LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

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:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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	3.315	121	125	130	rVB	12999	30178	2.59%	0.208%
2	4.756	249	251	258	rBV	423830	537701	46.07%	3.712%
3	5.258	293	295	303	rBV	245976	338557	29.01%	2.337%
4	6.321	385	388	395	rBV	423801	555636	47.61%	3.836%
5	6.424	395	397	399	rVB	307260	396701	33.99%	2.739%
6	6.641	414	416	418	rBV	1069586	950663	81.46%	6.563%
7	6.790	427	429	432	rBV	370125	442401	37.91%	3.054%
8	7.202	463	465	468	rBV	240505	307120	26.31%	2.120%
9	7.259	468	470	471	rVB	17840	16175	1.39%	0.112%
10	7.453	482	487	489	rVB4	9372	18655	1.60%	0.129%
11	7.933	526	529	531	rBV	975999	1167101	100.00%	8.057%
12	8.219	549	554	559	rBV5	8457	30397	2.60%	0.210%
13	8.367	564	567	571	rBV2	19782	31322	2.68%	0.216%
14	8.539	580	582	584	rBV	28503	35939	3.08%	0.248%
15	8.642	588	591	593	rVV2	22084	25691	2.20%	0.177%
16	8.733	598	599	603	rBV4	12453	21732	1.86%	0.150%
17	8.836	605	608	610	rBV3	7325	17124	1.47%	0.118%
18	8.962	618	619	621	rVB	20034	14013	1.20%	0.097%
19	9.007	621	623	625	rVB	569218	548045	46.96%	3.783%
20	9.099	627	631	633	rBV	53016	56992	4.88%	0.393%
21	9.270	642	646	648	rBV2	12792	23195	1.99%	0.160%
22	9.339	651	652	653	rVV	21123	17802	1.53%	0.123%
23	9.407	655	658	661	rVV	66736	75543	6.47%	0.522%
24	9.625	675	677	679	rBV	64690	52331	4.48%	0.361%
25	9.670	679	681	683	rVV	910733	1030951	88.33%	7.117%
26	9.705	683	684	689	rVB4	31946	33286	2.85%	0.230%
27	9.785	689	691	693	rVB	8365	14085	1.21%	0.097%
28	9.876	697	699	701	rVB2	20923	24160	2.07%	0.167%
29	9.945	704	705	707	rVB2	18339	16008	1.37%	0.111%
30	9.990	707	709	710	rBV2	8303	13070	1.12%	0.090%
31	10.082	715	717	719	rBV2	10387	18772	1.61%	0.130%
32	10.116	719	720	722	rVB	37739	48233	4.13%	0.333%
33	10.219	727	729	730	rVV	24543	19341	1.66%	0.134%
34	10.299	733	736	737	rBV3	9104	18768	1.61%	0.130%

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Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

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:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.345	737	740	741	rVB2	23101	34727	2.98%	0.240%
36	10.459	748	750	757	rVB4	98054	159849	13.70%	1.103%
37	10.608	760	763	766	rVV3	96289	155945	13.36%	1.077%
38	10.653	766	767	769	rVV	75926	99867	8.56%	0.689%
39	10.688	769	770	772	rVV2	101849	141550	12.13%	0.977%
40	10.722	772	773	777	rVV	99849	171000	14.65%	1.180%
41	10.790	777	779	781	rVV2	54726	111954	9.59%	0.773%
42	10.836	781	783	785	rVV	97180	123325	10.57%	0.851%
43	10.870	785	786	789	rVV	95575	144013	12.34%	0.994%
44	10.916	789	790	793	rVB	70217	55629	4.77%	0.384%
45	11.042	799	801	802	rBV	60817	67609	5.79%	0.467%
46	11.156	808	811	812	rBV	755830	915036	78.40%	6.317%
47	11.179	812	813	814	rVB	100492	68887	5.90%	0.476%
48	11.225	814	817	819	rVB	34040	39268	3.36%	0.271%
49	11.396	829	832	836	rBV3	22477	56026	4.80%	0.387%
50	11.465	836	838	841	rBV	69880	80503	6.90%	0.556%
51	11.568	845	847	849	rVB2	15453	16771	1.44%	0.116%
52	11.625	849	852	853	rBV3	12025	21859	1.87%	0.151%
53	11.659	853	855	856	rBV	20582	30001	2.57%	0.207%
54	11.762	862	864	869	rVB2	37959	69427	5.95%	0.479%
55	11.865	869	873	877	rBV3	50782	114939	9.85%	0.793%
56	11.979	877	883	885	rBV4	29239	88131	7.55%	0.608%
57	12.025	885	887	889	rBV3	11653	21969	1.88%	0.152%
58	12.082	889	892	894	rBV2	21860	42783	3.67%	0.295%
59	12.151	894	898	900	rVB4	23169	35713	3.06%	0.247%
60	12.208	900	903	906	rBV2	35019	105820	9.07%	0.731%
61	12.253	906	907	909	rVB	57451	56218	4.82%	0.388%
62	12.322	912	913	915	rBV2	14107	19423	1.66%	0.134%
63	12.356	915	916	918	rVB	113845	99360	8.51%	0.686%
64	12.402	918	920	923	rBV3	22957	42863	3.67%	0.296%
65	12.459	923	925	926	rBV	15938	26128	2.24%	0.180%
66	12.585	934	936	938	rBV	95301	115061	9.86%	0.794%
67	12.631	938	940	943	rVB2	62205	84889	7.27%	0.586%
68	12.733	947	949	952	rVV	500113	471355	40.39%	3.254%
69	12.916	963	965	967	rBV2	38620	46336	3.97%	0.320%
70	12.985	969	971	972	rVB	85734	84241	7.22%	0.582%
71	13.019	972	974	979	rBV5	35233	107772	9.23%	0.744%

LSC Area Percent Report

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Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

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:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.179	986	988	989	rBV	38642	44350	3.80%	0.306%
73	13.328	999	1001	1002	rBV	89833	81497	6.98%	0.563%
74	13.648	1028	1029	1032	rVB2	96039	139856	11.98%	0.965%
75	13.785	1038	1041	1042	rBV	785760	1031310	88.37%	7.120%
76	13.968	1055	1057	1061	rBV	140951	208069	17.83%	1.436%
77	14.277	1082	1084	1085	rBV	136029	158656	13.59%	1.095%
78	14.574	1107	1110	1113	rBV2	178798	367997	31.53%	2.540%
79	15.157	1158	1161	1163	rBV	487262	745530	63.88%	5.147%
80	15.568	1195	1197	1199	rBV	182805	326318	27.96%	2.253%
81	16.128	1244	1246	1252	rVB2	160120	308133	26.40%	2.127%

Sum of corrected areas: 14485651

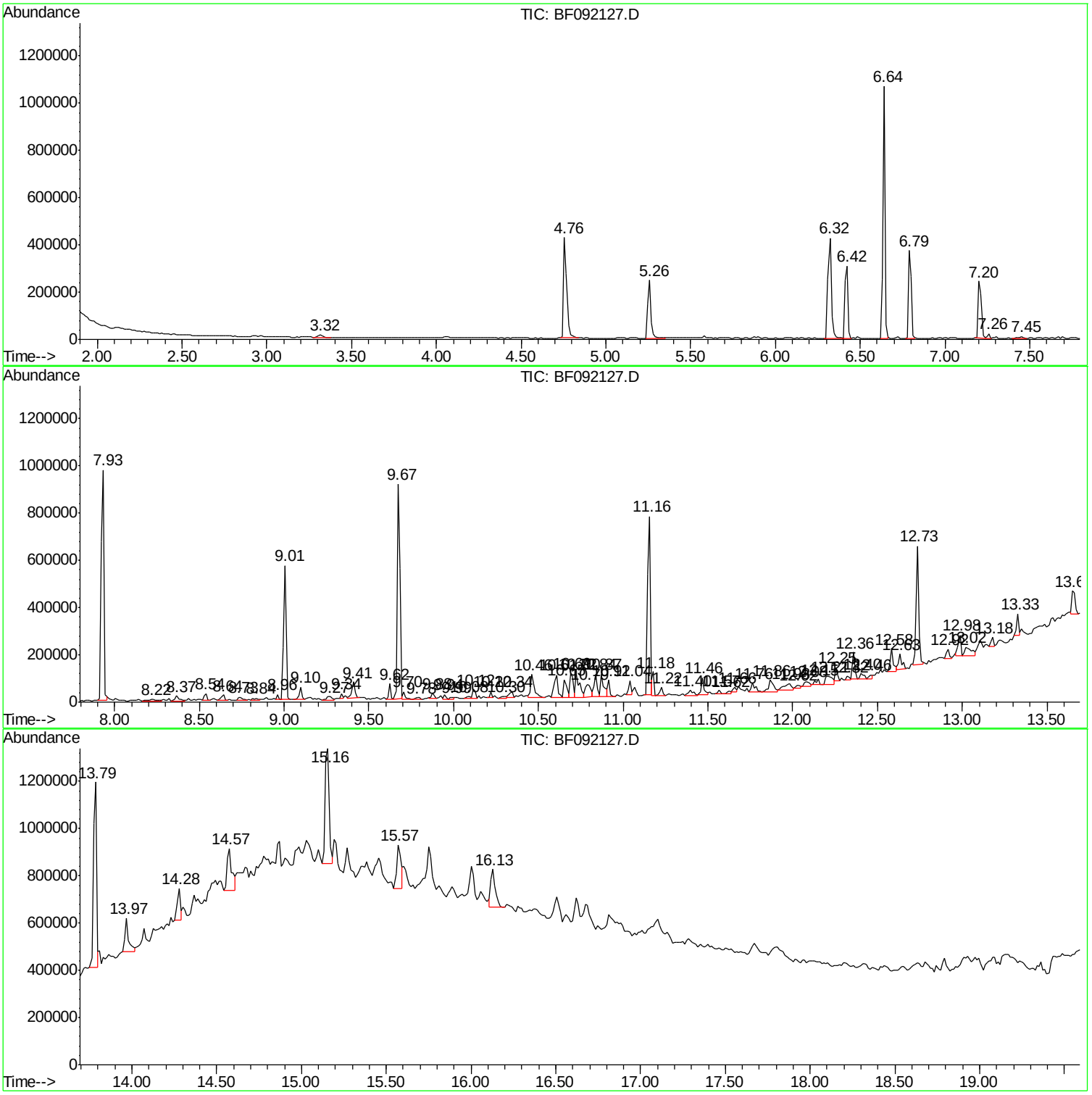
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

