

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086829.D
 Acq On : 9 May 2016 18:18
 Operator : UM/SJ
 Sample : H2817-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

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:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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	4.864	241	243	256	rBV	206876	430601	3.25%	0.166%
2	5.287	278	280	283	rBV	3201603	4328386	32.65%	1.665%
3	6.384	371	376	378	rBV2	5693091	11896772	89.73%	4.576%
4	6.476	378	384	388	rVB3	4168764	12714722	95.90%	4.891%
5	6.636	395	398	401	rBV	6674124	7675979	57.89%	2.953%
6	6.716	401	405	407	rBV2	7440728	9260286	69.84%	3.562%
7	6.876	414	419	421	rBV2	7308903	13258727	100.00%	5.100%
8	7.207	445	448	450	rBV	6004904	7030802	53.03%	2.705%
9	7.264	450	453	455	rBV	3198256	3265654	24.63%	1.256%
10	7.527	473	476	484	rVV	4266172	10641879	80.26%	4.094%
11	7.664	484	488	492	rVB3	138484	262542	1.98%	0.101%
12	7.859	502	505	507	rBV	2943393	3784178	28.54%	1.456%
13	7.927	507	511	513	rVV	5862196	6926005	52.24%	2.664%
14	8.007	513	518	520	rVV2	4131983	6533449	49.28%	2.513%
15	8.122	525	528	530	rBV	3285879	3391604	25.58%	1.305%
