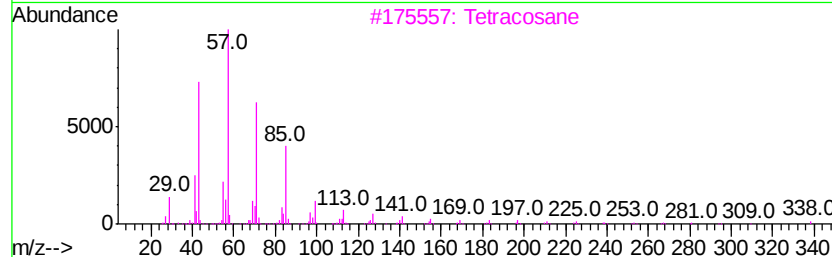
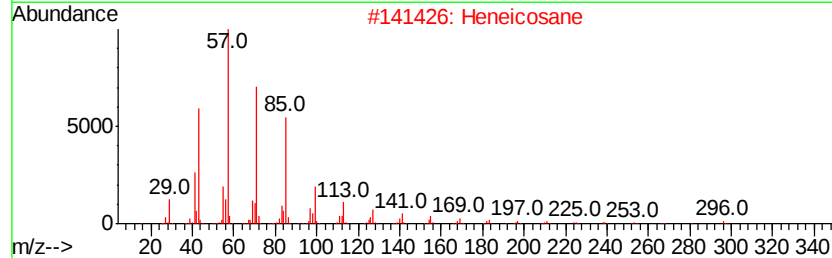
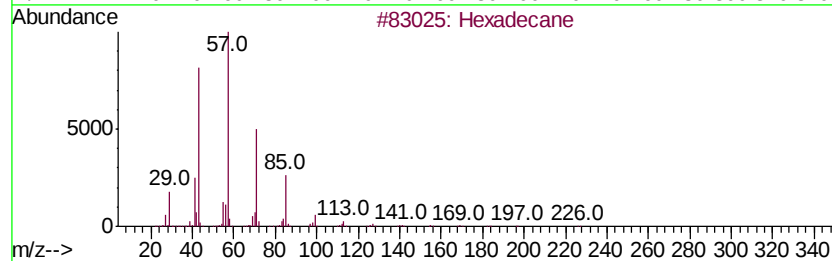
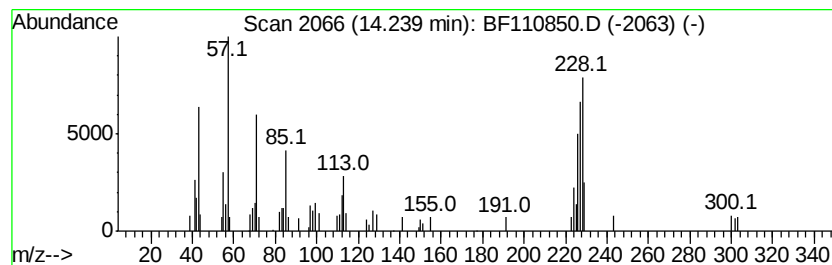
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.28 ng	88310	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Eicosane	282	C20H42	000112-95-8	87



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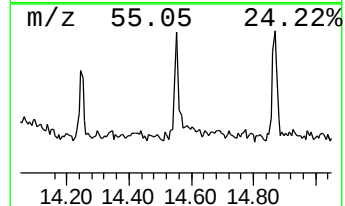
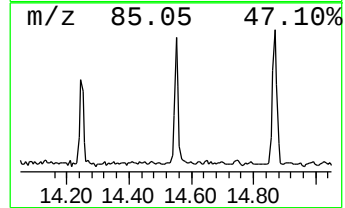
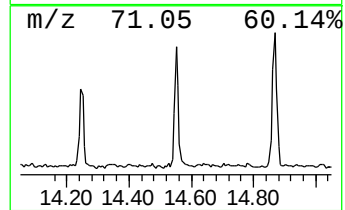
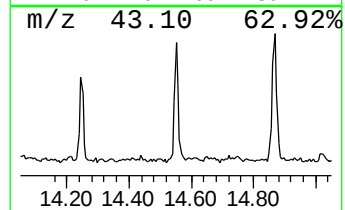
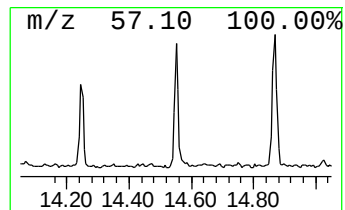
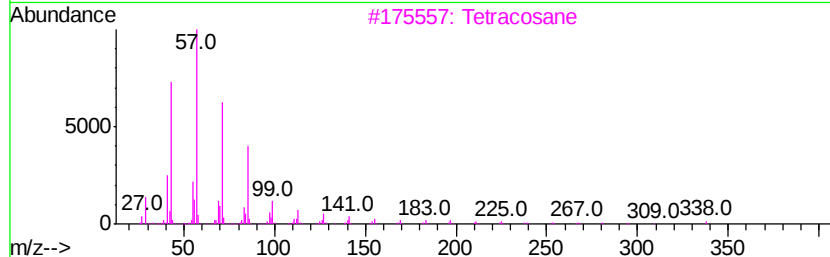
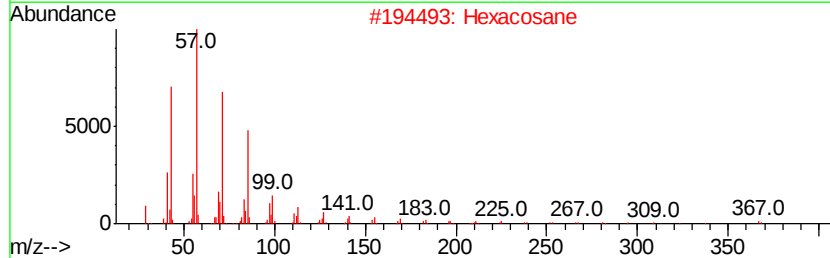
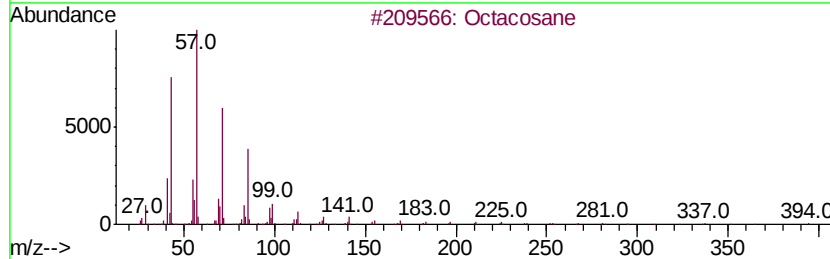
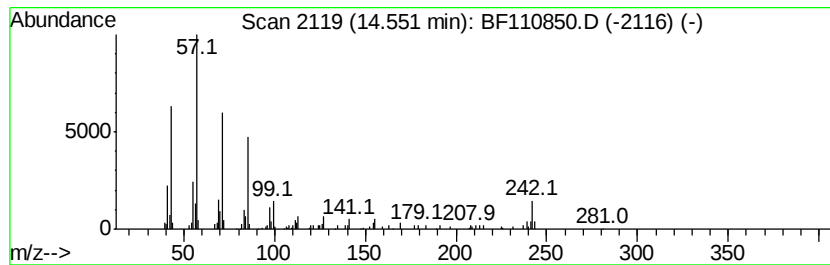
