

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\
 Data File : BF109351.D
 Acq On : 26 Sep 2018 21:40
 Operator : JU/SJ
 Sample : J5074-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CA-SOIL-1

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-BF092218.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	473	476	483	rBV	35321	40324	3.09%	0.275%
2	5.316	544	549	552	rBV	1222055	1123327	86.07%	7.662%
3	6.340	719	723	735	rBV	1254309	1151064	88.19%	7.851%
4	6.475	742	746	749	rBV	1490413	1178343	90.28%	8.037%
5	6.710	782	786	789	rBV	518110	468450	35.89%	3.195%
6	6.863	808	812	816	rBV	1376300	1123667	86.09%	7.664%
7	7.263	876	880	883	rBV	839877	693271	53.12%	4.729%
8	7.986	1000	1003	1015	rBV	659414	545434	41.79%	3.720%
9	9.063	1182	1186	1189	rBV	1449936	1147106	87.89%	7.824%
10	9.457	1249	1253	1261	rBV	340888	275821	21.13%	1.881%
11	9.739	1297	1301	1305	rBV	623198	555276	42.54%	3.787%
12	9.863	1319	1322	1325	rBV	30904	25131	1.93%	0.171%
13	9.898	1325	1328	1333	rVB	16289	14619	1.12%	0.100%
14	10.522	1430	1434	1439	rVB	853341	728566	55.82%	4.969%
15	10.645	1453	1455	1459	rBV	41072	33428	2.56%	0.228%
16	10.969	1507	1510	1514	rBV	18811	16630	1.27%	0.113%
17	11.016	1516	1518	1522	rVB2	25433	20488	1.57%	0.140%
18	11.216	1548	1552	1555	rBV	715475	599813	45.96%	4.091%
19	11.286	1559	1564	1567	rVB3	21395	22569	1.73%	0.154%
