

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112780.D
 Acq On : 1 Mar 2019 00:00
 Operator : JU/SJ
 Sample : K1654-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

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	5.345	549	554	557	rBV	2682179	2569994	90.86%	9.205%
2	6.369	724	728	745	rVB	2647438	2717335	96.07%	9.732%
3	6.510	747	752	755	rBV	3029071	2740706	96.90%	9.816%
4	6.739	788	791	795	rBV	891519	747213	26.42%	2.676%
5	6.898	814	818	821	rBV	2491299	2055572	72.67%	7.362%
6	7.298	882	886	889	rBV	2013722	1650461	58.35%	5.911%
7	8.022	1006	1009	1023	rBV	1105586	1000478	35.37%	3.583%
8	9.098	1188	1192	1195	rBV	3511818	2828494	100.00%	10.131%
9	9.486	1256	1258	1262	rBV	186118	162170	5.73%	0.581%
10	9.669	1286	1289	1295	rVB	40071	50926	1.80%	0.182%
11	9.769	1303	1306	1310	rBV	1125921	1029825	36.41%	3.688%
12	9.804	1310	1312	1316	rVB	64188	55146	1.95%	0.198%
13	9.975	1338	1341	1345	rBV	50129	40406	1.43%	0.145%
14	10.316	1396	1399	1405	rVB	56218	49737	1.76%	0.178%
15	10.551	1435	1439	1443	rBV	2014447	1824000	64.49%	6.533%
16	11.051	1522	1524	1528	rVB	39503	33455	1.18%	0.120%