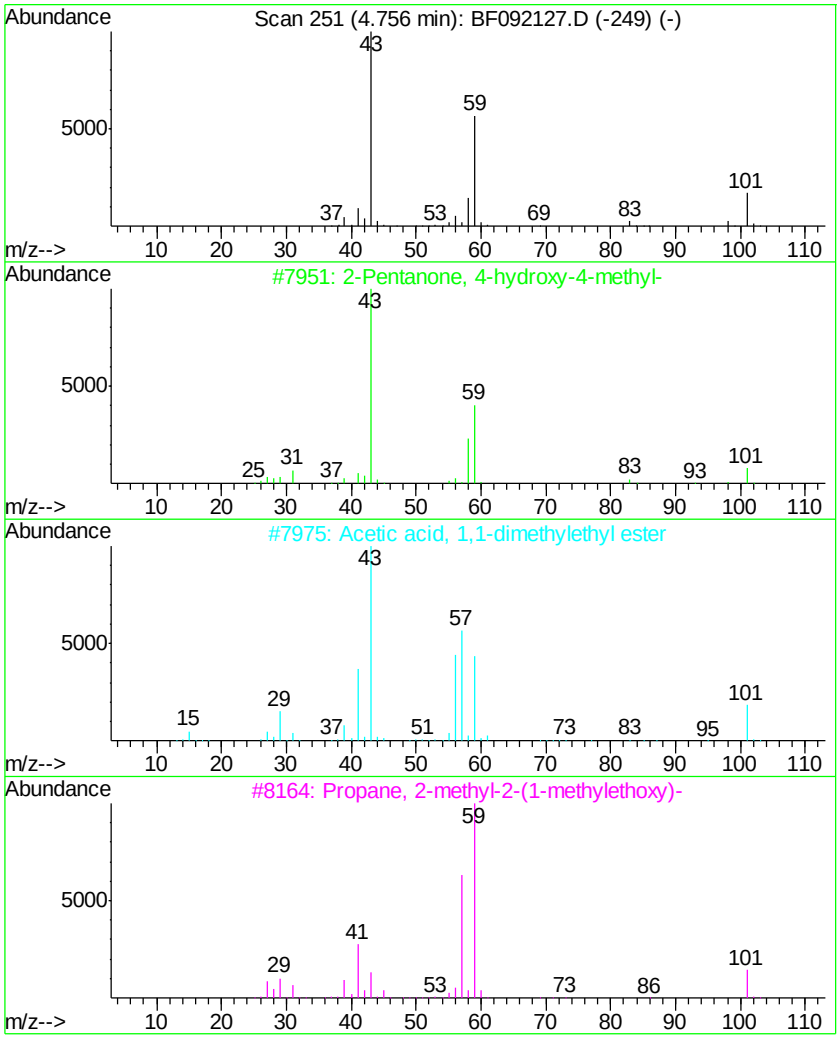
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

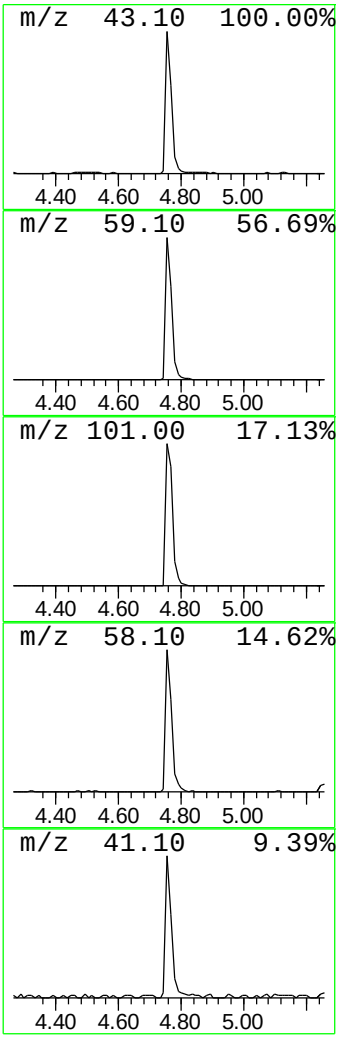
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	11.31 ng	537701	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

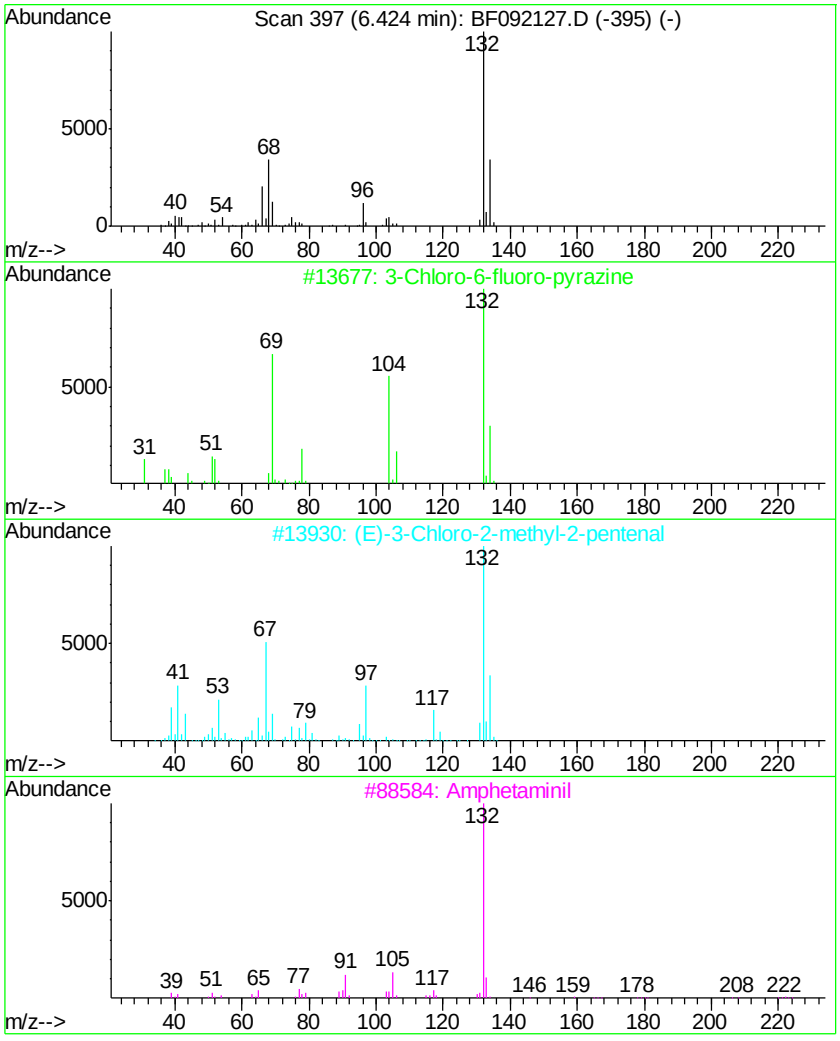
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