16	8.556	563	566	569	rBV	5821851	7760156	58.53%	2.985%
17	8.647	571	574	575	rVV	89426	138778	1.05%	0.053%
18	8.705	575	579	581	rVV	8173388	11923614	89.93%	4.587%
19	8.785	584	586	588	rVB	140805	181859	1.37%	0.070%
20	8.979	600	603	605	rBV	4339239	6509374	49.10%	2.504%
21	9.025	605	607	608	rVV	2542012	2888928	21.79%	1.111%
22	9.059	608	610	612	rVV	4422107	4879423	36.80%	1.877%
23	9.185	618	621	623	rVV	5750142	6479951	48.87%	2.493%
24	9.459	642	645	647	rBV	515053	512574	3.87%	0.197%
25	9.665	661	663	666	rBV	286866	265710	2.00%	0.102%
26	9.733	666	669	670	rVV	1229061	2207698	16.65%	0.849%
27	9.768	670	672	674	rVB	6127936	6509867	49.10%	2.504%
28	9.893	680	683	685	rBV	3473551	4416246	33.31%	1.699%
29	10.168	703	707	709	rBV	4255742	5407803	40.79%	2.080%
30	10.282	713	717	719	rVV	7121031	8925963	67.32%	3.434%
31	10.385	723	726	729	rBV	105066	168767	1.27%	0.065%
32	10.522	735	738	740	rBV	2811385	3502899	26.42%	1.347%
33	10.636	746	748	753	rVB	343888	407889	3.08%	0.157%
34	10.762	756	759	761	rBV	4272335	4822398	36.37%	1.855%

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35	11.025	779	782	784	rBV	4165112	4227945	31.89%	1.626%