17	11.245	1554	1557	1560	rBV	1104728	1066566	37.71%	3.820%
18	11.269	1560	1561	1565	rVV	546918	373253	13.20%	1.337%
19	11.322	1565	1570	1573	rVB2	92285	93557	3.31%	0.335%
20	11.474	1593	1596	1599	rVB	54878	48036	1.70%	0.172%
21	11.727	1631	1639	1640	rBV3	22111	33863	1.20%	0.121%
22	11.780	1645	1648	1652	rBV2	219156	224568	7.94%	0.804%
23	11.857	1658	1661	1663	rBV	60495	59251	2.09%	0.212%
24	12.298	1732	1736	1739	rBV	51034	56906	2.01%	0.204%
25	12.451	1759	1762	1766	rBV	418426	358954	12.69%	1.286%
26	12.568	1779	1782	1786	rBV2	66479	84651	2.99%	0.303%
27	12.680	1796	1801	1803	rBV	297366	310440	10.98%	1.112%
28	12.704	1803	1805	1815	rVB3	81318	122200	4.32%	0.438%
29	12.827	1822	1826	1829	rVB	2572376	2153118	76.12%	7.712%
30	13.510	1939	1942	1947	rVB	32929	38361	1.36%	0.137%
31	13.621	1957	1961	1964	rBV2	31696	34905	1.23%	0.125%
32	13.733	1974	1980	1985	rVB3	96948	144963	5.13%	0.519%
33	13.868	1998	2003	2006	rBV2	839580	882853	31.21%	3.162%
34	13.898	2006	2008	2010	rVB	116995	91047	3.22%	0.326%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.057	2032	2035	2038	rBV	73804	64621	2.28%	0.231%