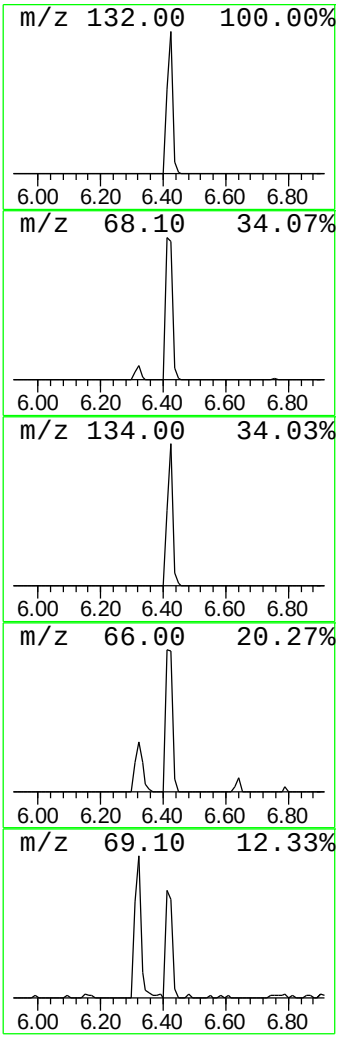
****

Peak Number 2 unknown6.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	8.35 ng	396701	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

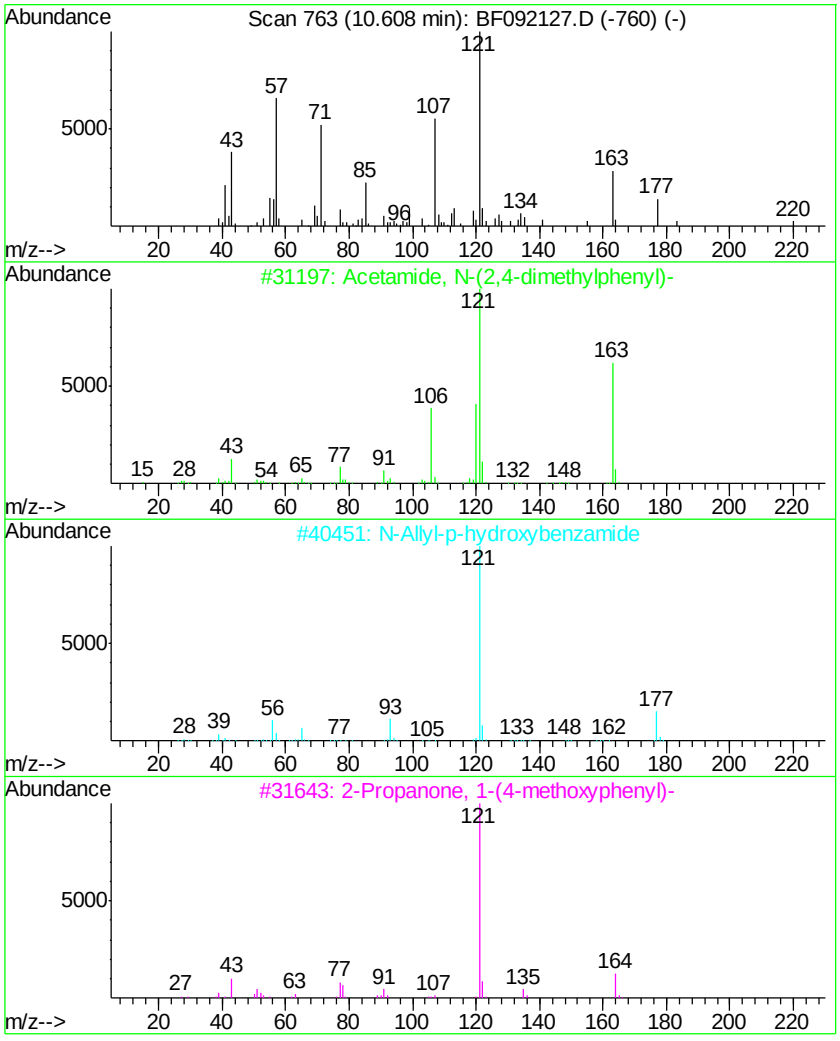
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

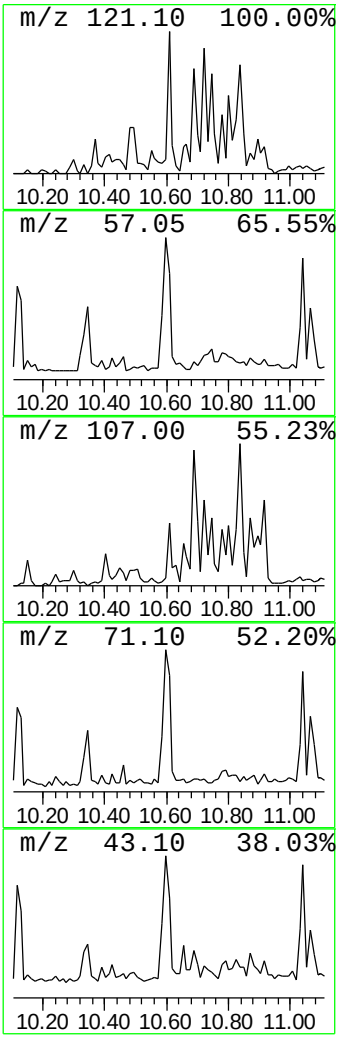
****

Peak Number 4 unknown10.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.41 ng	155945	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	38
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	27
3	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	22
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	18
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
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Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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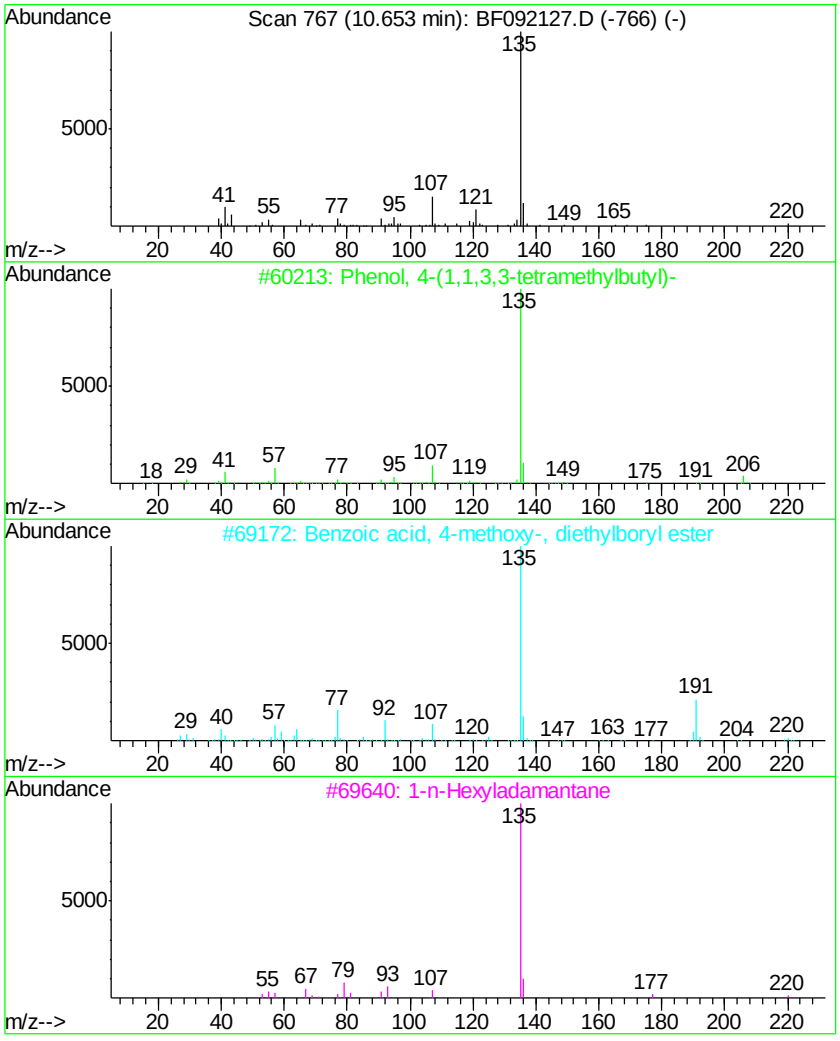
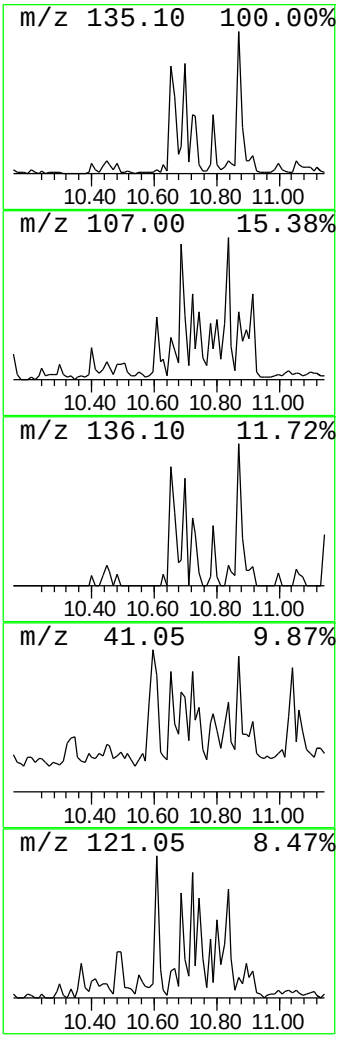
Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.18 ng	99867	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Benzoic acid, 4-methoxy-, diethy...	220	C12H17BO3	146681-61-0	64
3	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
4	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	64
5	Hexestrol	270	C18H22O2	005635-50-7	64