20	11.333	1567	1572	1579	rBV3	38957	67738	5.19%	0.462%
21	11.651	1623	1626	1635	rBV4	49203	91823	7.04%	0.626%
22	11.727	1635	1639	1641	rBV2	38053	36744	2.82%	0.251%
23	11.751	1641	1643	1647	rVB	79643	68187	5.22%	0.465%
24	12.422	1754	1757	1760	rBV	52081	46128	3.53%	0.315%
25	12.533	1774	1776	1781	rBV4	15575	14603	1.12%	0.100%
26	12.645	1789	1795	1798	rBV	57351	56377	4.32%	0.385%
27	12.751	1810	1813	1816	rBV	78570	76626	5.87%	0.523%
28	12.792	1816	1820	1824	rVB	1438163	1305151	100.00%	8.902%
29	12.892	1835	1837	1841	rVB2	23367	21756	1.67%	0.148%
30	12.974	1849	1851	1855	rVB2	18473	16450	1.26%	0.112%
31	13.021	1855	1859	1861	rBV3	22740	31628	2.42%	0.216%
32	13.039	1861	1862	1867	rVV3	28272	35161	2.69%	0.240%
33	13.092	1867	1871	1877	rVB4	48314	59315	4.54%	0.405%
34	13.380	1911	1920	1925	rBV8	22993	48355	3.70%	0.330%

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Instrument :
BNA_F
ClientSampleId :
CA-SOIL-1

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.492	1937	1939	1943	rVB4	15474	16021	1.23%	0.109%
36	13.592	1951	1956	1959	rBV3	14926	23781	1.82%	0.162%
37	13.704	1971	1975	1982	rBV	236764	343073	26.29%	2.340%
38	13.780	1986	1988	1992	rVV5	17273	19208	1.47%	0.131%
39	13.839	1993	1998	2001	rVV	874956	811552	62.18%	5.536%
40	13.863	2001	2002	2005	rVB	44658	30440	2.33%	0.208%
41	14.021	2027	2029	2035	rBV5	21724	33636	2.58%	0.229%