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.19 ng	112594	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	81
2		Hexacosane	366	C26H54	000630-01-3	81
3		Tetracosane	338	C24H50	000646-31-1	81
4		Hexadecane	226	C16H34	000544-76-3	68
5		Octadecane	254	C18H38	000593-45-3	68



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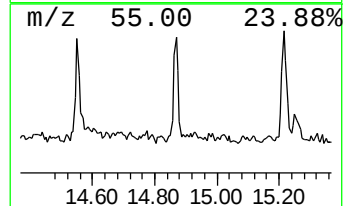
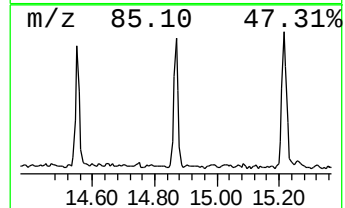
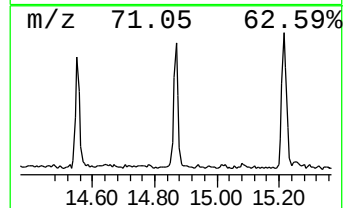
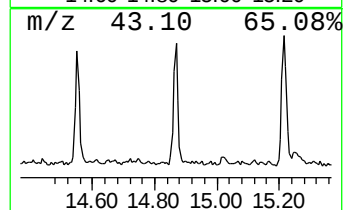
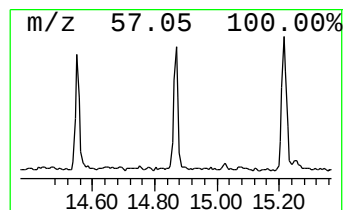
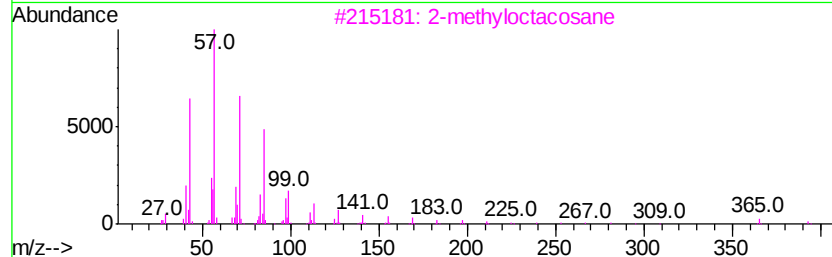
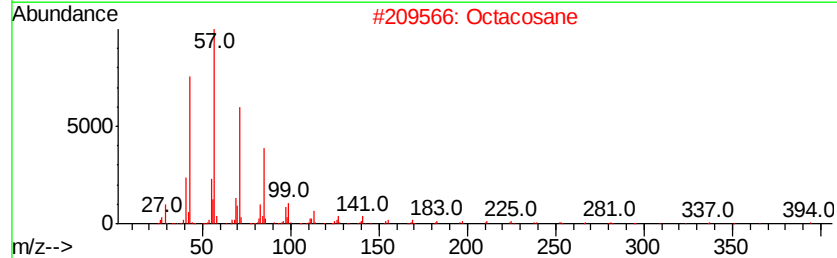
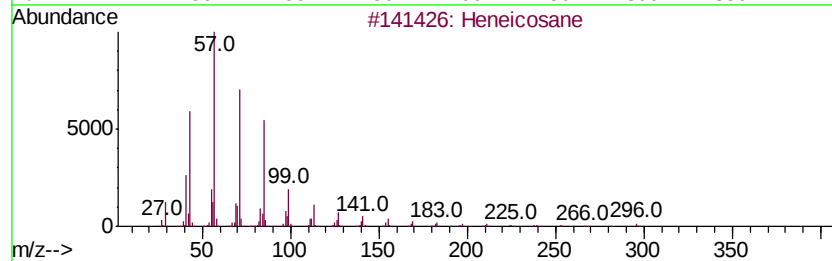
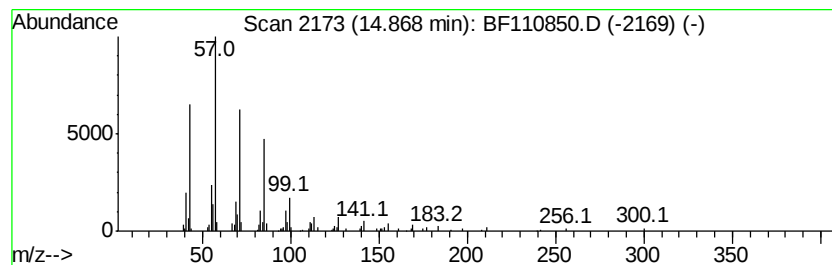