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Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

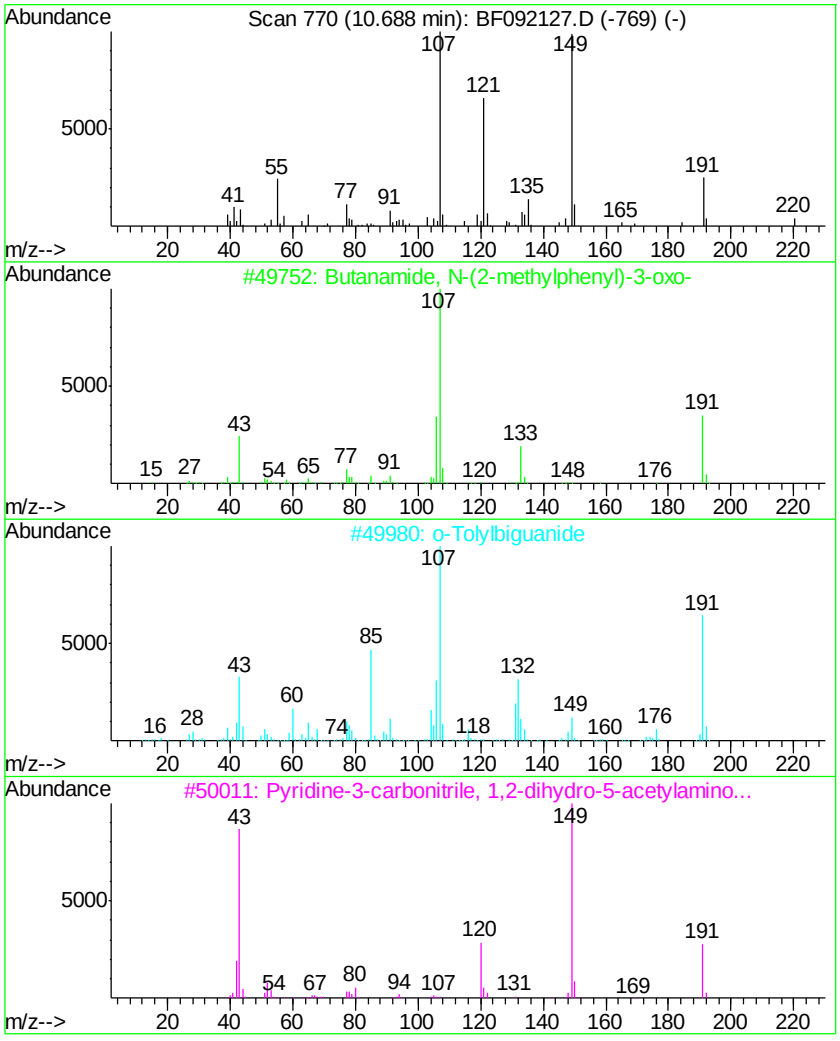
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

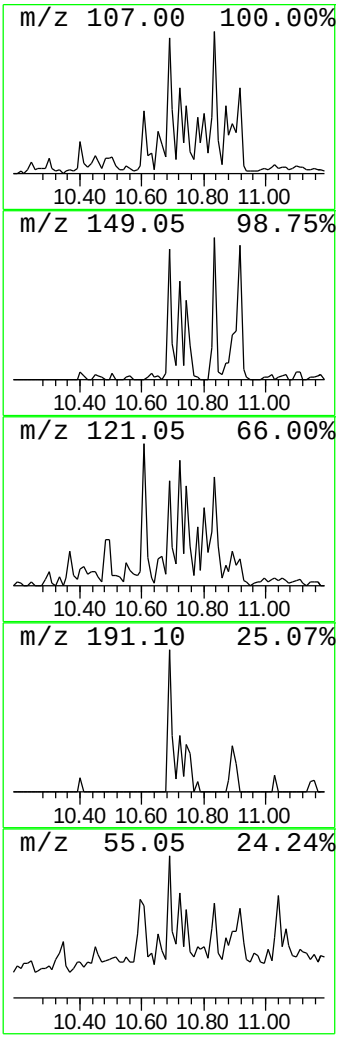
****

Peak Number 6 unknown10.69 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.09 ng	141550	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	35
2	o-Tolylbiguanide	191	C9H13N5	000093-69-6	32
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	32
4	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	27
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

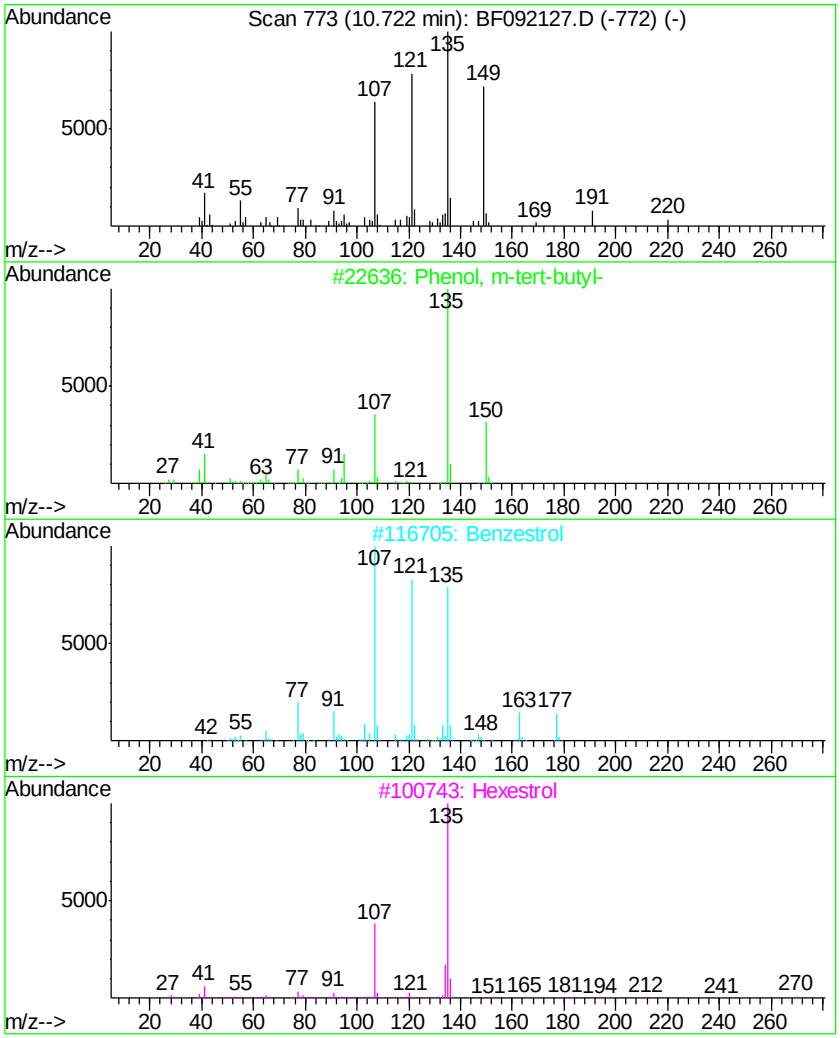
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