42	14.133	2045	2048	2056	rBV3	43424	59283	4.54%	0.404%
43	14.227	2061	2064	2066	rBV	21935	21718	1.66%	0.148%
44	14.292	2071	2075	2077	rBV2	40224	45017	3.45%	0.307%
45	14.339	2078	2083	2087	rBV5	111699	210605	16.14%	1.437%
46	14.474	2104	2106	2109	rVB3	21326	18773	1.44%	0.128%
47	14.621	2128	2131	2133	rBV	28862	25433	1.95%	0.173%
48	14.692	2139	2143	2146	rVB	183684	186311	14.28%	1.271%
49	14.751	2151	2153	2159	rVB7	31032	39144	3.00%	0.267%
50	14.845	2166	2169	2180	rVB	44088	77743	5.96%	0.530%
51	14.933	2181	2184	2188	rBV2	99085	115790	8.87%	0.790%
52	14.974	2188	2191	2194	rVV4	35153	52633	4.03%	0.359%
53	15.010	2194	2197	2200	rVB	32365	33203	2.54%	0.226%
54	15.121	2214	2216	2223	rVB	36403	46257	3.54%	0.316%
55	15.186	2223	2227	2229	rBV	39143	49036	3.76%	0.334%
56	15.245	2232	2237	2241	rBV	492632	574584	44.02%	3.919%
57	15.692	2309	2313	2317	rVB	67172	88173	6.76%	0.601%

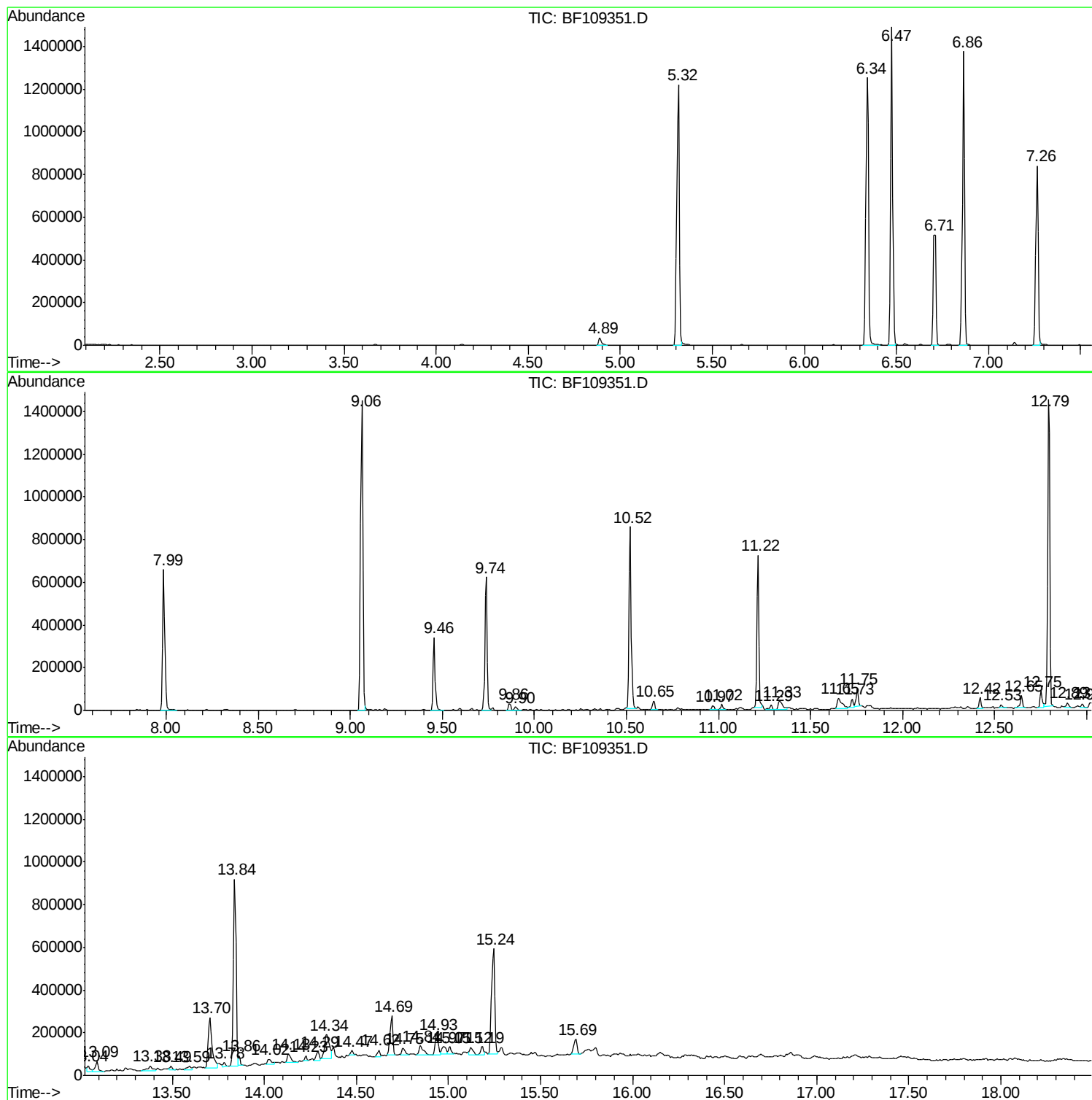
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
CA-SOIL-1

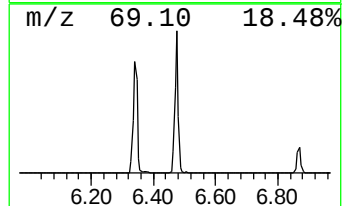
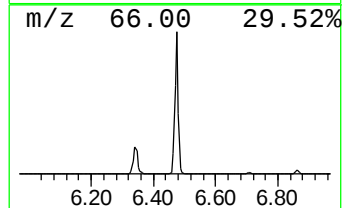
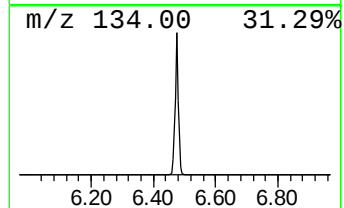
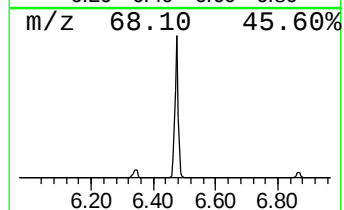
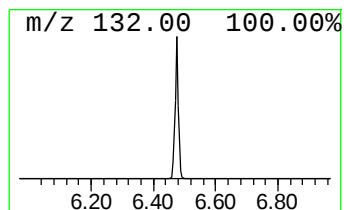
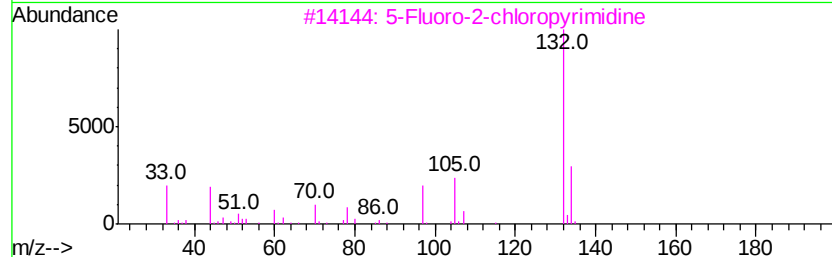
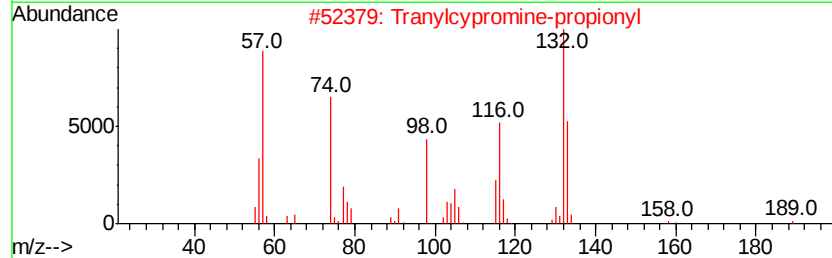
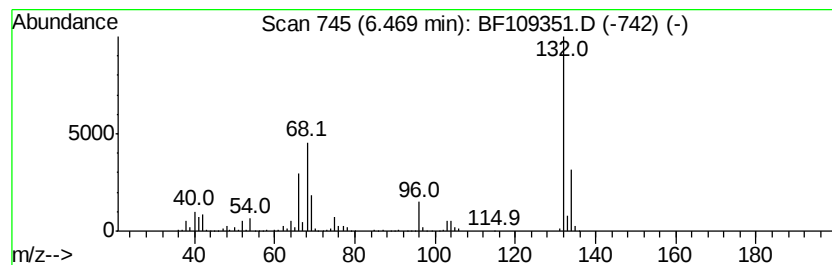