36	14.362	2084	2087	2092	rVB	112804	105312	3.72%	0.377%
37	14.657	2134	2137	2142	rVB	130727	123776	4.38%	0.443%
38	14.880	2171	2175	2178	rBV	115725	169841	6.00%	0.608%
39	14.980	2188	2192	2198	rVB	165618	186731	6.60%	0.669%
40	15.162	2220	2223	2228	rVB	61588	73233	2.59%	0.262%
41	15.215	2229	2232	2237	rVV	88229	108456	3.83%	0.388%
42	15.280	2238	2243	2247	rVV	731908	839021	29.66%	3.005%
43	15.339	2249	2253	2260	rVB	137595	184840	6.53%	0.662%
44	15.745	2318	2322	2326	rVB	104233	133605	4.72%	0.479%
45	16.215	2398	2402	2410	rVB2	67602	123996	4.38%	0.444%
46	16.768	2492	2496	2503	rVB4	37613	73501	2.60%	0.263%

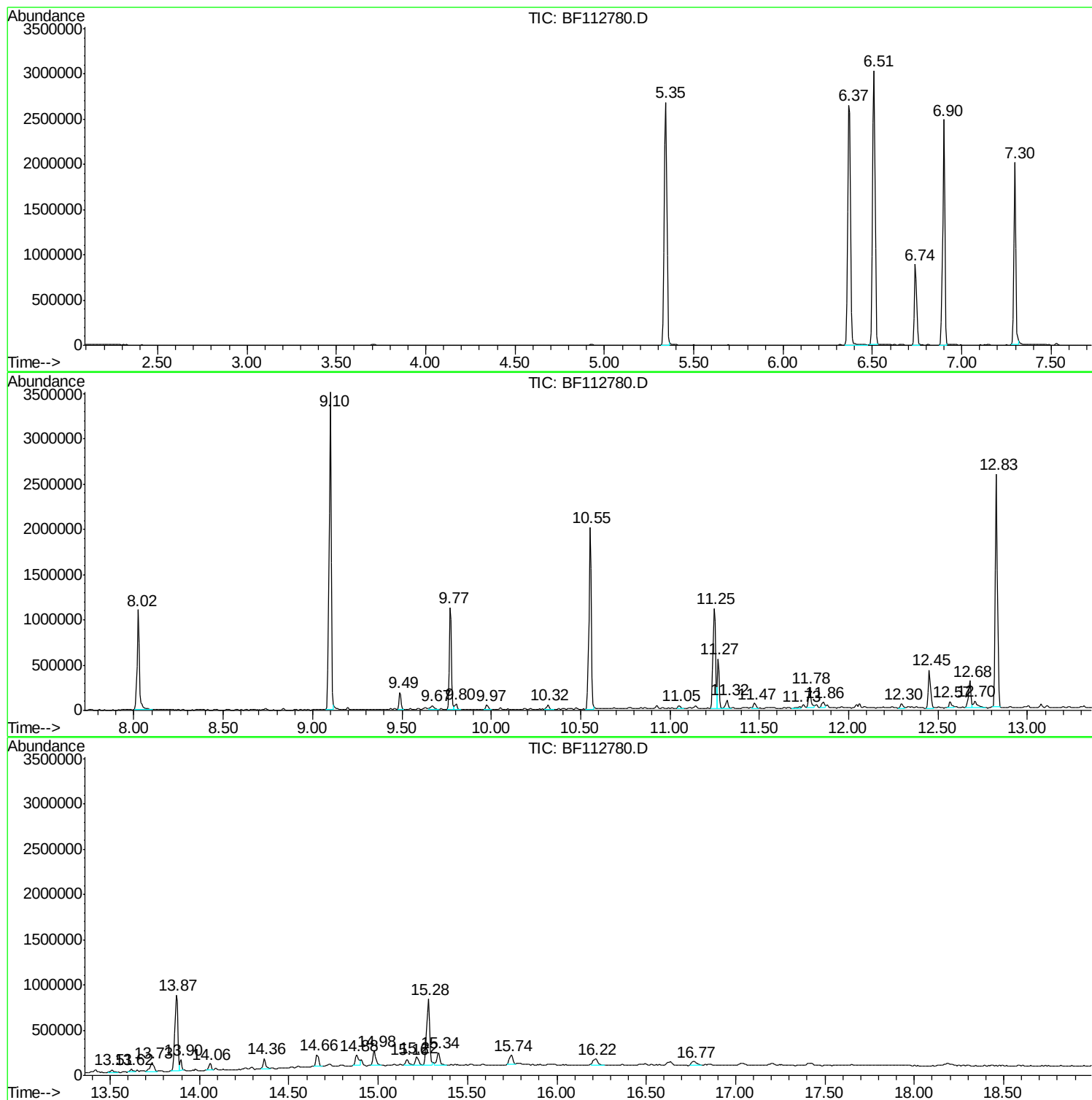
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Instrument :
BNA_F
ClientSampled :
SOIL-PILE

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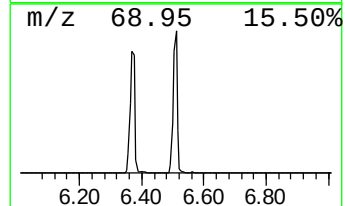
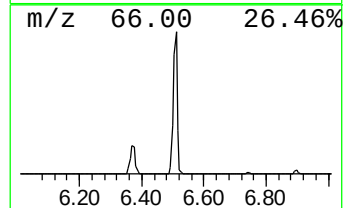
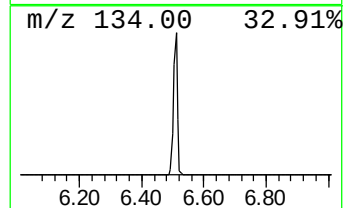
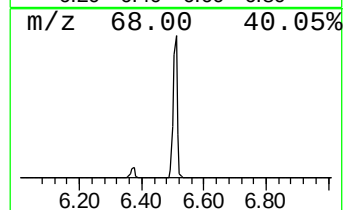
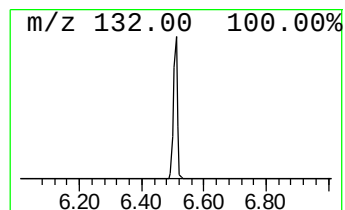
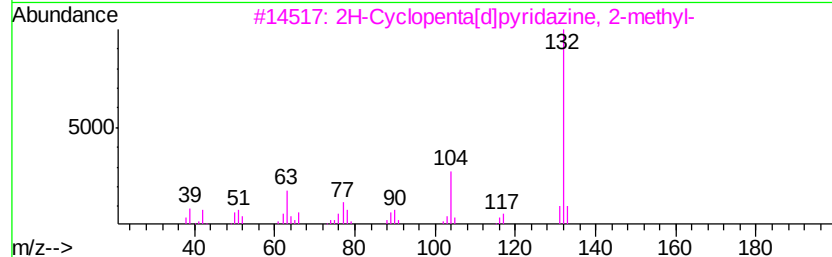
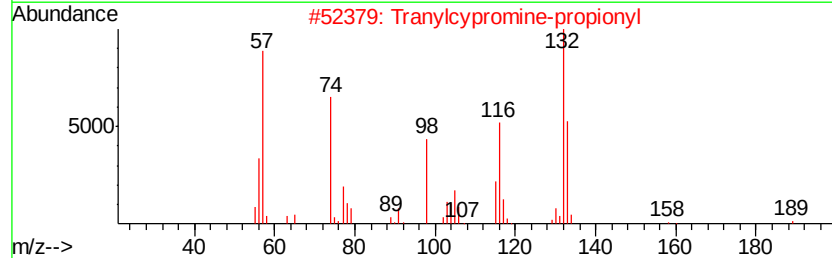
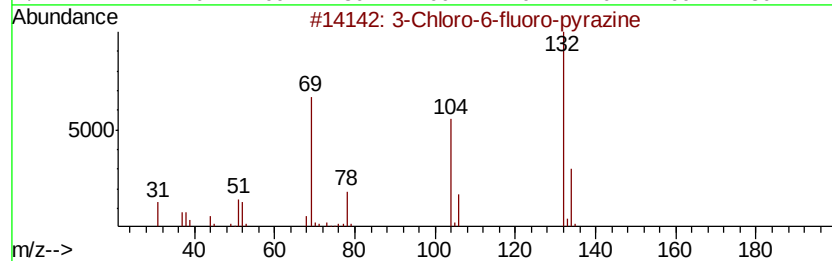