36	11.082	786	787	788	rVV	257098	207206	1.56%	0.080%
37	11.208	796	798	800	rBV	1906259	1707918	12.88%	0.657%
38	11.288	802	805	808	rBV	5380552	5894145	44.45%	2.267%
39	11.791	843	849	851	rBV	6803759	8941256	67.44%	3.439%
40	12.031	868	870	875	rVB	289221	281458	2.12%	0.108%
41	12.556	915	916	919	rVB	109441	133664	1.01%	0.051%
42	12.648	921	924	927	rVB	5777581	9375399	70.71%	3.606%
43	12.785	933	936	939	rBV	3640361	4921321	37.12%	1.893%
44	13.025	954	957	963	rVB2	67286	161377	1.22%	0.062%
45	13.276	975	979	981	rBV	4055361	5855434	44.16%	2.252%
46	13.699	1011	1016	1022	rBV2	183178	457223	3.45%	0.176%
47	13.825	1025	1027	1029	rBV2	5657075	8780973	66.23%	3.378%
48	13.871	1029	1031	1033	rVB	5823286	6684152	50.41%	2.571%
49	14.317	1067	1070	1071	rBV	109894	152555	1.15%	0.059%
50	14.442	1078	1081	1083	rBV	6292163	6693507	50.48%	2.575%
51	14.602	1091	1095	1098	rBV3	90827	190251	1.43%	0.073%
52	14.671	1098	1101	1103	rVB	720699	700943	5.29%	0.270%
53	14.831	1112	1115	1116	rBV	2461935	3345410	25.23%	1.287%
54	14.877	1116	1119	1120	rVV	4445039	7098013	53.53%	2.730%
55	14.899	1120	1121	1124	rVV	375572	403222	3.04%	0.155%