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	50.31 ng	1178340	1,4-Dichlorobenzene-d4	6.71

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	10
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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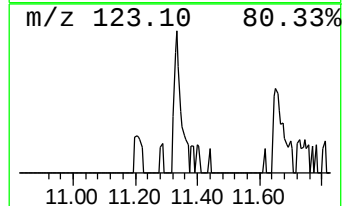
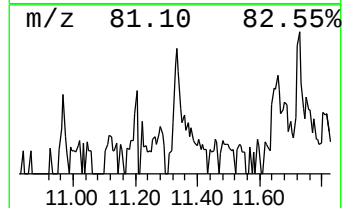
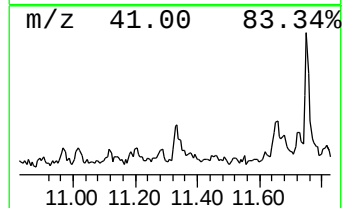
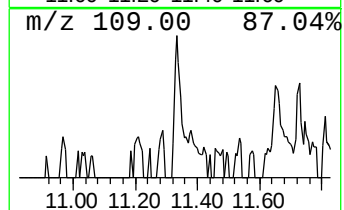
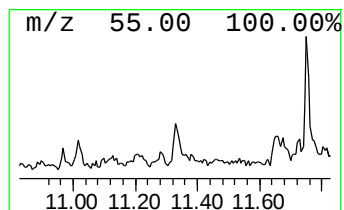
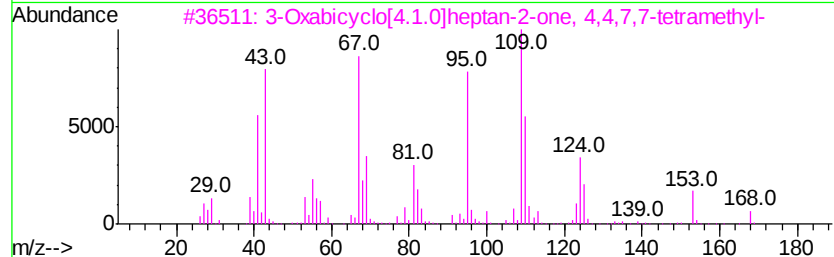
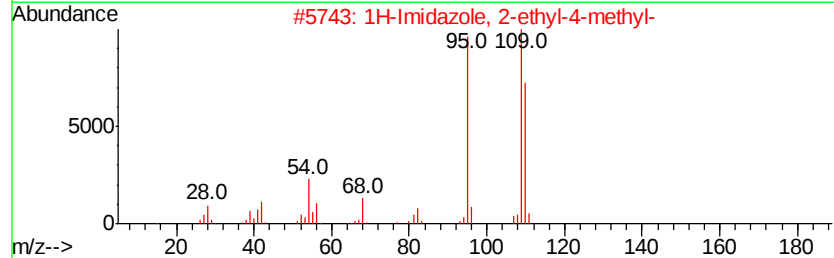
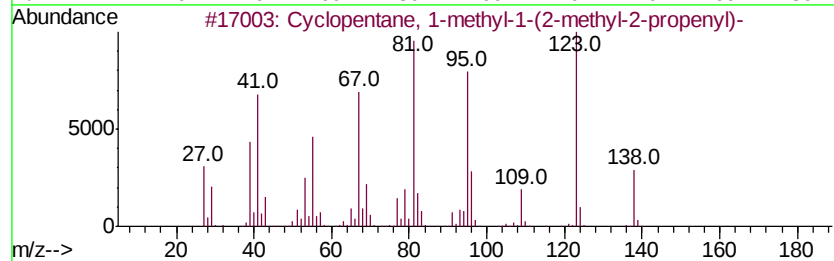
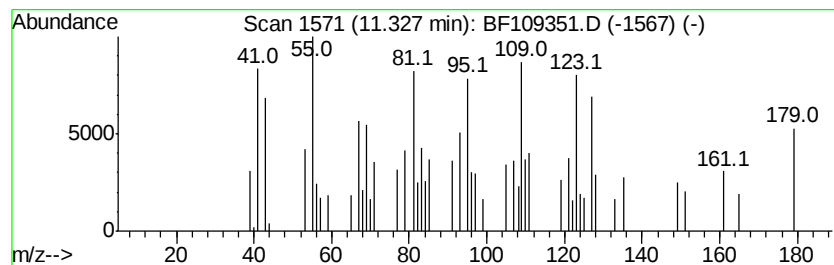
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown11.33 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.33	2.26 ng	67738	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	35
2		1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	30
3		3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	27
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	14
5		Hexahydroindole	123	C8H13N	018159-32-5	14



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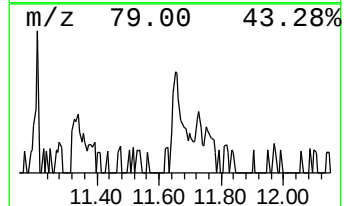
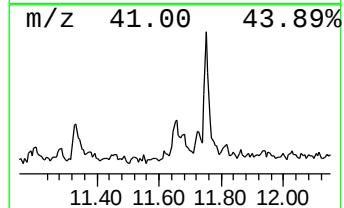
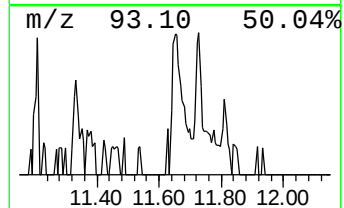
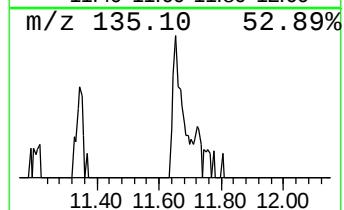
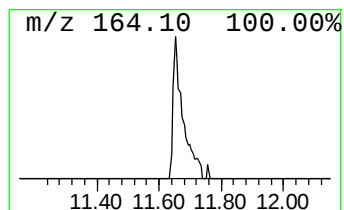
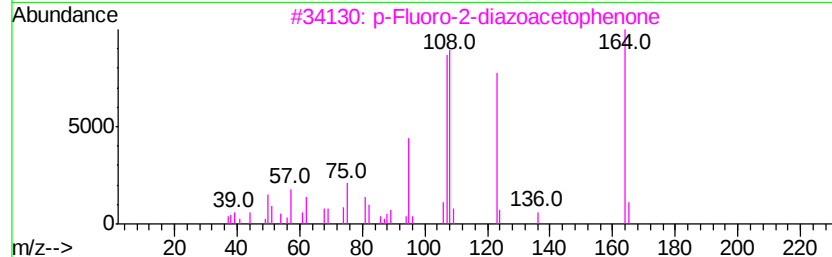
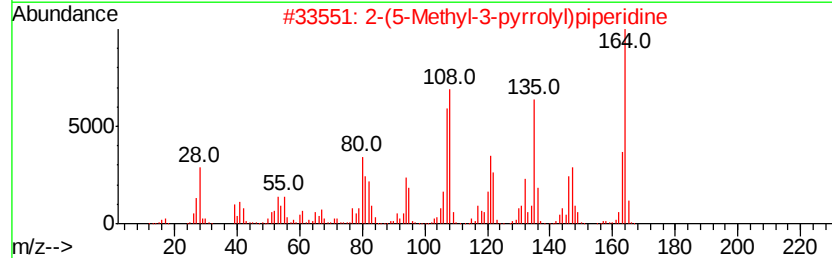