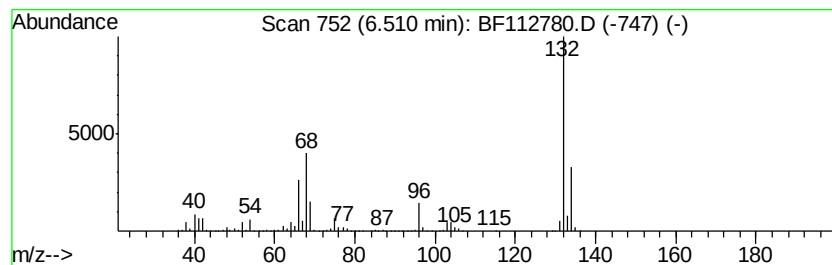
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	73.36 ng	2740710	1,4-Dichlorobenzene-d4	6.74

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		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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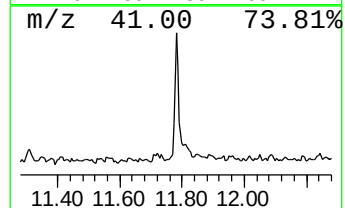
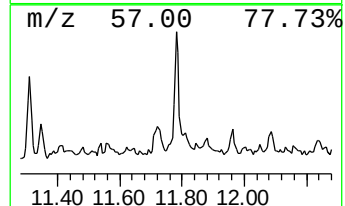
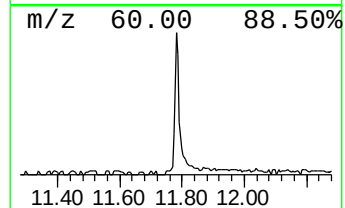
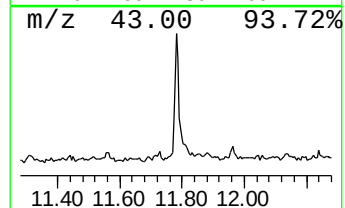
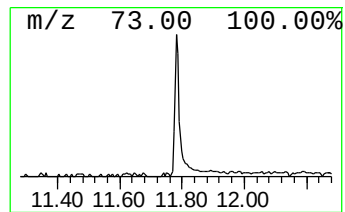
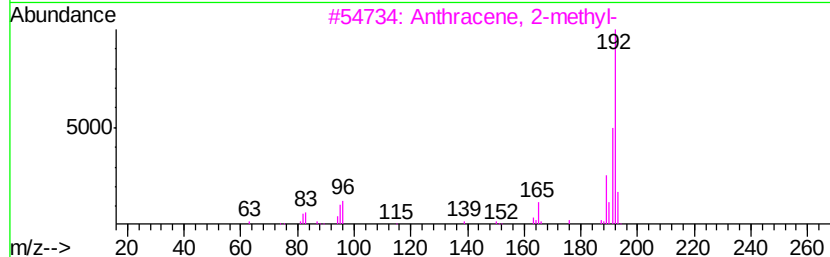
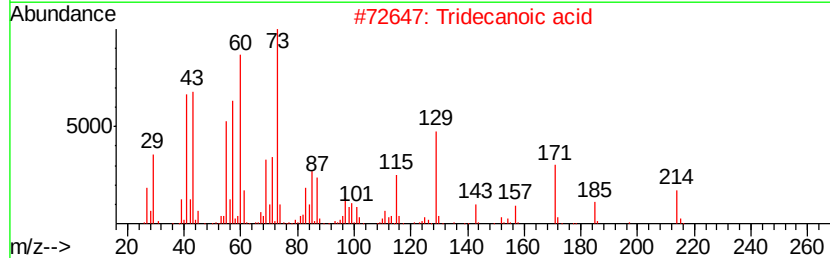
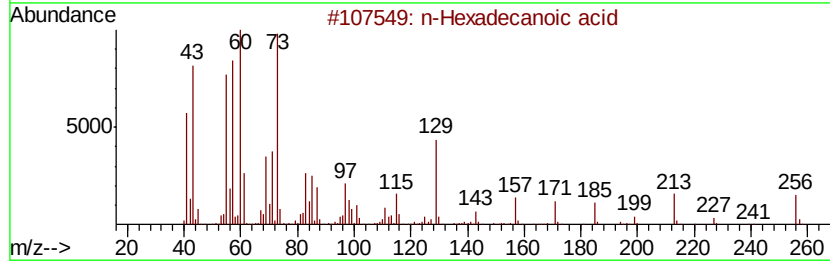
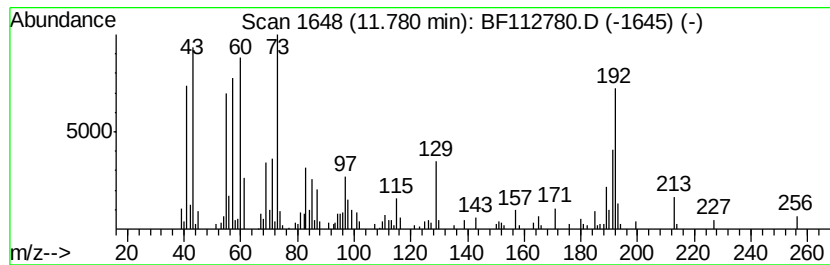
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	4.21 ng	224568	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53



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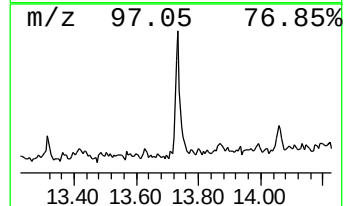
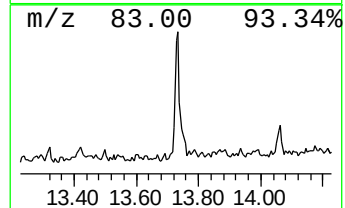
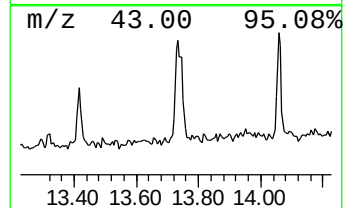
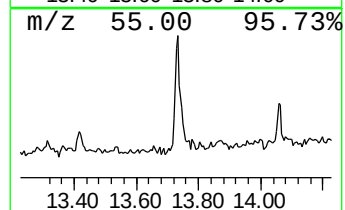
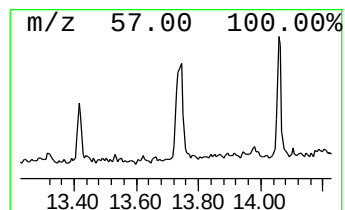
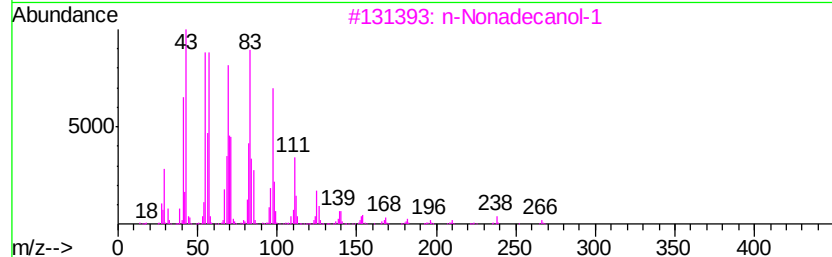