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.94 ng	132959	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Hentriacontane	437	C31H64	000630-04-6	91



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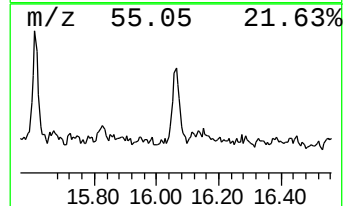
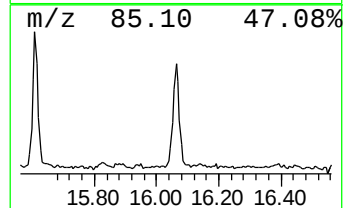
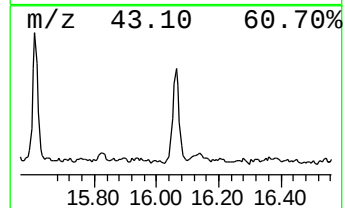
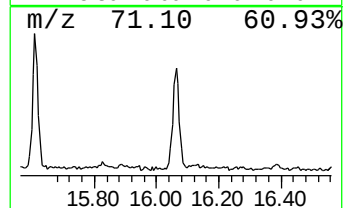
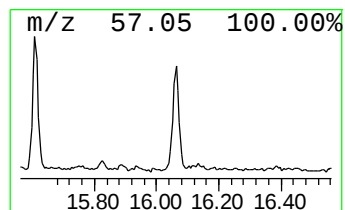
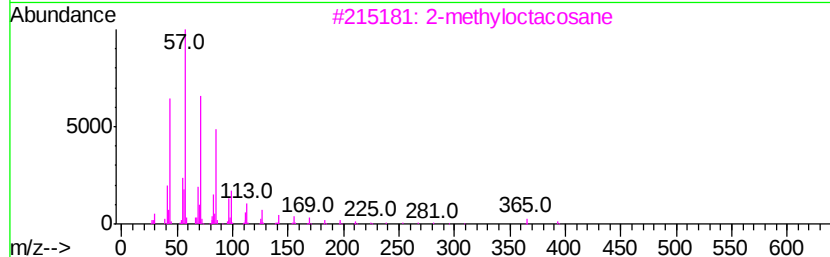
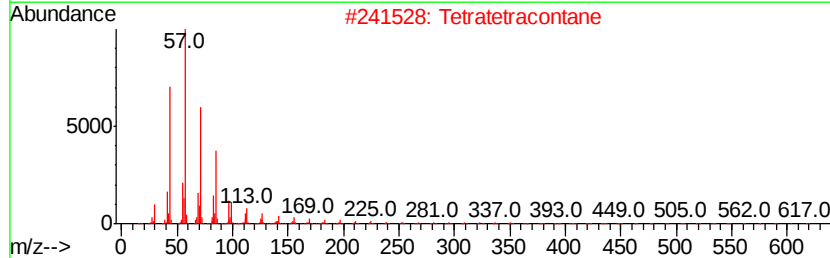
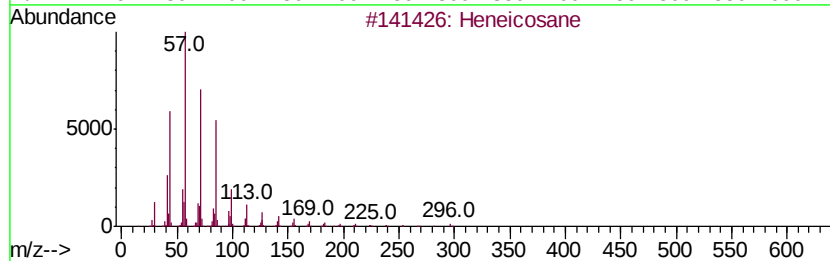
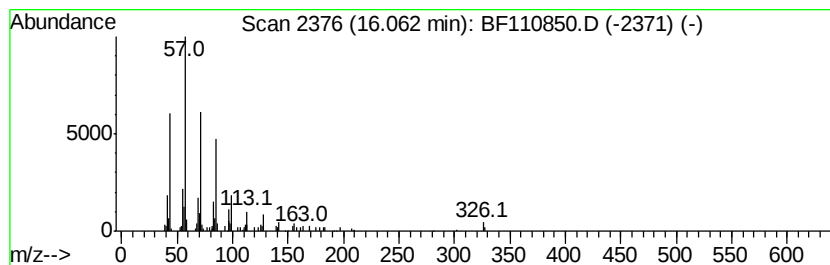
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	8.28 ng	128450	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110850.D
Acq On : 19 Nov 2018 13:58
Operator : JU/SJ
Sample : J5977-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01