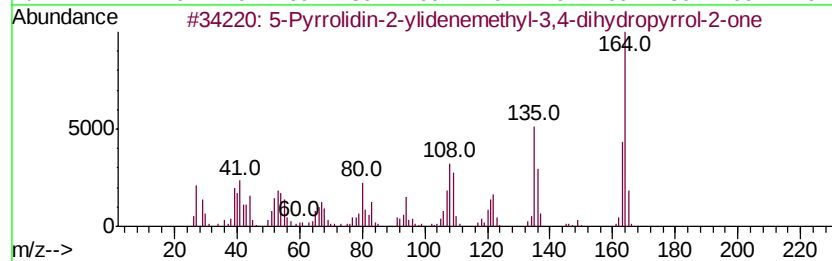
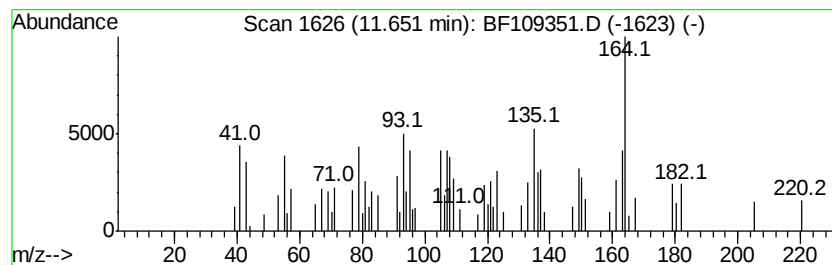
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5-Pyrrolidin-2-ylidenemethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.06 ng	91823	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Pyrrolidin-2-ylidenemethyl-3,4...	164	C9H12N2O	1000192-09-5	60
2		2-(5-Methyl-3-pyrrolyl)piperidine	164	C10H16N2	1000245-18-2	35
3		p-Fluoro-2-diazoacetophenone	164	C8H5FN2O	003488-44-6	35
4		1,3-Benzenediamine, N,N,N',N'-te...	164	C10H16N2	022440-93-3	27
5		5-Methoxy-2-allylphenol	164	C10H12O2	1000306-52-6	25



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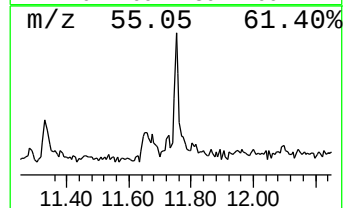
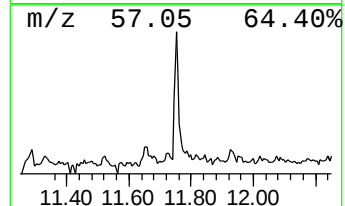
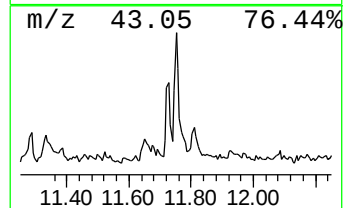
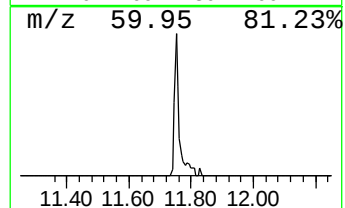
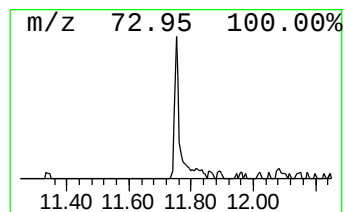
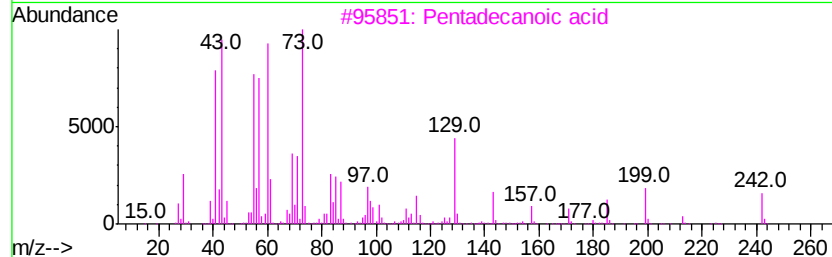
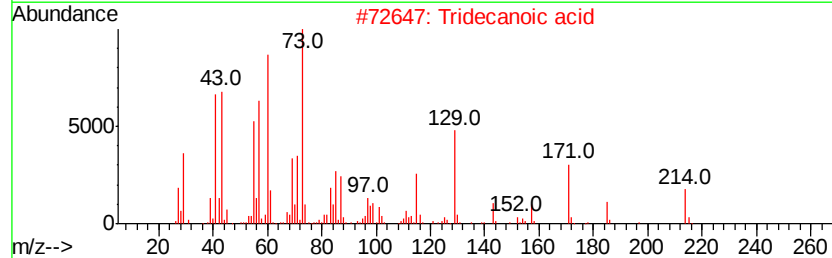
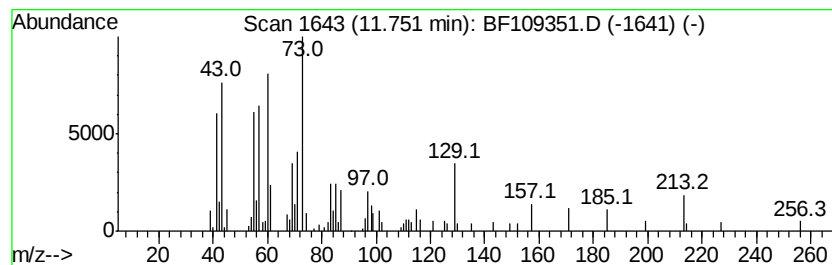
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.27 ng	68187	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Dodecanoic acid	200	C12H24O2	000143-07-7	38



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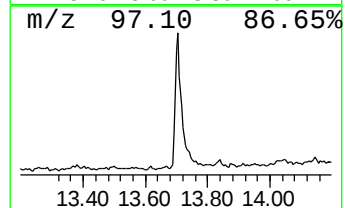
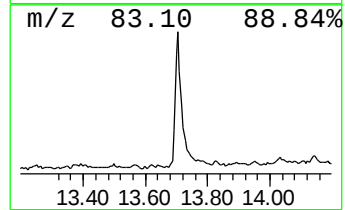
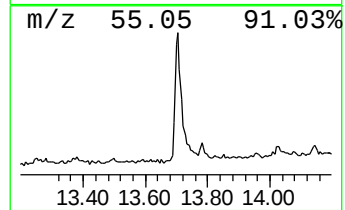
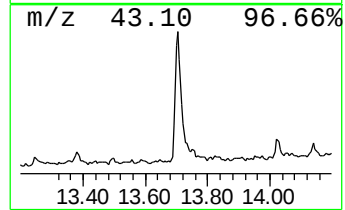