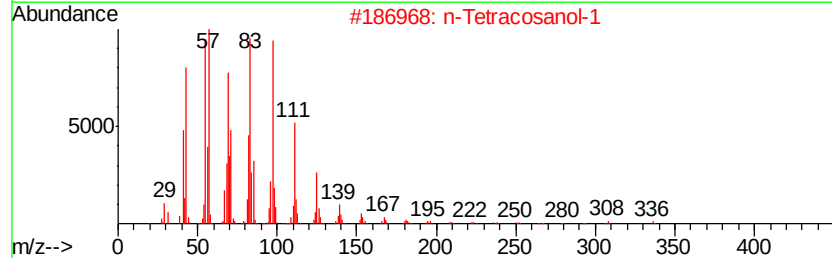
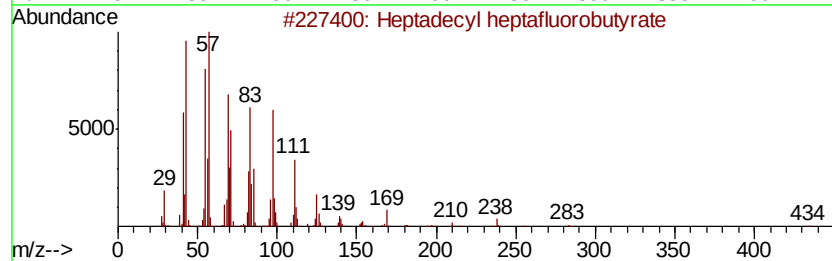
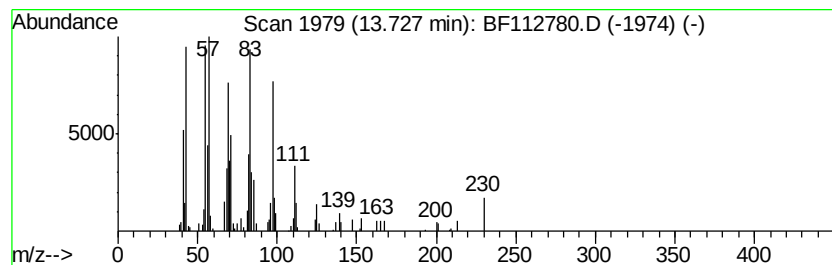
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.28 ng	144963	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



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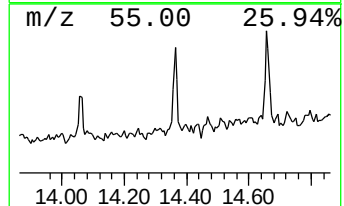
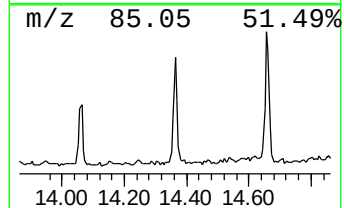
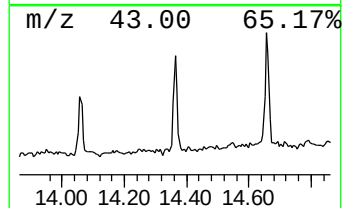
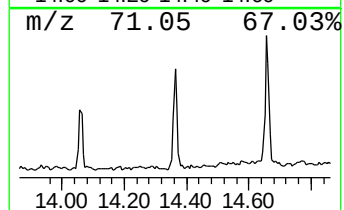
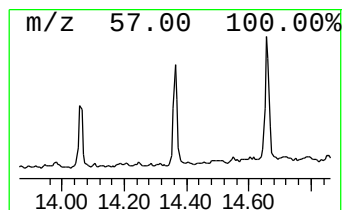
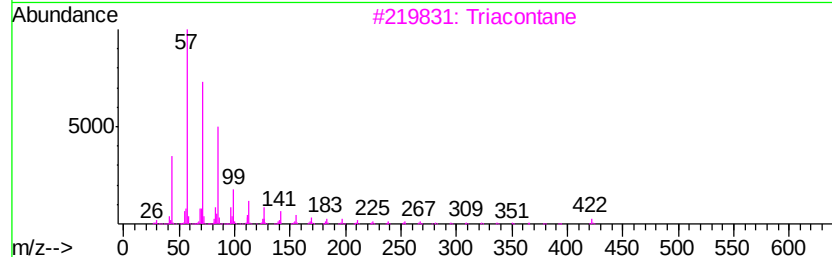
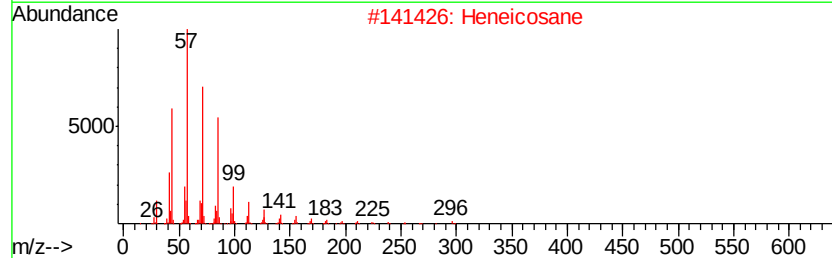
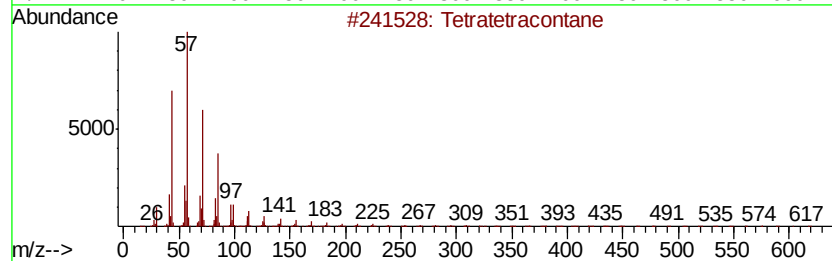
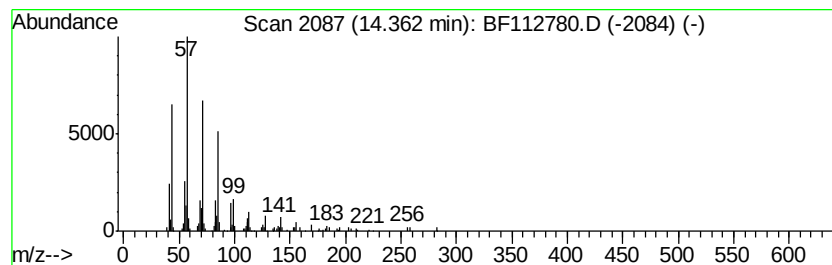
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.39 ng	105312	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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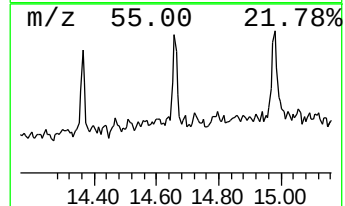
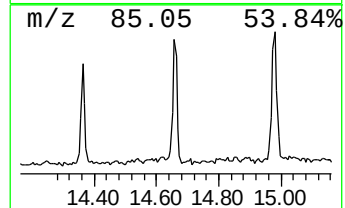
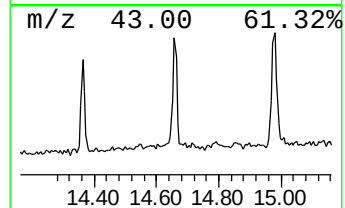
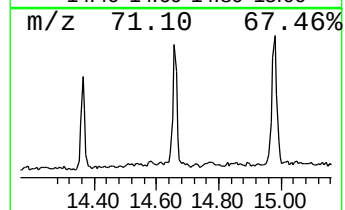
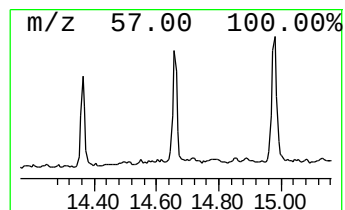
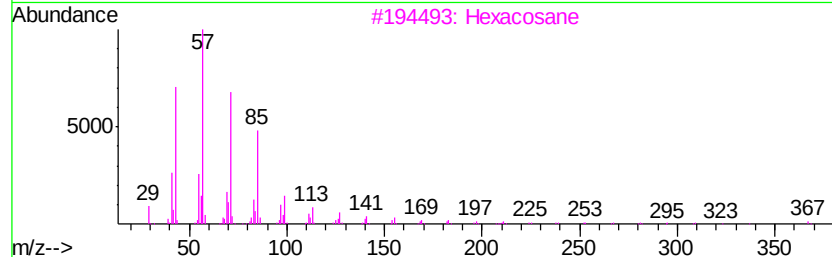
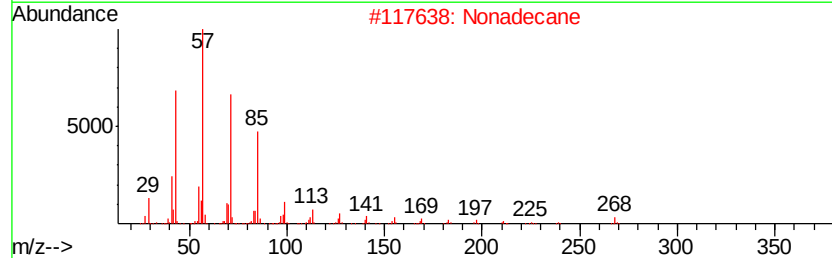