56	15.208	1145	1148	1156	rVB	906813	1211938	9.14%	0.466%
57	15.608	1180	1183	1187	rBV	169139	244575	1.84%	0.094%
58	16.888	1290	1295	1303	rBV	1297130	2982168	22.49%	1.147%

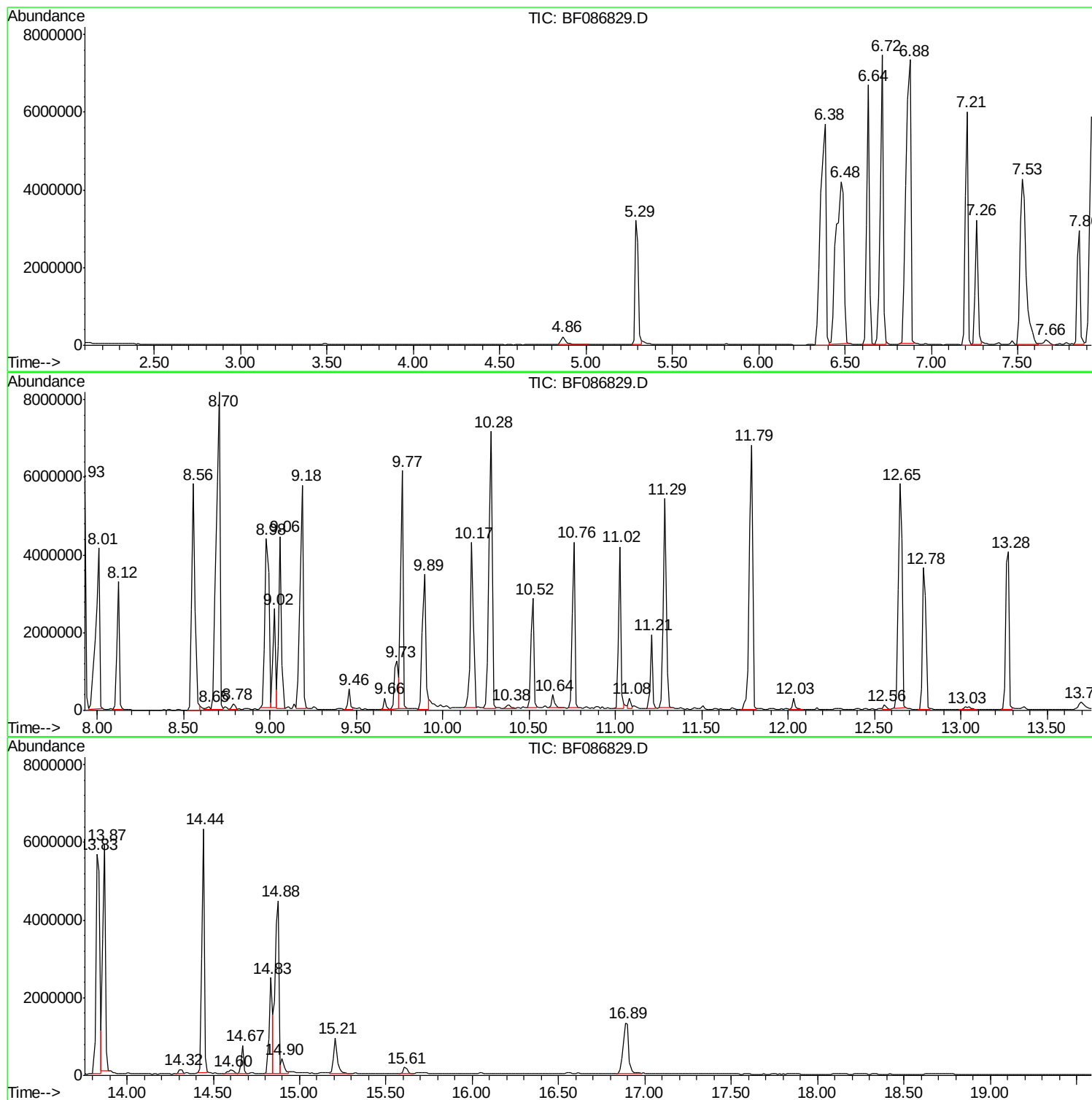
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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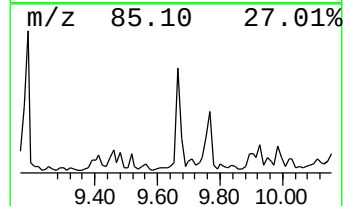
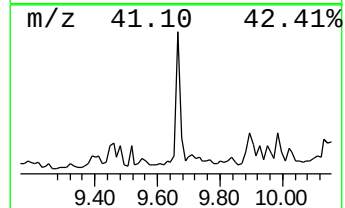
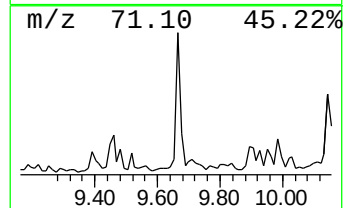
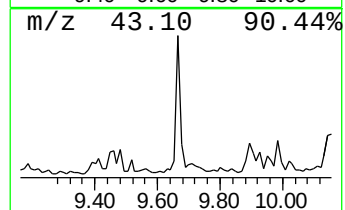
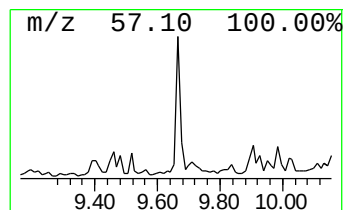
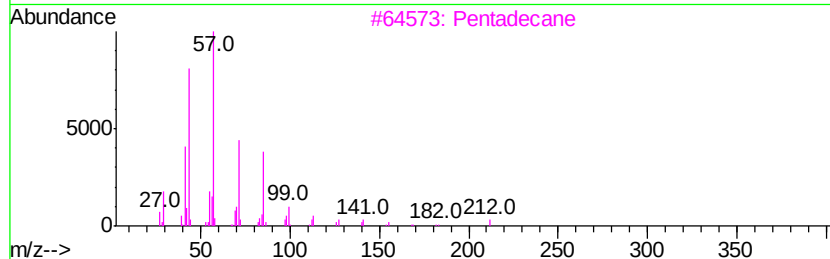
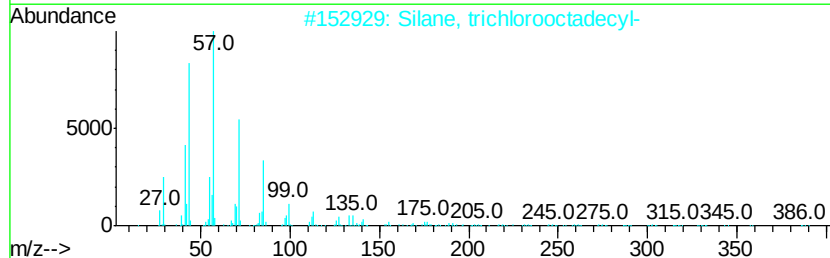
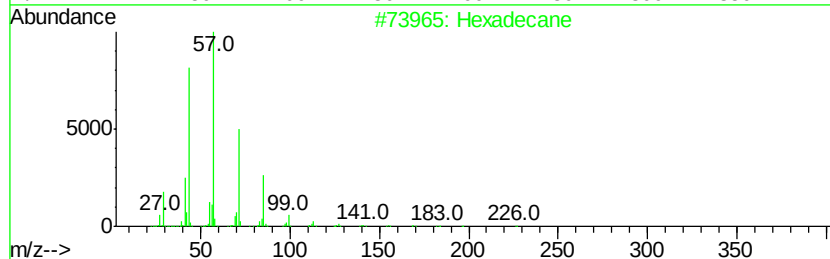
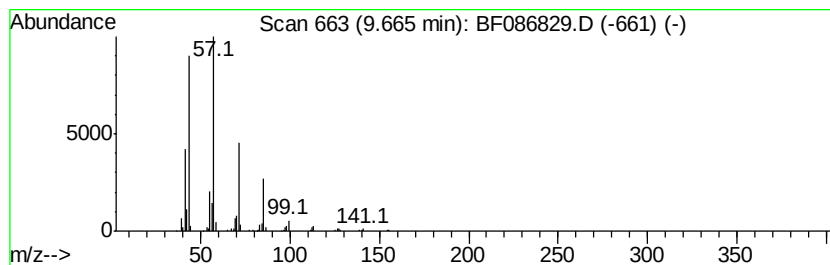
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.66	2.41 ng	265710	Acenaphthene-d10	9.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	90
3	Pentadecane		212	C15H32	000629-62-9	86
4	Eicosane		282	C20H42	000112-95-8	83
5	Tridecane		184	C13H28	000629-50-5	78



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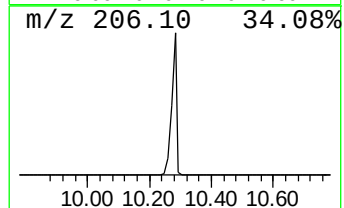
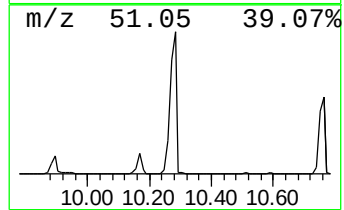
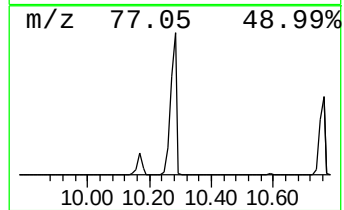
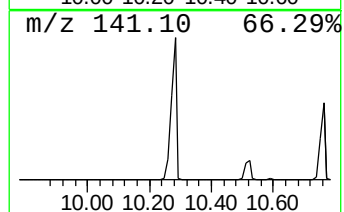