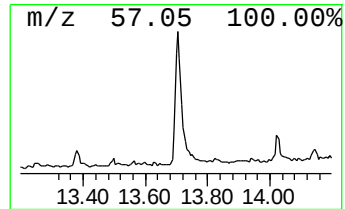
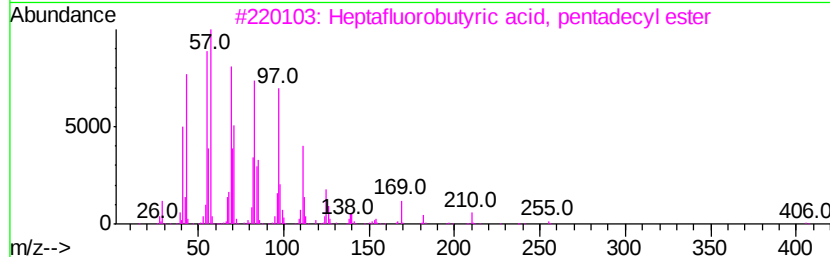
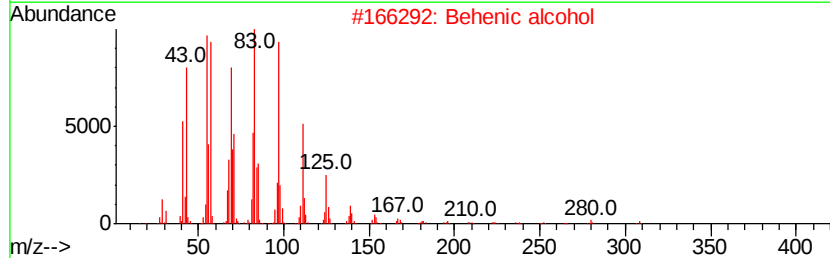
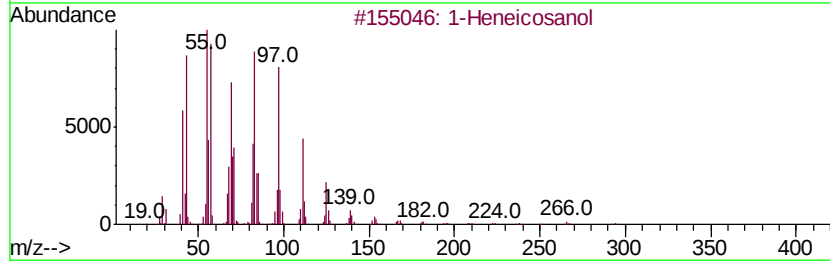
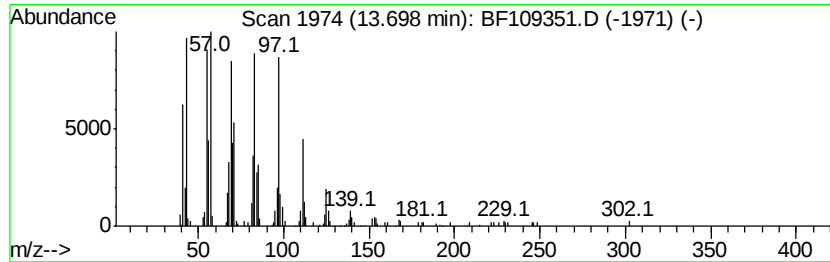
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.45 ng	343073	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Behenic alcohol		326	C22H46O	000661-19-8	95
3	Heptafluorobutvric acid, pentade...		424	C19H31F7O2	959261-23-5	94
4	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	94
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109351.D
Acq On : 26 Sep 2018 21:40
Operator : JU/SJ
Sample : J5074-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

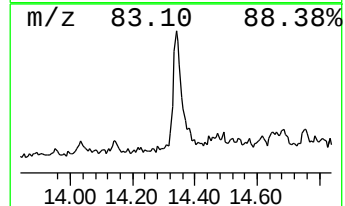
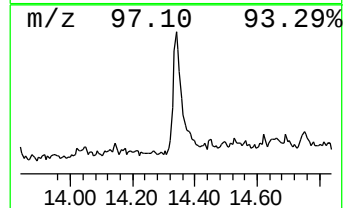
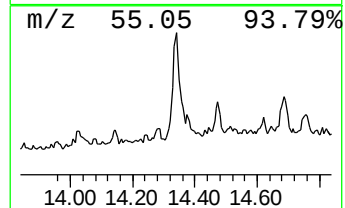
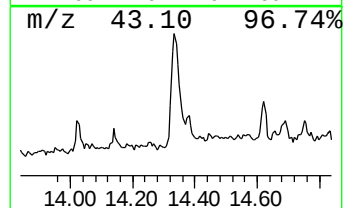
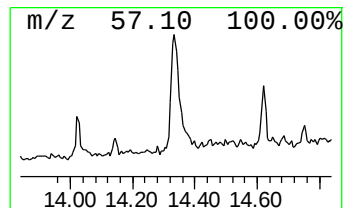
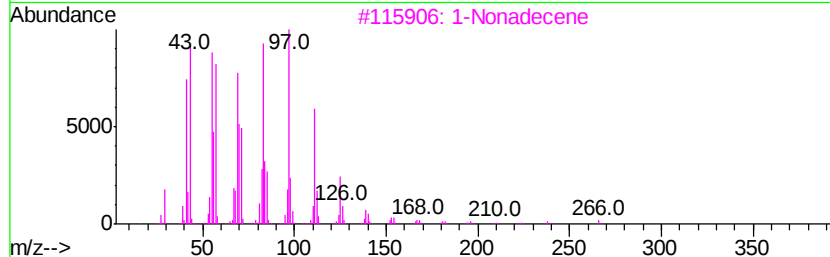
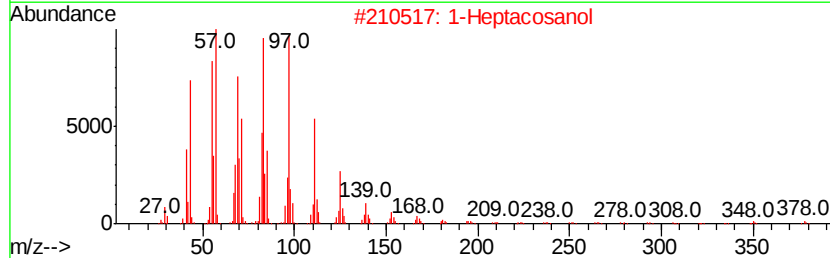
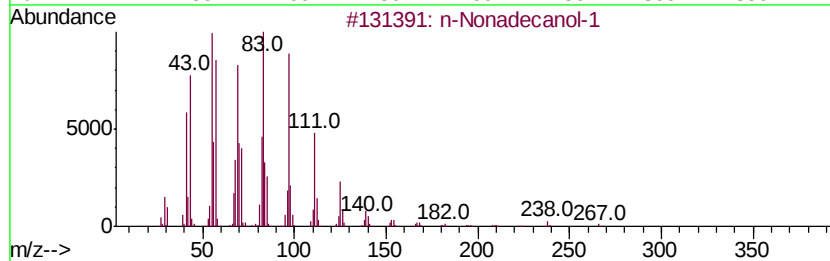
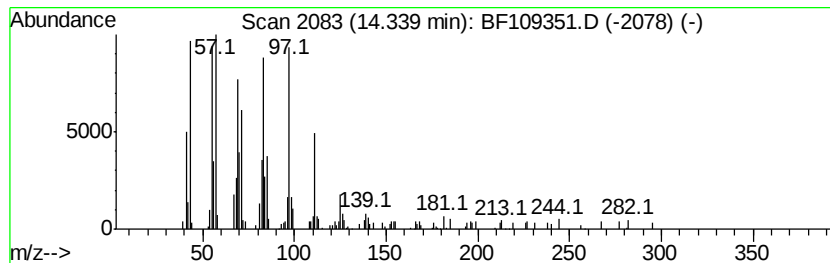
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.34	5.19 ng	210605	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109351.D
Acq On : 26 Sep 2018 21:40
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Sample : J5074-01
Misc :
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Instrument :