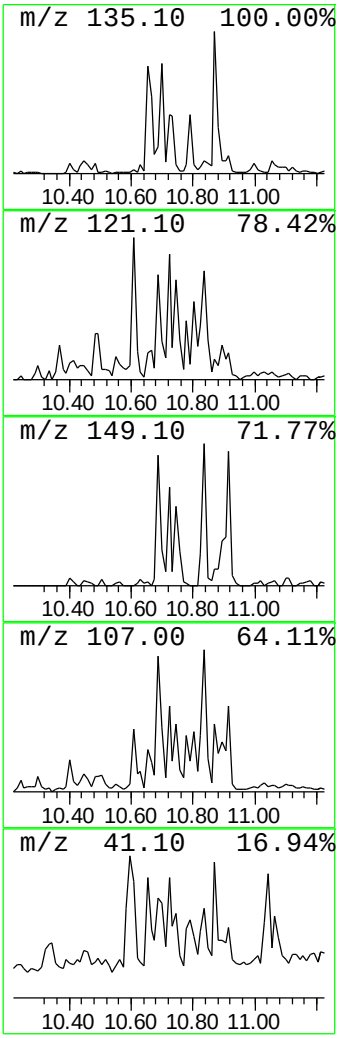
****

Peak Number 7 Phenol, m-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.74 ng	171000	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
2	Benzestrol	298	C20H26O2	000085-95-0	47
3	Hexestrol	270	C18H22O2	005635-50-7	35
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	35
5	N-Ethyl-4-pyridinemethylamine	136	C8H12N2	033403-97-3	30





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Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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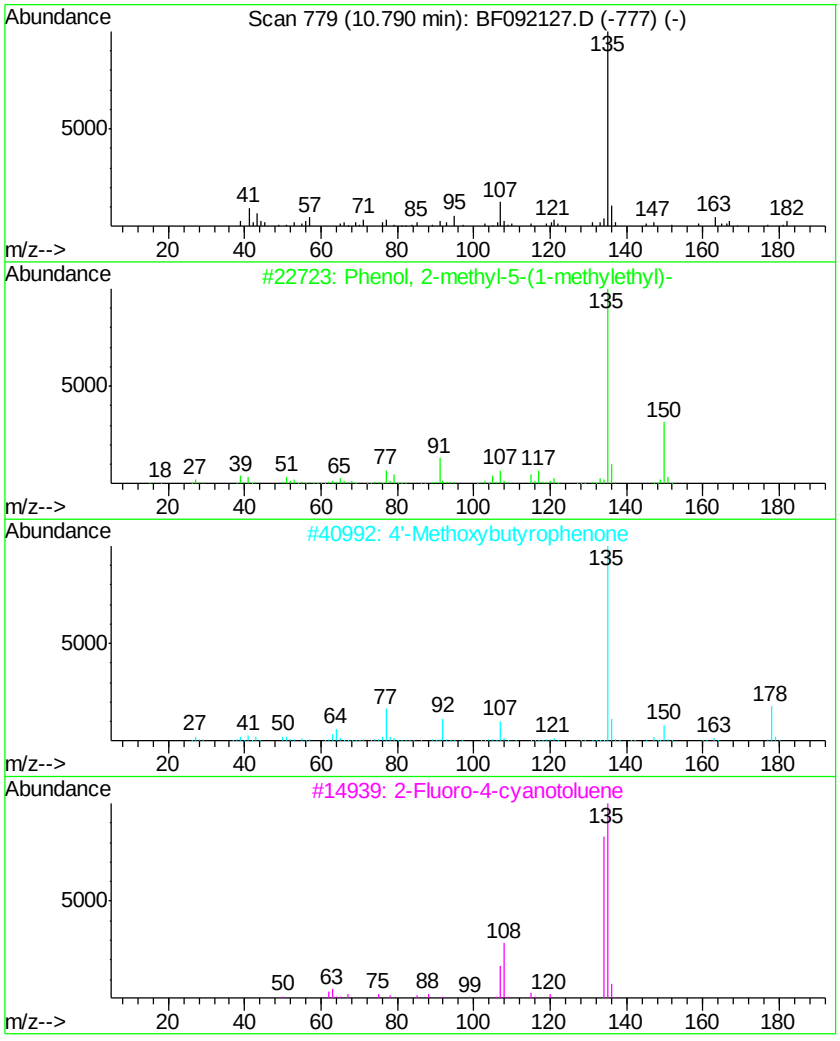
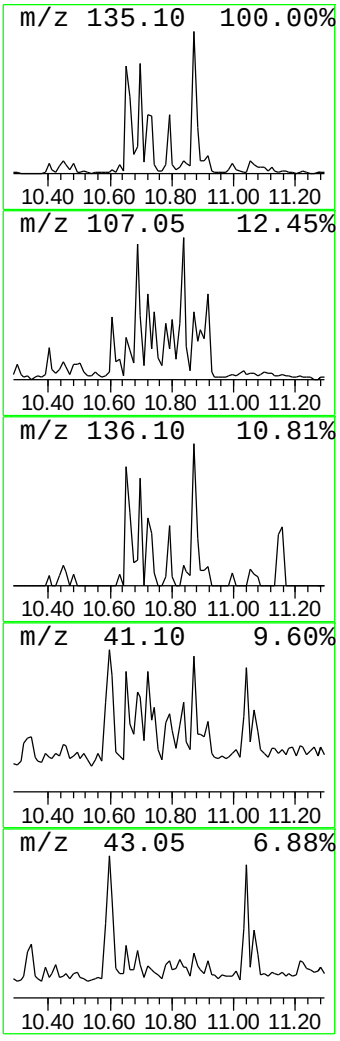
Peak Number 8 Phenol, 2-methyl-5-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.45 ng	111954	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
2	4'-Methoxybutyrophenone	178	C11H14O2	004160-51-4	64
3	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	64
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
5	Thymol	150	C10H14O	000089-83-8	64





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Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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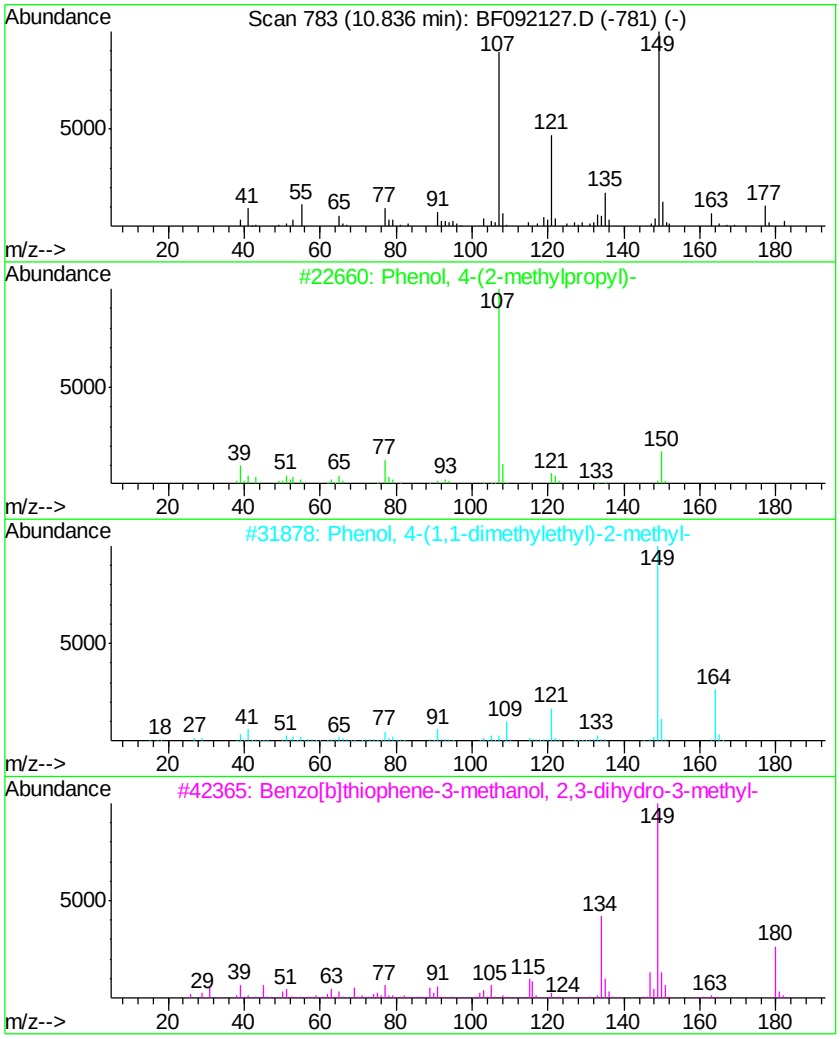
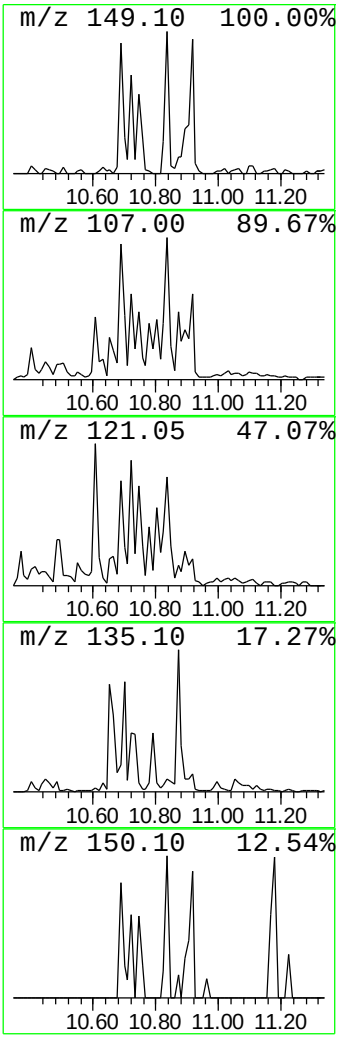
Peak Number 9 unknown10.84 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.70 ng	123325	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	46
2	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	32
3	Benzo[b]thiophene-3-methanol, 2,...	180	C10H12OS	039891-65-1	32
4	Phenol, 4-butyl-	150	C10H14O	001638-22-8	27
5	2-Oxazolidinone, 4-methyl-5-phen...	177	C10H11NO2	028044-22-6	27