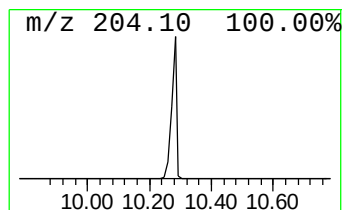
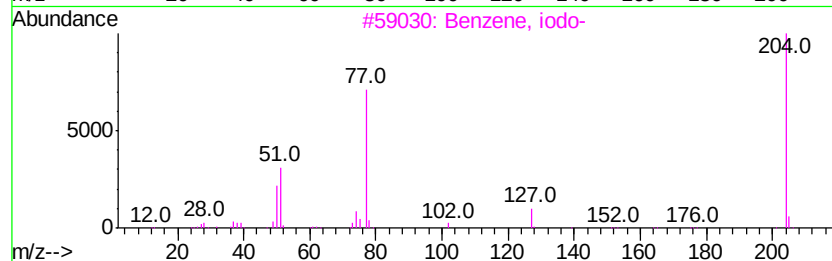
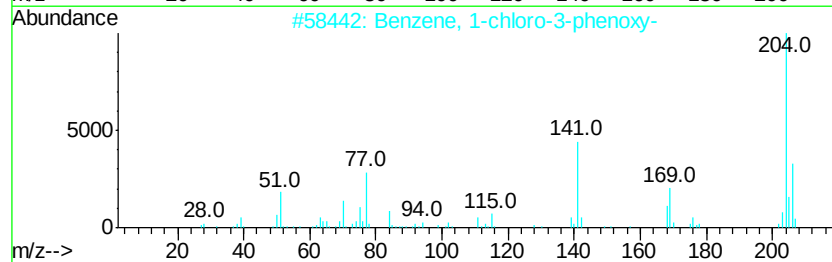
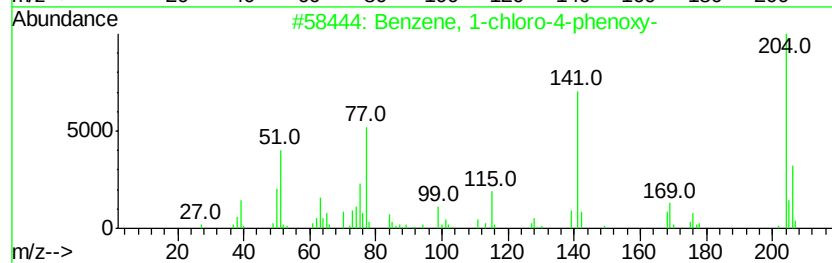
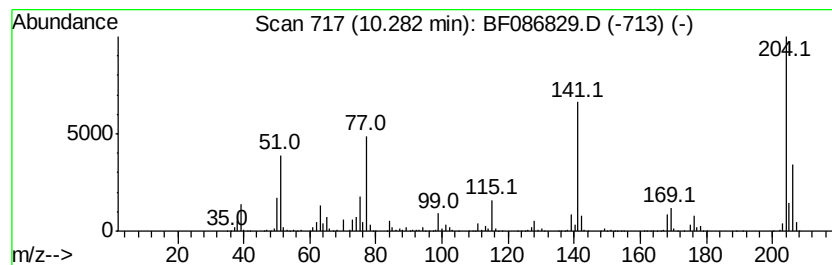
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-chloro-4-phenoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.28	80.86 ng	8925960	Acenaphthene-d10	9.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	99
2		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	52
3		Benzene, iodo-	204	C6H5I	000591-50-4	47
4		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	45
5		[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	45



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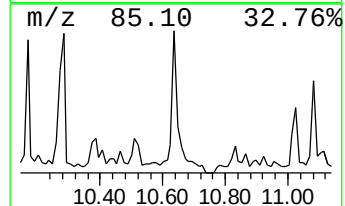
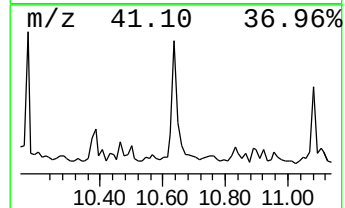
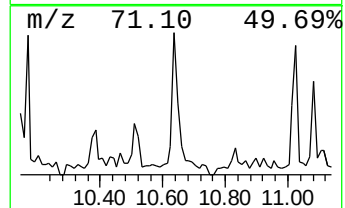
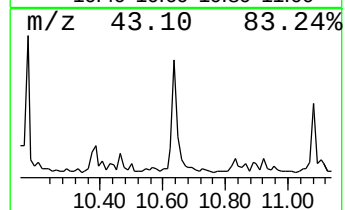
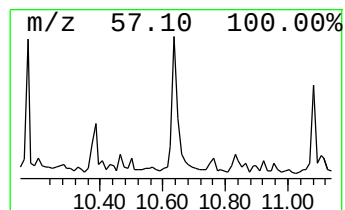
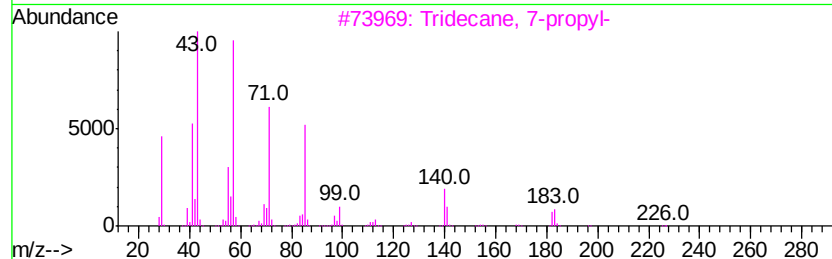
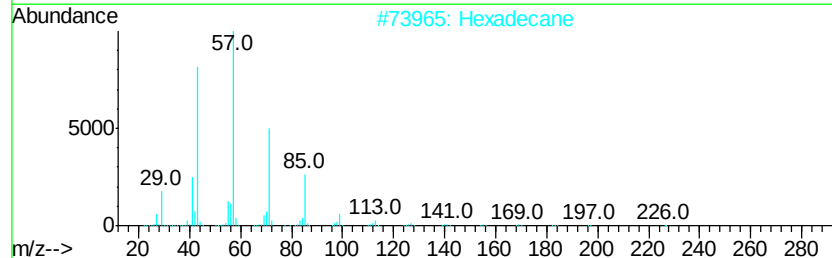
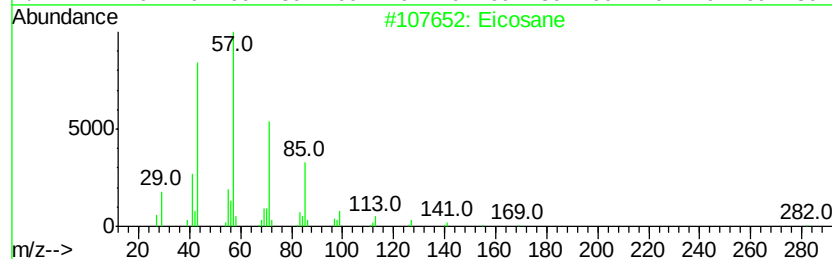
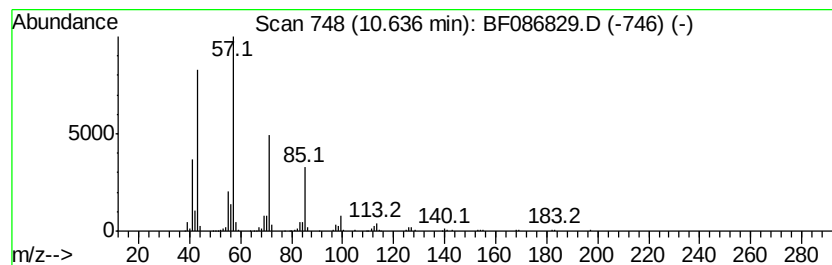