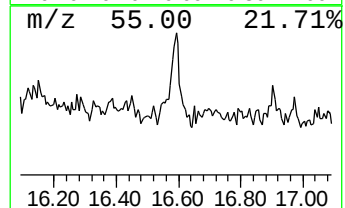
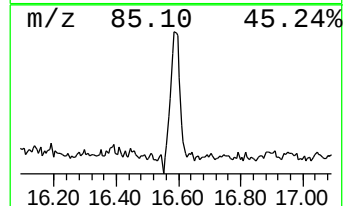
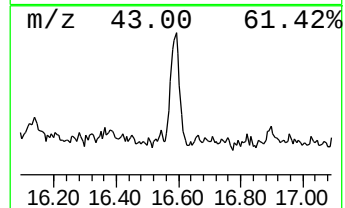
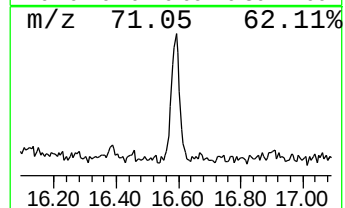
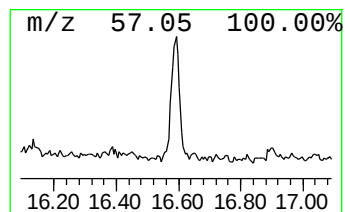
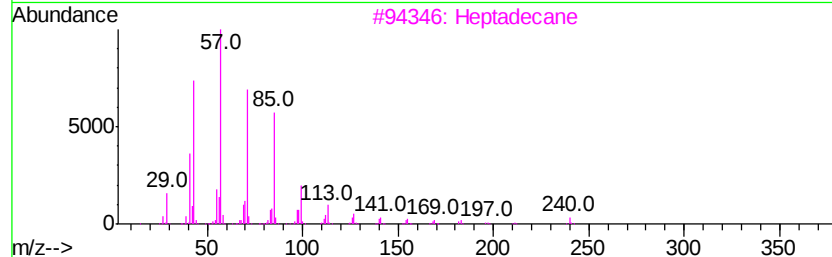
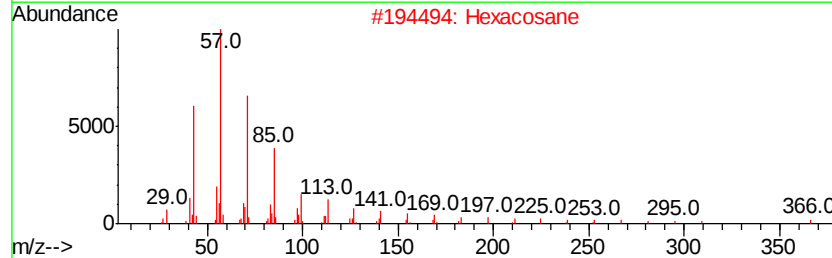
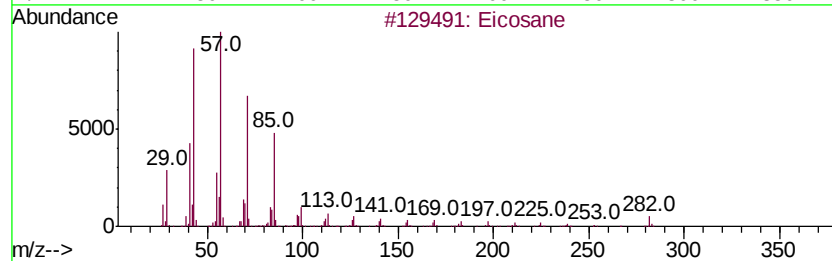
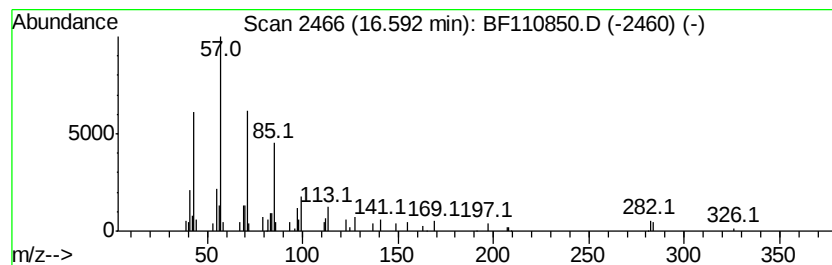
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.41 ng	83856	Perylene-d12	15.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Hexacosane		366	C26H54	000630-01-3	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Octacosane		394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110850.D
 Acq On : 19 Nov 2018 13:58
 Operator : JU/SJ
 Sample : J5977-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.23	8.6	ng	143354	1	6.94	335255	20.0
2-Pentanone, 4-hy...	5.17	3.2	ng	53381	1	6.94	335255	20.0
unknown6.71	6.71	80.8	ng	1354320	1	6.94	335255	20.0
n-Hexadecanoic acid	11.98	4.9	ng	122821	4	11.47	498046	20.0
Pyrene, 1-methyl-	13.26	3.4	ng	90259	5	14.13	537845	20.0
9-Octadecenamide,...	13.52	13.4	ng	360620	5	14.13	537845	20.0
Oxalic acid, isob...	13.93	5.0	ng	134534	5	14.13	537845	20.0
unknown14.06	14.06	3.4	ng	92499	5	14.13	537845	20.0
Hexadecane	14.24	3.3	ng	88310	5	14.13	537845	20.0
Octacosane	14.55	4.2	ng	112594	5	14.13	537845	20.0
Heneicosane	14.87	4.9	ng	132959	5	14.13	537845	20.0
Tetratetracontane	16.06	8.3	ng	128450	6	15.66	310210	20.0
Eicosane	16.59	5.4	ng	83856	6	15.66	310210	20.0