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Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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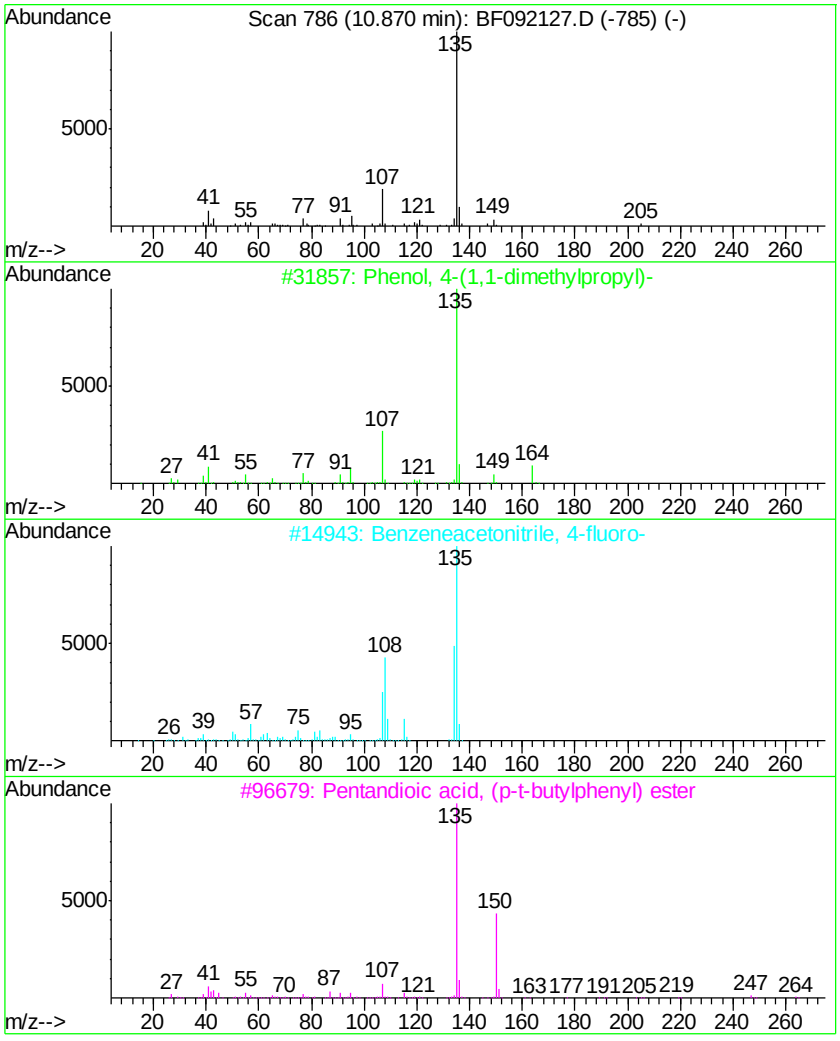
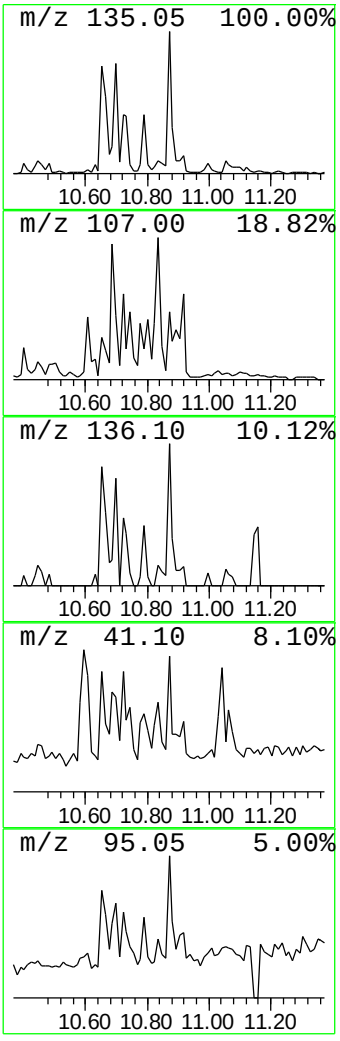
Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.15 ng	144013	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	64
3	Pentandioic acid, (p-t-butylphen...	264	C15H20O4	212762-88-4	64
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50