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ClientSampleId :
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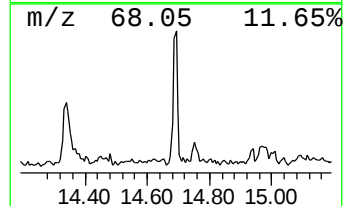
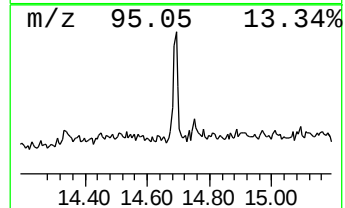
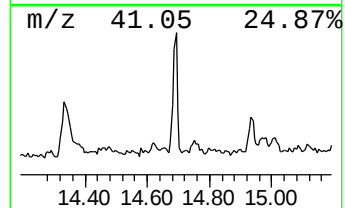
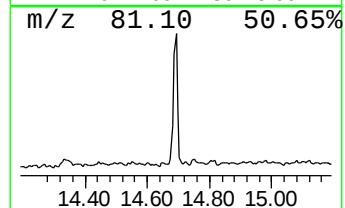
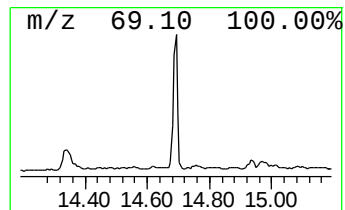
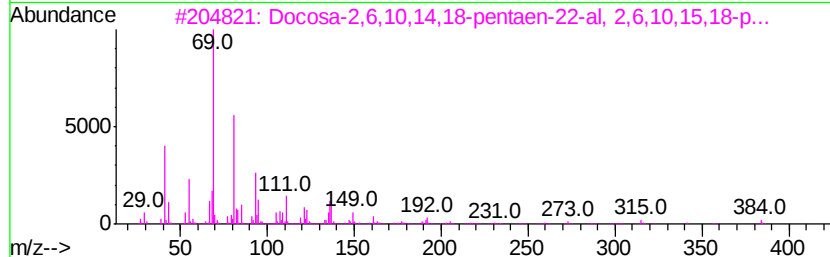
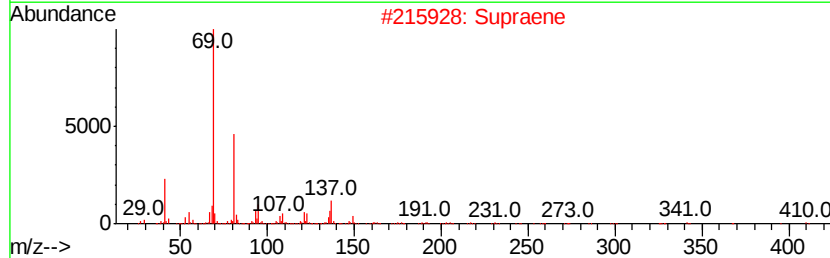
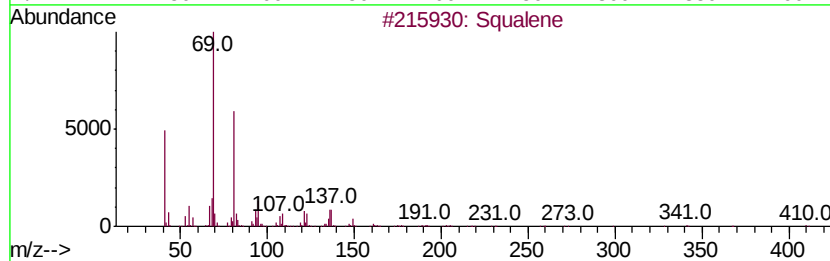
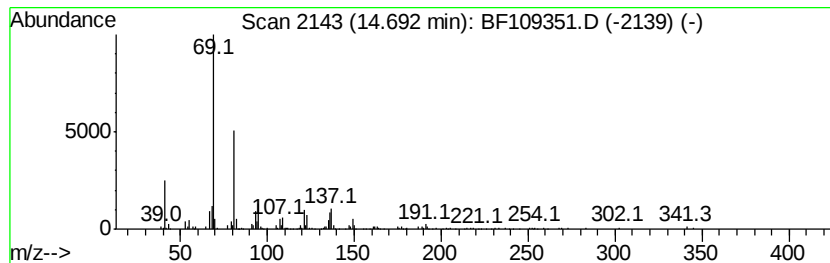
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.49 ng	186311	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4		trans-Farnesol	222	C15H26O	000106-28-5	72
5		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109351.D
Acq On : 26 Sep 2018 21:40
Operator : JU/SJ
Sample : J5074-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CA-SOIL-1

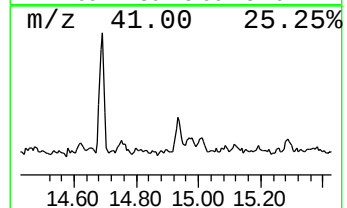
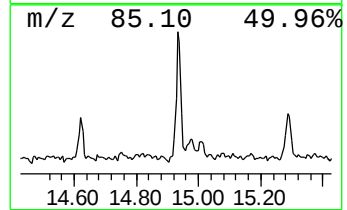
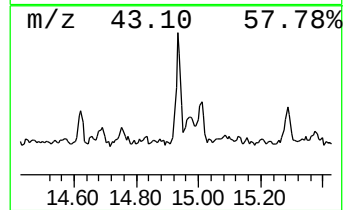
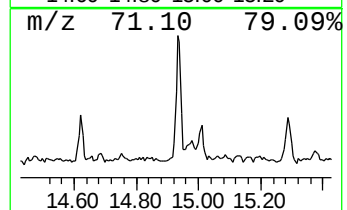
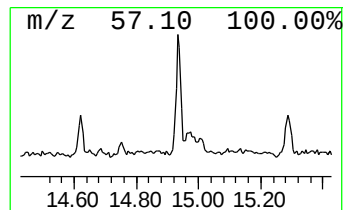
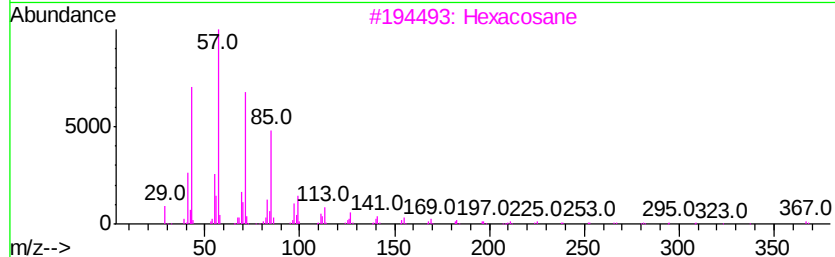
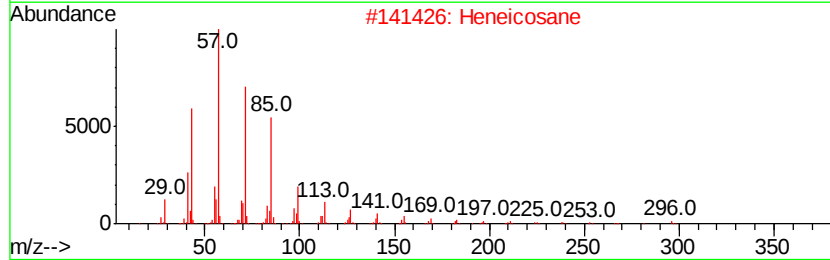
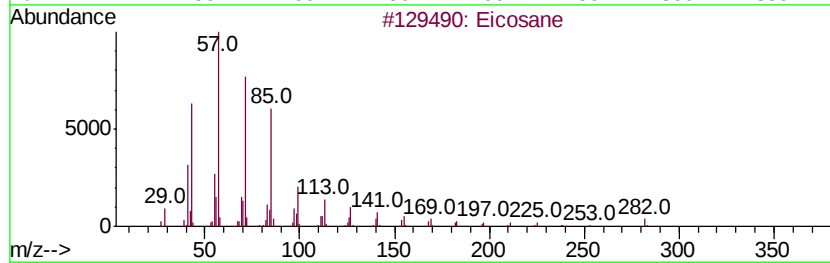
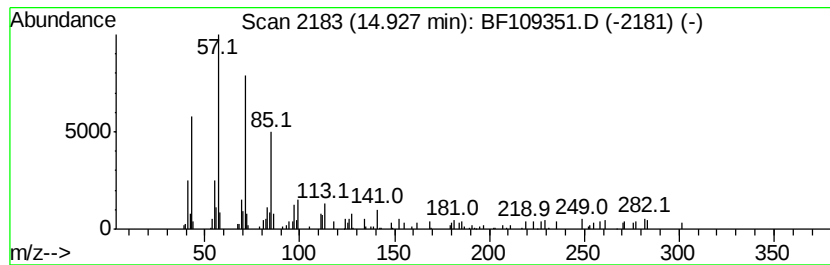
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	4.03 ng	115790	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109351.D
Acq On : 26 Sep 2018 21:40
Operator : JU/SJ