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	4.78 ng	407889	Phenanthrene-d10	11.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Hexadecane	226 C16H34	000544-76-3	91
3	Tridecane, 7-propyl-	226 C16H34	055045-09-5	90
4	Octadecane	254 C18H38	000593-45-3	86
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86



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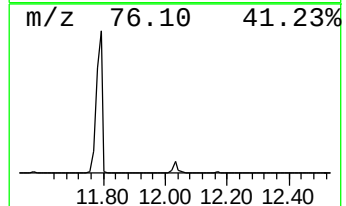
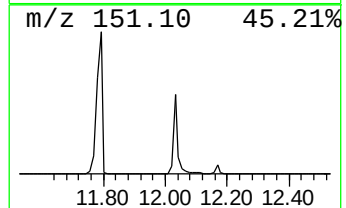
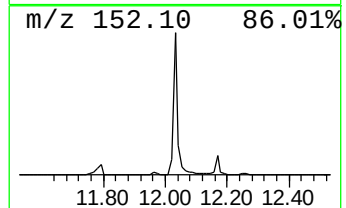
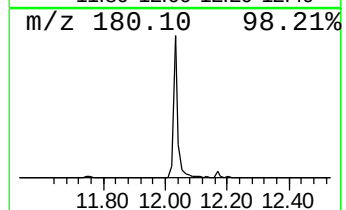
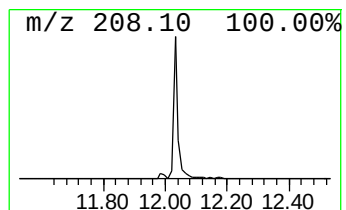
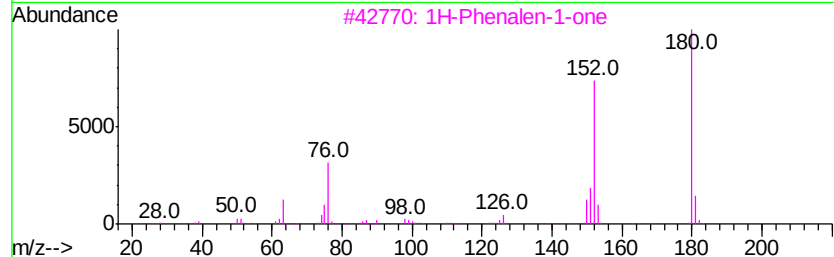
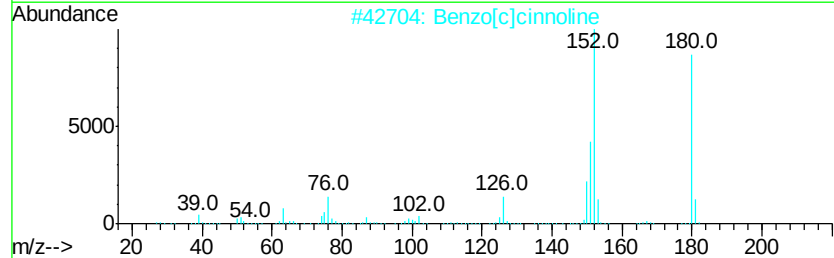
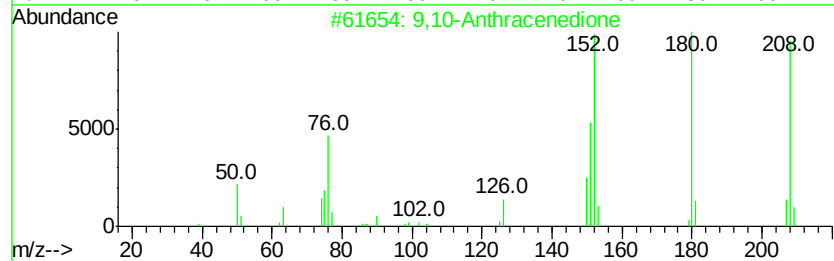
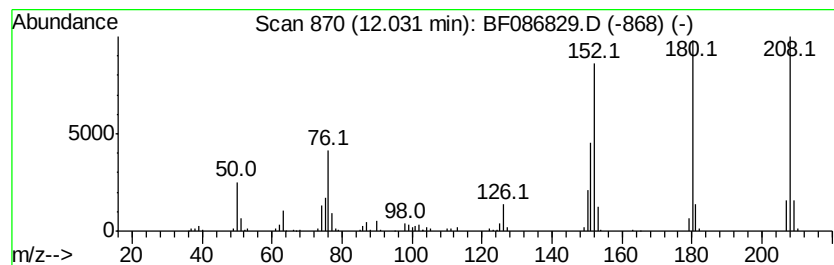
Instrument :
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.03	3.30 ng	281458	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



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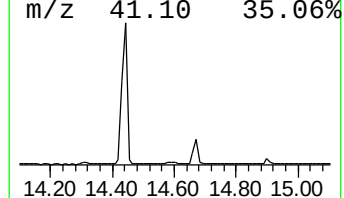
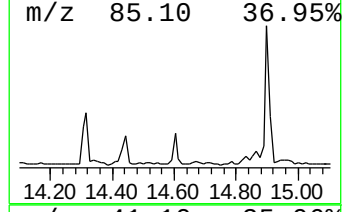
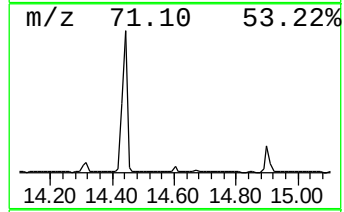
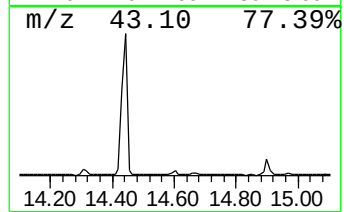
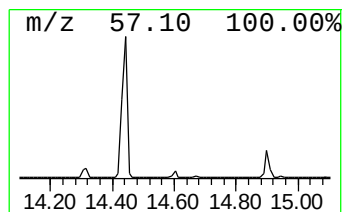
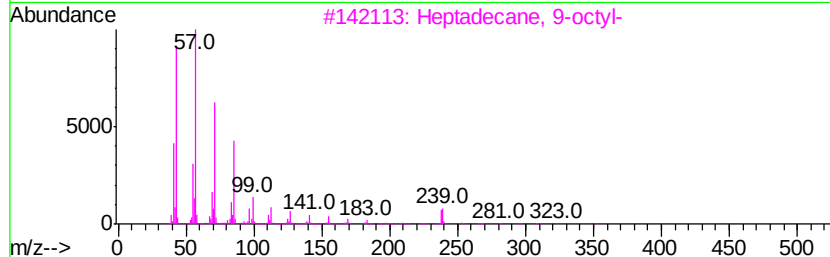
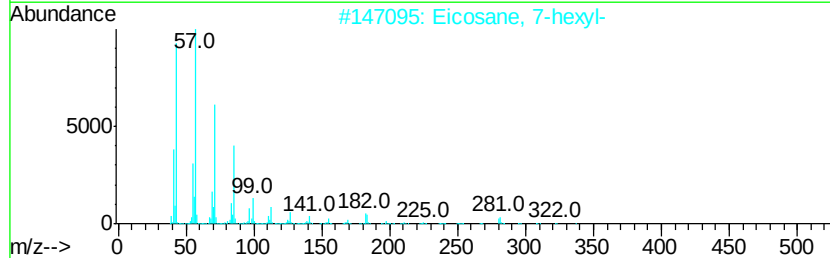