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Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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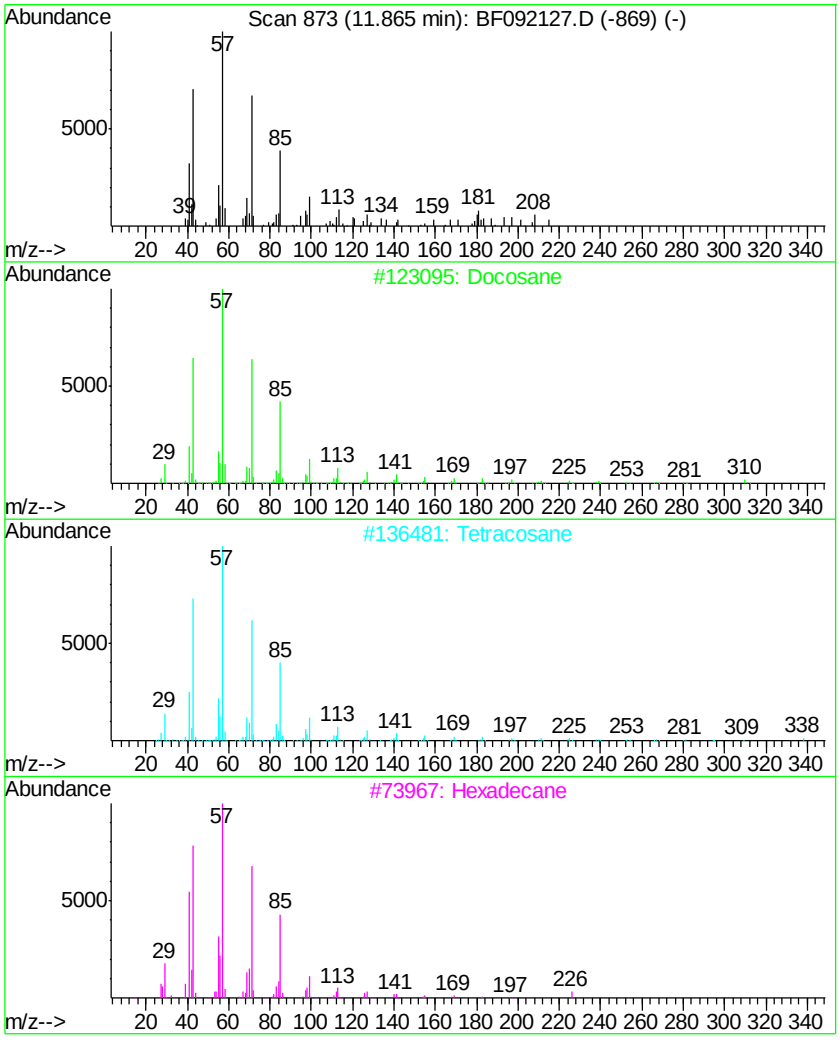
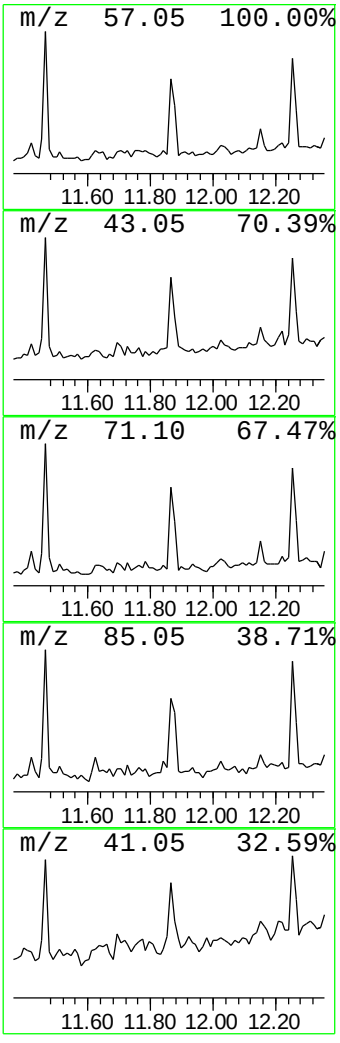
Peak Number 11 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.51 ng	114939	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	72
2	Tetracosane	338	C24H50	000646-31-1	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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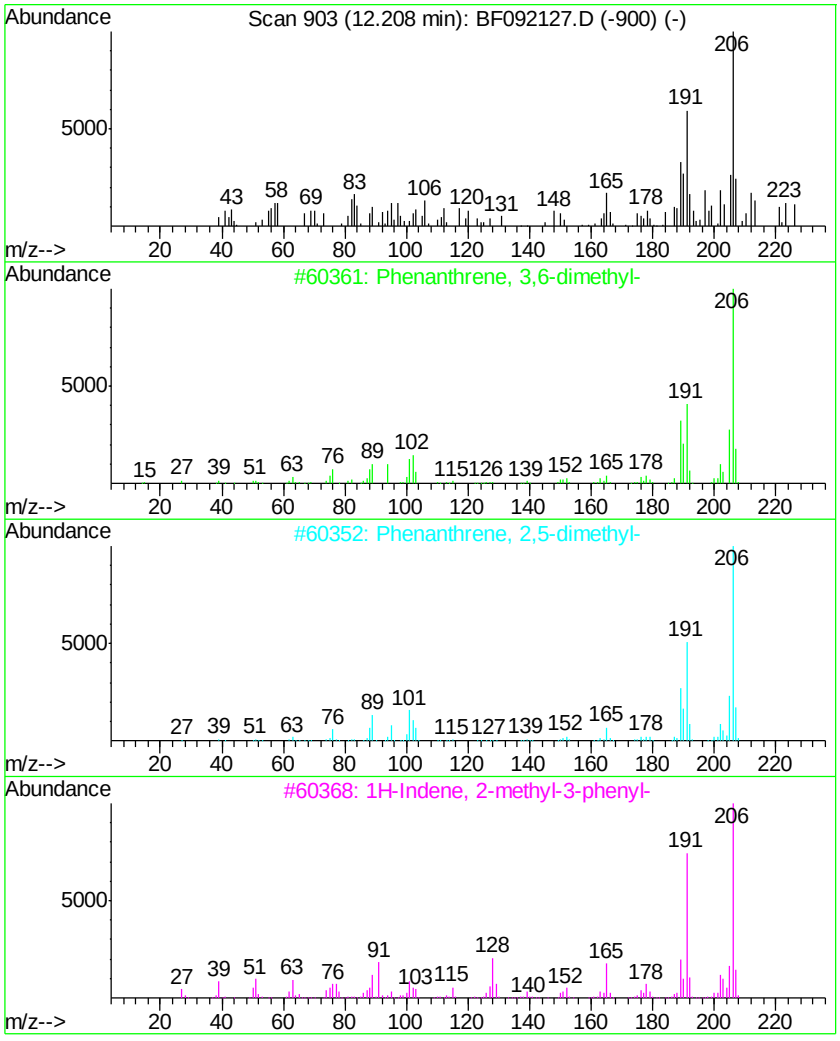
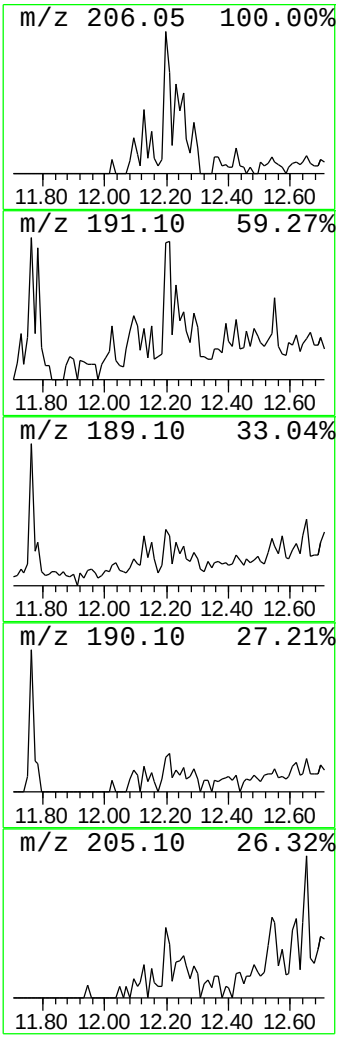
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.31 ng	105820	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	59