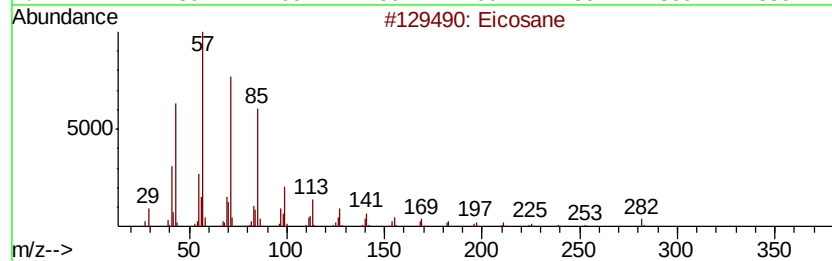
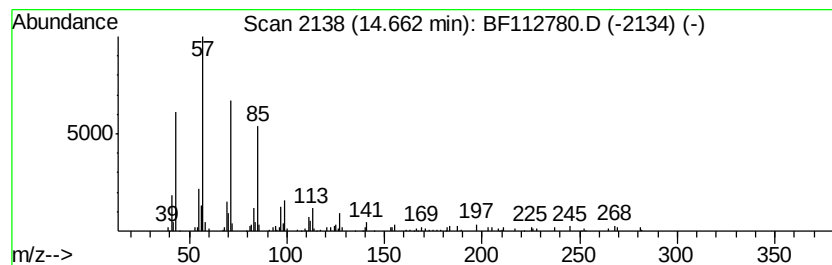
Instrument :
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.95 ng	123776	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	94
2	Nonadecane	268 C19H40	000629-92-5	93
3	Hexacosane	366 C26H54	000630-01-3	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Heptadecane	240 C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112780.D
Acq On : 1 Mar 2019 00:00
Operator : JU/SJ
Sample : K1654-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

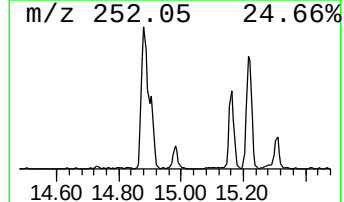
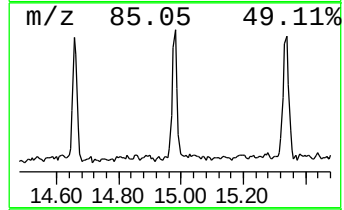
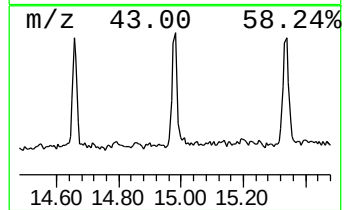
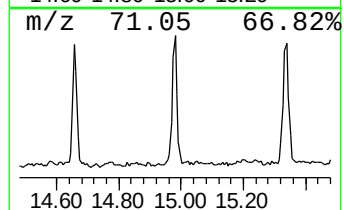
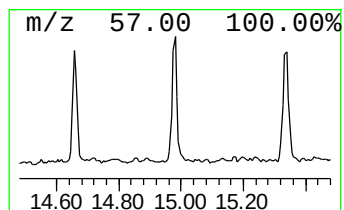
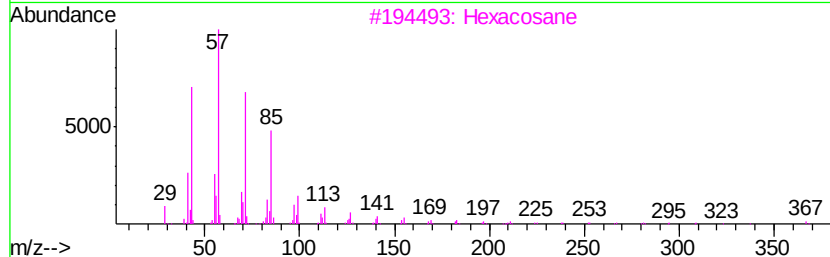
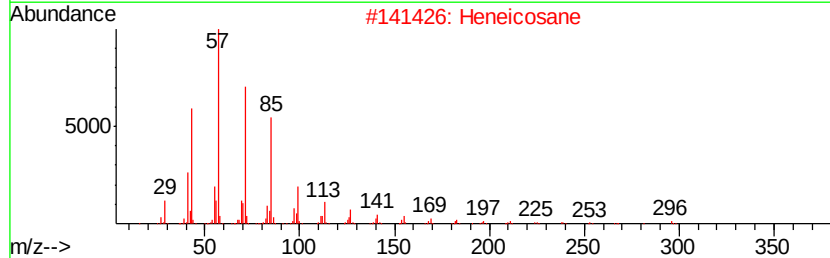
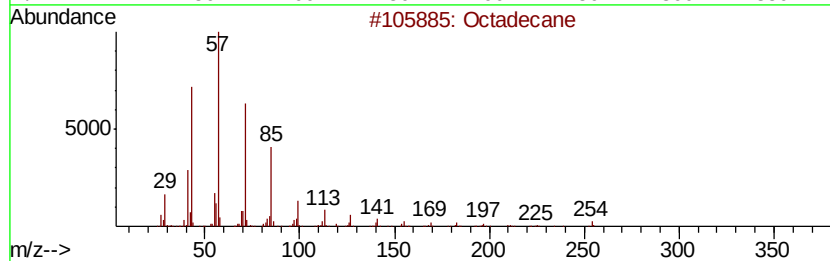
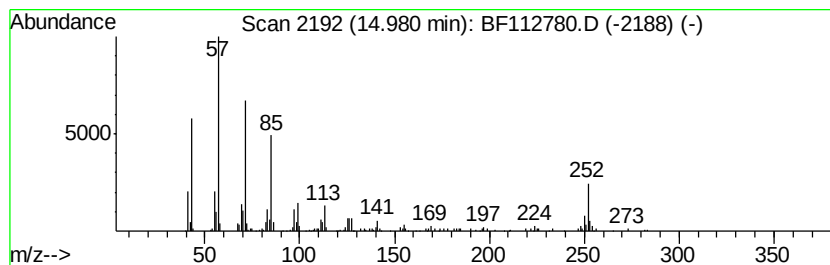
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.45 ng	186731	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heneicosane	296	C21H44	000629-94-7	81
3		Hexacosane	366	C26H54	000630-01-3	81