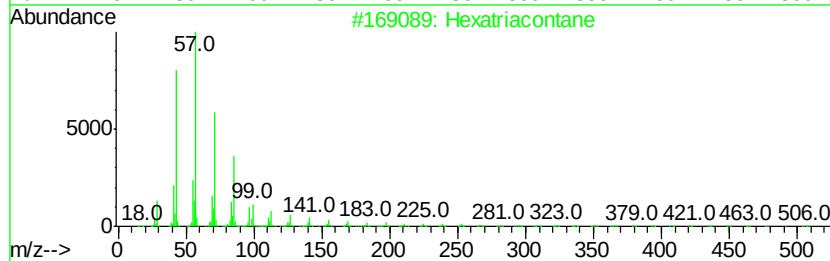
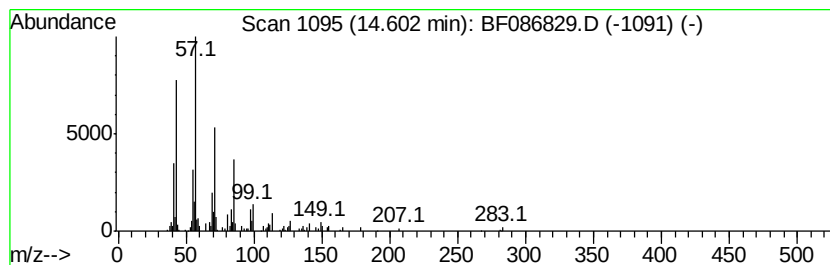
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.60	3.14 ng	190251	Perylene-d12		15.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086829.D
Acq On : 9 May 2016 18:18
Operator : UM/SJ
Sample : H2817-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

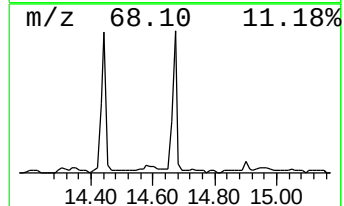
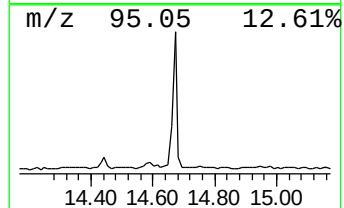
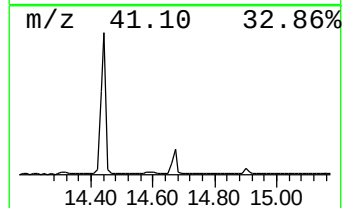
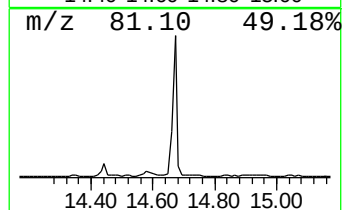
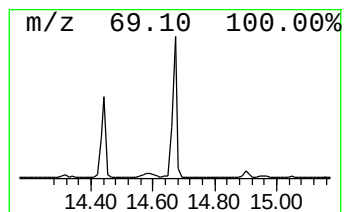
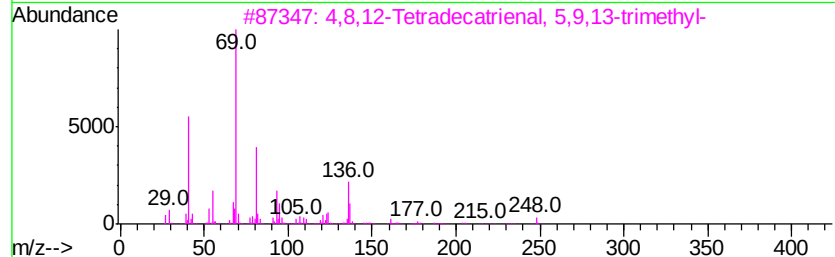
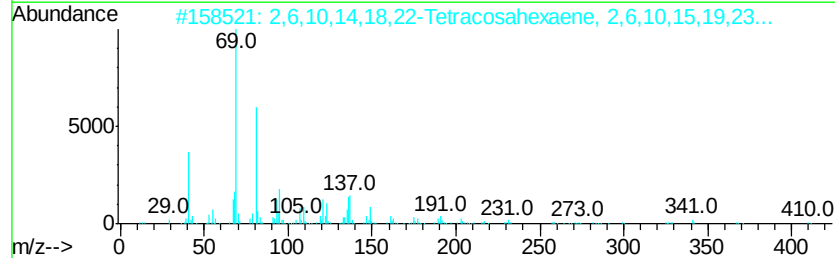
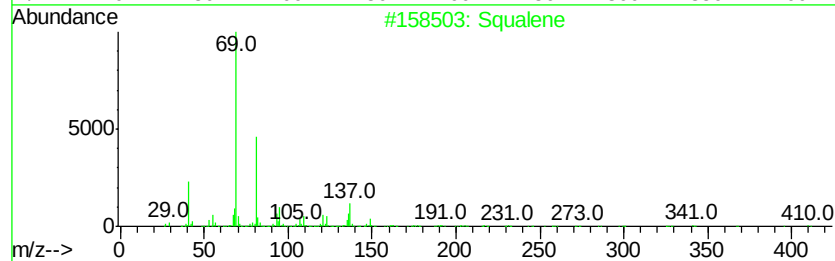
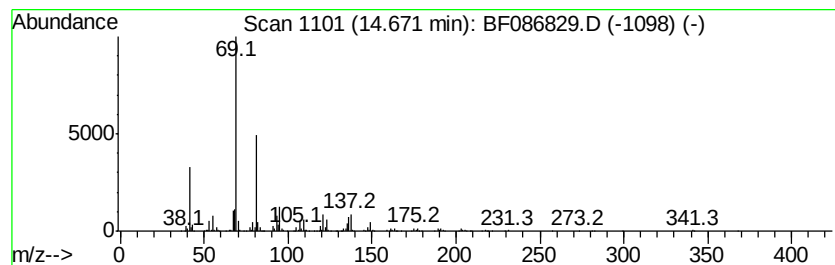
Instrument :
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ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	11.57 ng	700943	Perylene-d12	15.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
3	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	72
5	Farnesol isomer a	222 C15H26O	1000108-92-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086829.D
Acq On : 9 May 2016 18:18
Operator : UM/SJ