Sample : J5074-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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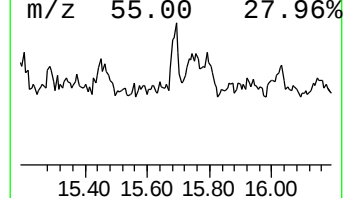
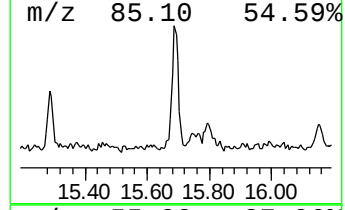
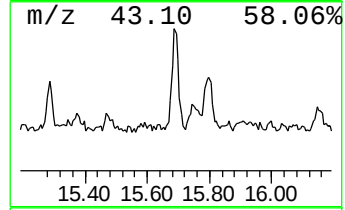
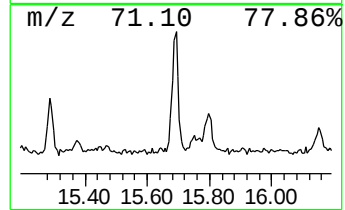
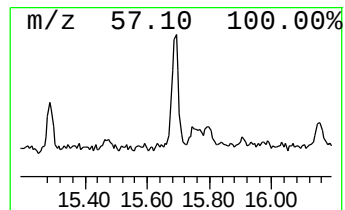
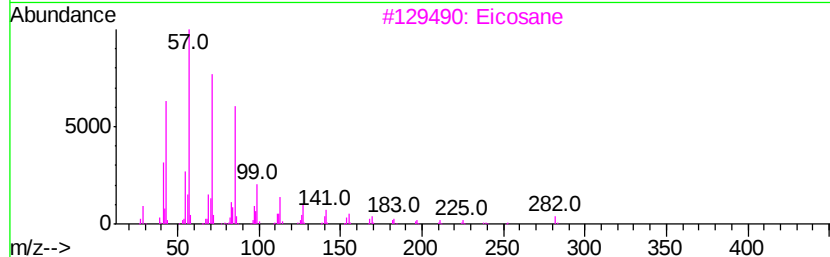
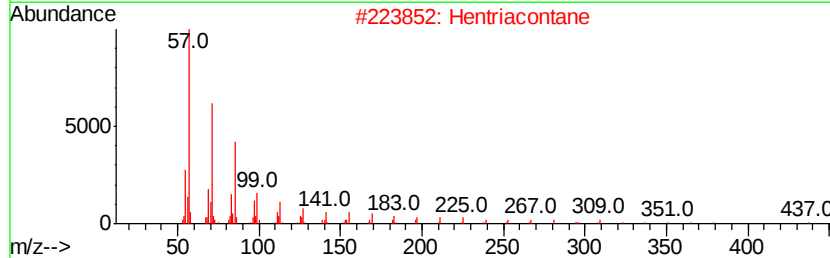
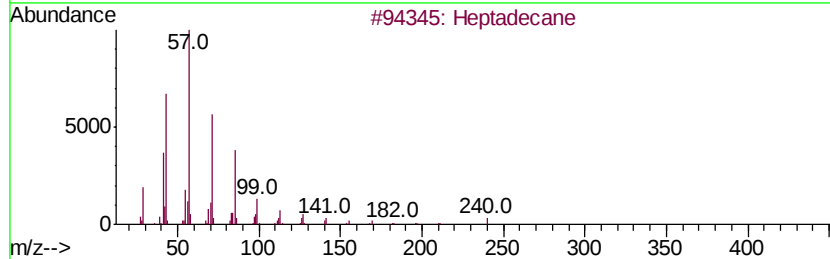
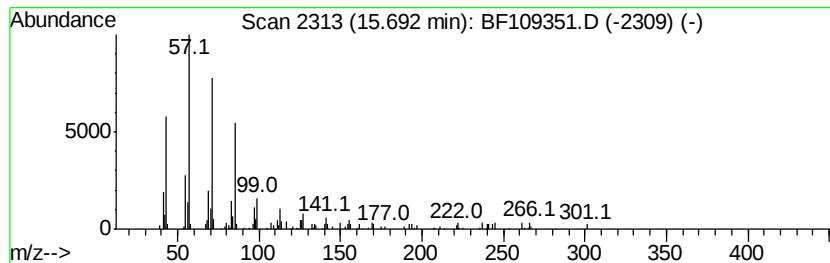
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.07 ng	88173	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Hentriacontane	437	C31H64	000630-04-6	90
3			Eicosane	282	C20H42	000112-95-8	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\
Data File : BF109351.D
Acq On : 26 Sep 2018 21:40
Operator : JU/SJ
Sample : J5074-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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unknown11.33	11.33	2.3	ng	67738	4	11.22	599813	20.0
5-Pyrrolidin-2-yl...	11.65	3.1	ng	91823	4	11.22	599813	20.0
n-Hexadecanoic acid	11.75	2.3	ng	68187	4	11.22	599813	20.0
1-Heneicosanol	13.70	8.4	ng	343073	5	13.84	811552	20.0
n-Nonadecanol-1	14.34	5.2	ng	210605	5	13.84	811552	20.0
Squalene	14.69	6.5	ng	186311	6	15.24	574584	20.0
Eicosane	14.93	4.0	ng	115790	6	15.24	574584	20.0
Heptadecane	15.69	3.1	ng	88173	6	15.24	574584	20.0