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
5		Tetratetracontane	619	C44H90	007098-22-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112780.D
Acq On : 1 Mar 2019 00:00
Operator : JU/SJ
Sample : K1654-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

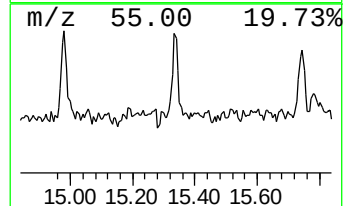
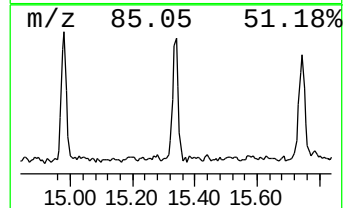
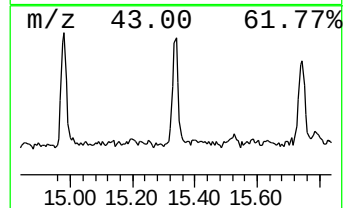
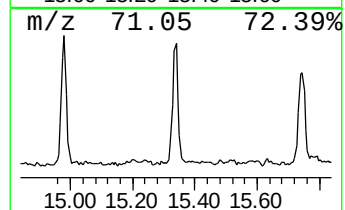
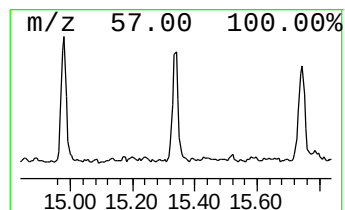
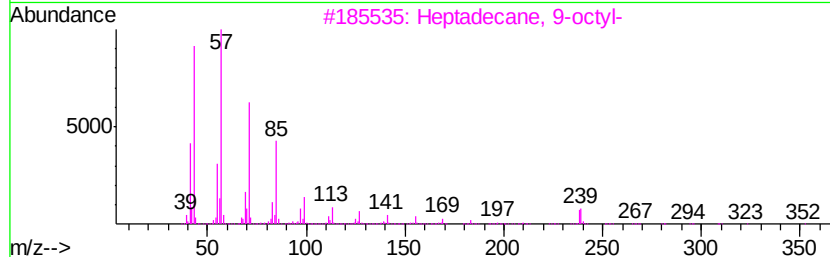
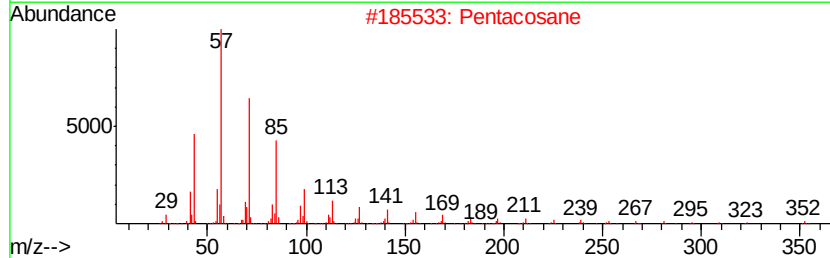
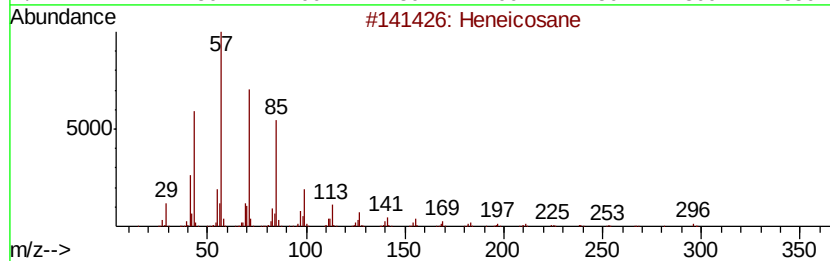
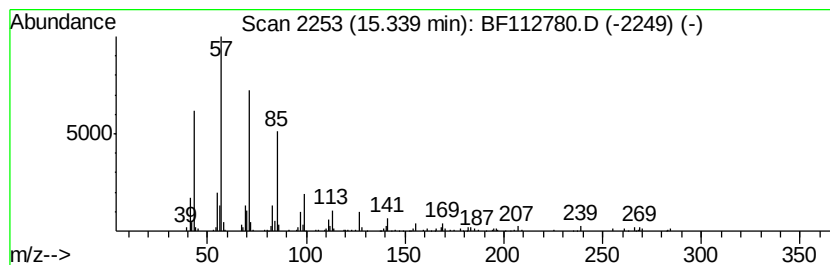
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.41 ng	184840	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Nonadecane	268	C19H40	000629-92-5	90



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Operator : JU/SJ
Sample : K1654-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

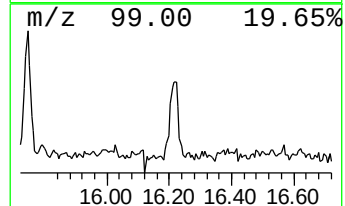
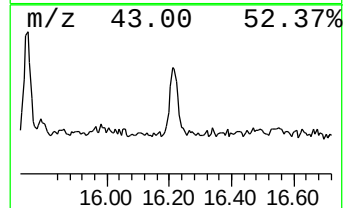
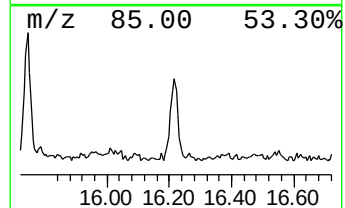
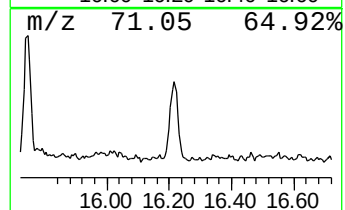