Sample : H2817-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

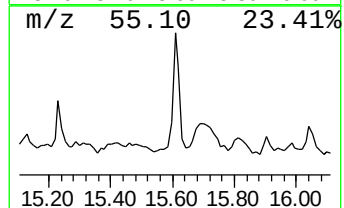
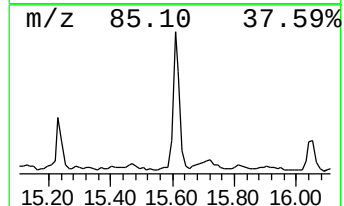
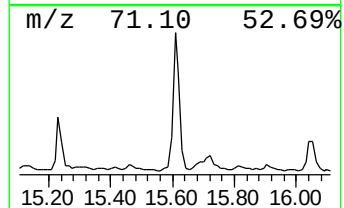
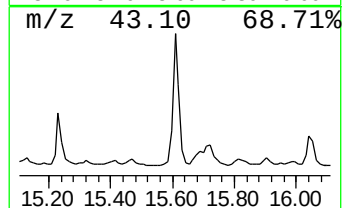
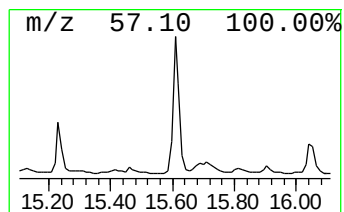
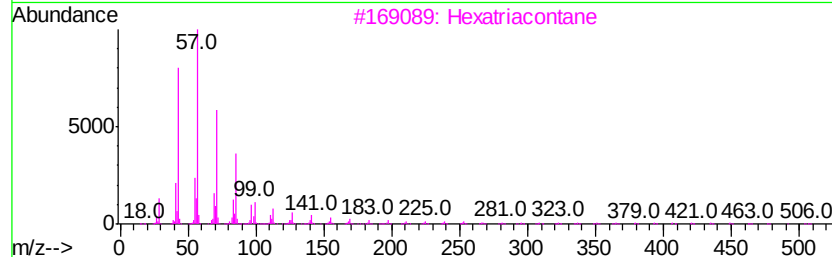
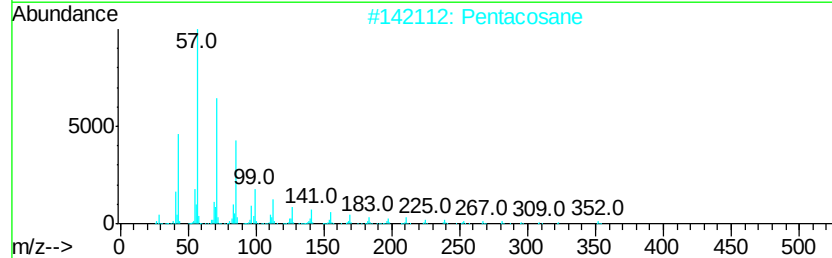
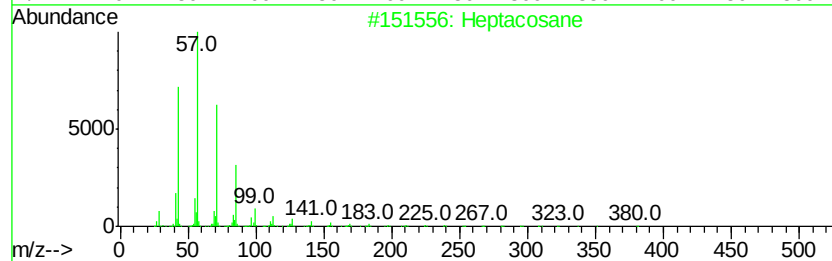
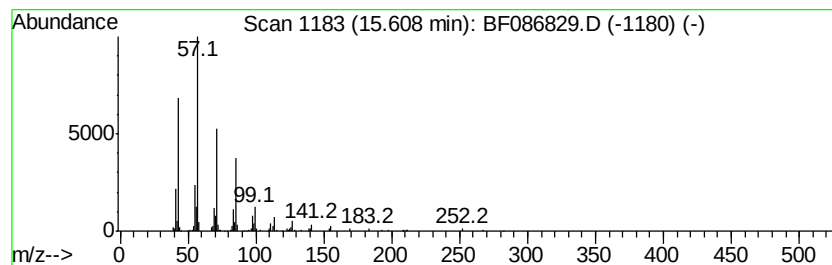
Instrument :
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ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.61	4.04 ng	244575	Perylene-d12		15.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086829.D
Acq On : 9 May 2016 18:18
Operator : UM/SJ
Sample : H2817-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecane	9.66	2.4	ng	265710	3	9.73	2207700	20.0
Benzene, 1-chloro...	10.28	80.9	ng	8925960	3	9.73	2207700	20.0
Eicosane	10.64	4.8	ng	407889	4	11.21	1707920	20.0
9,10-Anthracenedione	12.03	3.3	ng	281458	4	11.21	1707920	20.0
Hexatriacontane	14.60	3.1	ng	190251	6	15.21	1211940	20.0
Squalene	14.67	11.6	ng	700943	6	15.21	1211940	20.0
Heptacosane	15.61	4.0	ng	244575	6	15.21	1211940	20.0