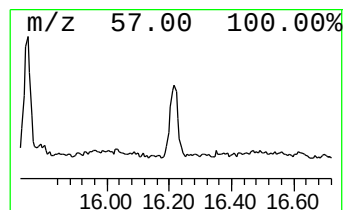
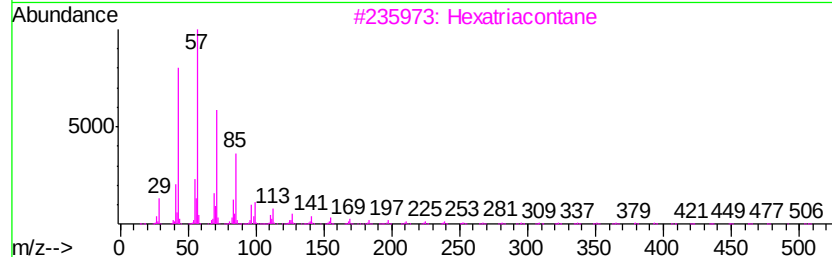
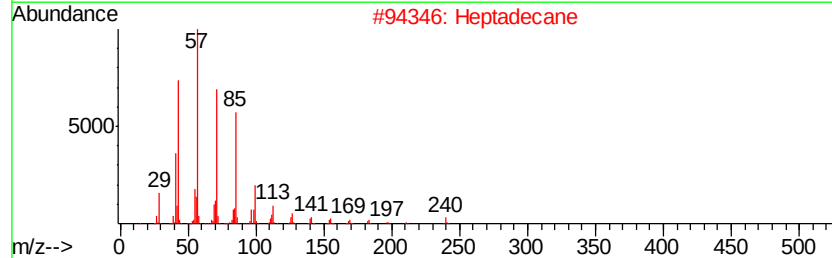
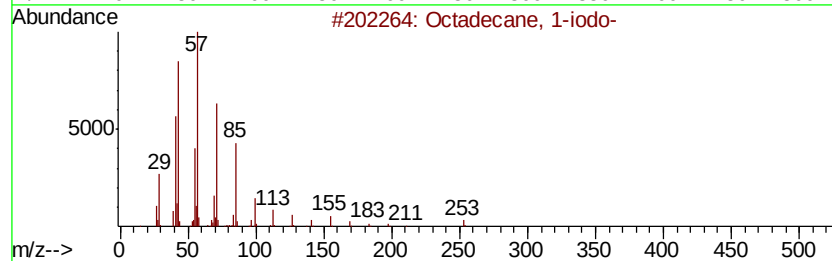
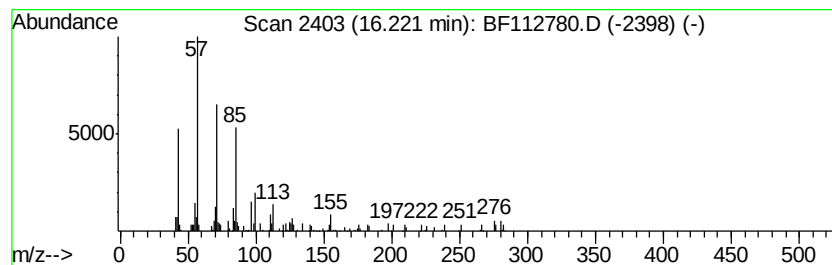
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.96 ng	123996	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
2		Heptadecane	240	C17H36	000629-78-7	72
3		Hexatriacontane	507	C36H74	000630-06-8	64
4		Octacosane	394	C28H58	000630-02-4	58
5		Tetratetracontane	619	C44H90	007098-22-8	58



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Sample : K1654-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

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
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n-Hexadecanoic acid	11.78	4.2	ng	224568	4	11.24	1066570	20.0
Heptadecyl heptaf...	13.73	3.3	ng	144963	5	13.87	882853	20.0
Tetratetracontane	14.36	2.4	ng	105312	5	13.87	882853	20.0
Eicosane	14.66	3.0	ng	123776	6	15.28	839021	20.0
Octadecane	14.98	4.5	ng	186731	6	15.28	839021	20.0
Heneicosane	15.34	4.4	ng	184840	6	15.28	839021	20.0
Octadecane, 1-iodo-	16.22	3.0	ng	123996	6	15.28	839021	20.0