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Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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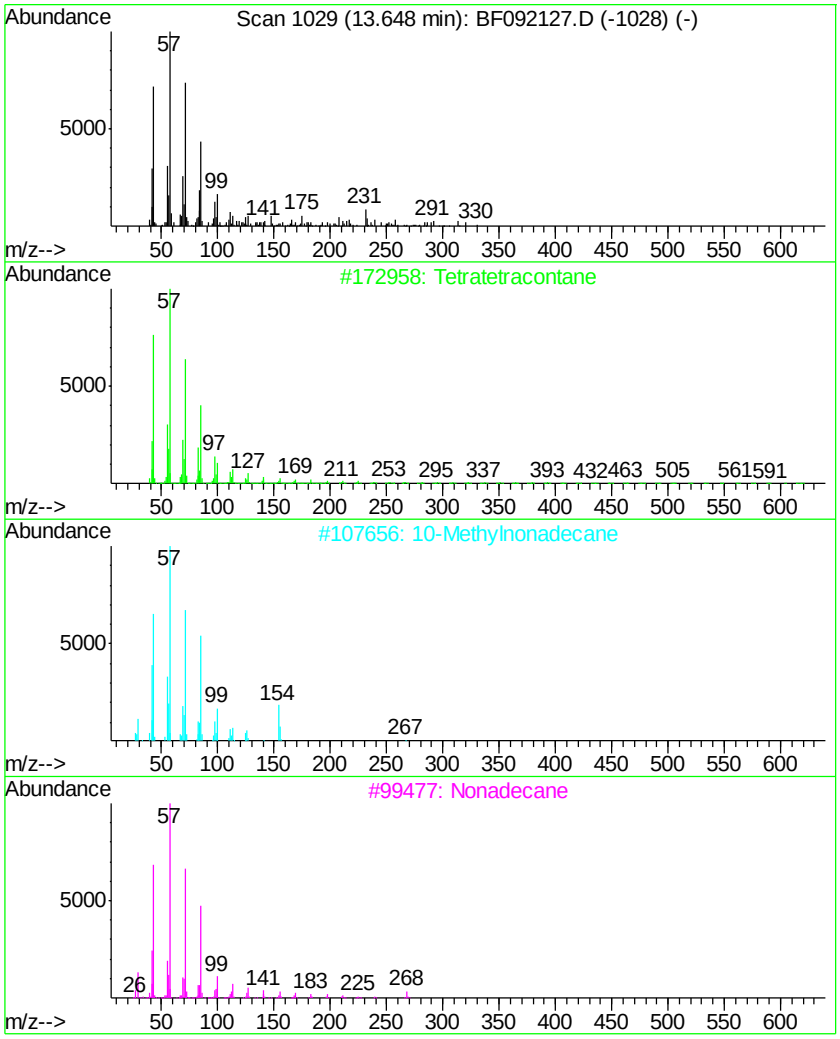
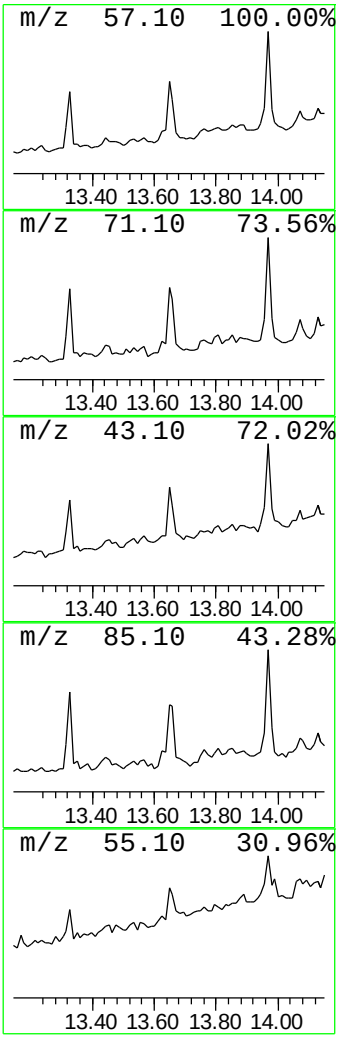
Peak Number 15 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.71 ng	139856	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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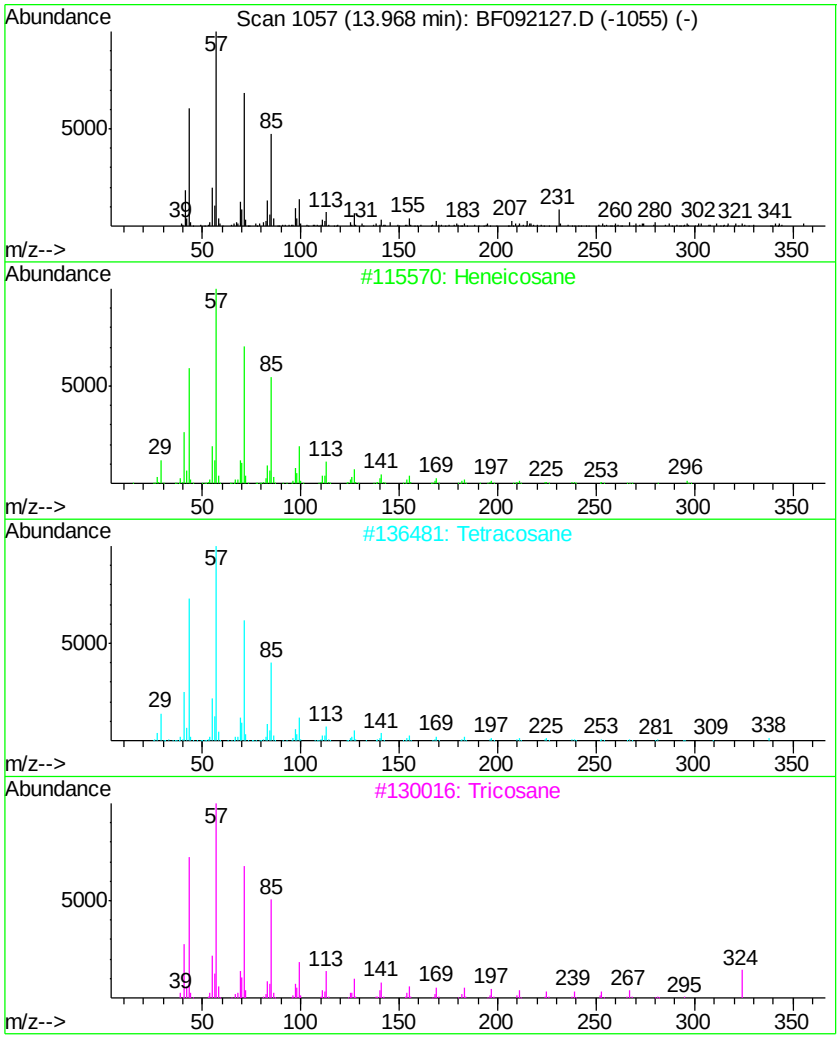
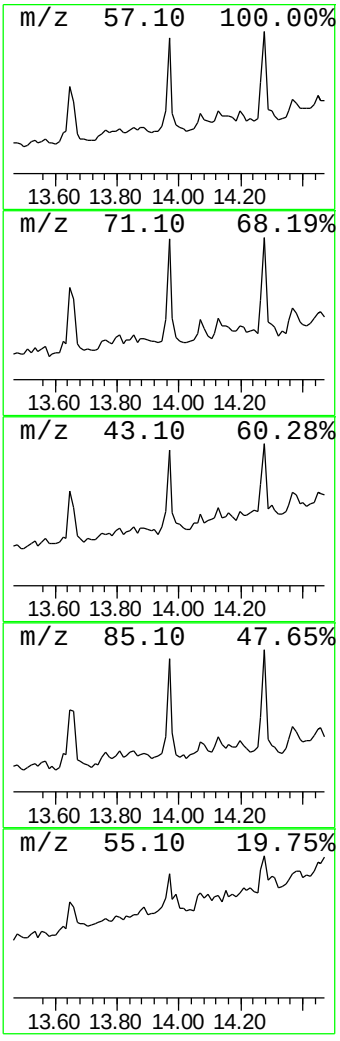
Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.04 ng	208069	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tricosane	324	C23H48	000638-67-5	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Nonacosane	408	C29H60	000630-03-5	86





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Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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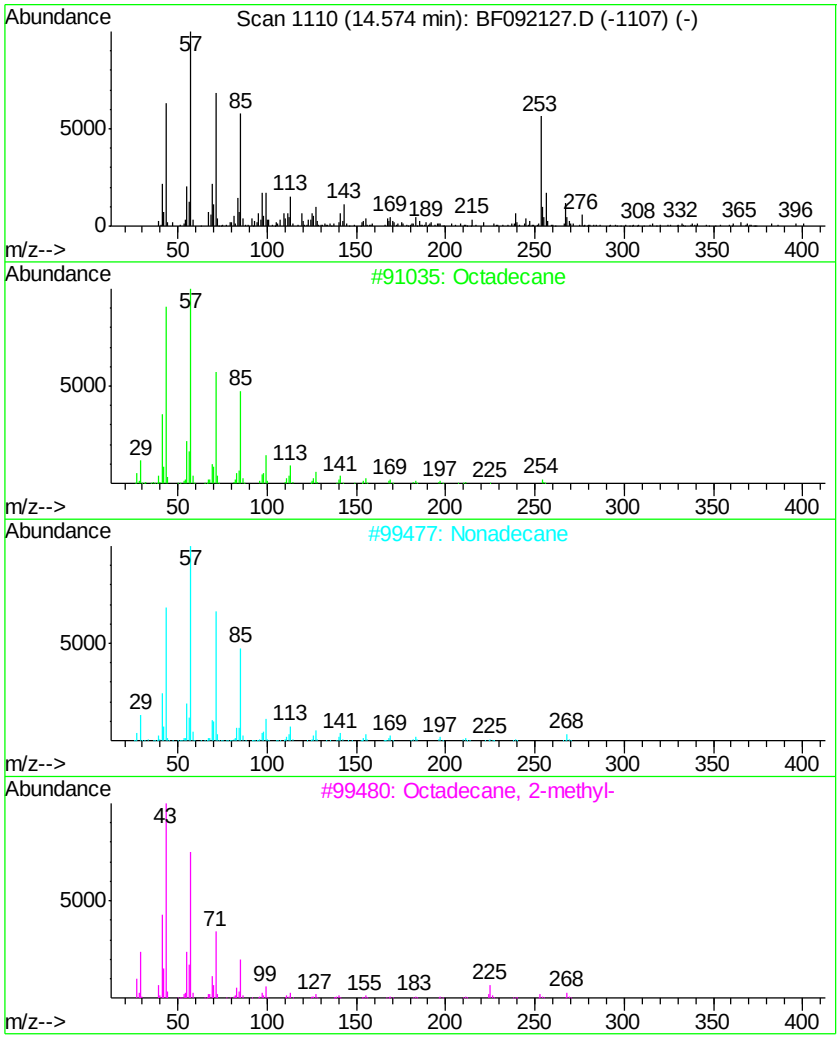
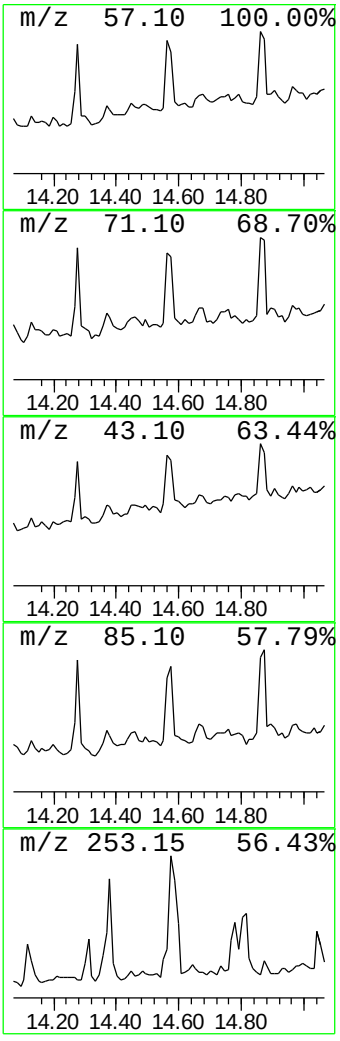
Peak Number 18 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	9.87 ng	367997	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Nonadecane	268	C19H40	000629-92-5	62
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	50
4	Hexacosane	366	C26H54	000630-01-3	46
5	Hexadecane	226	C16H34	000544-76-3	46





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Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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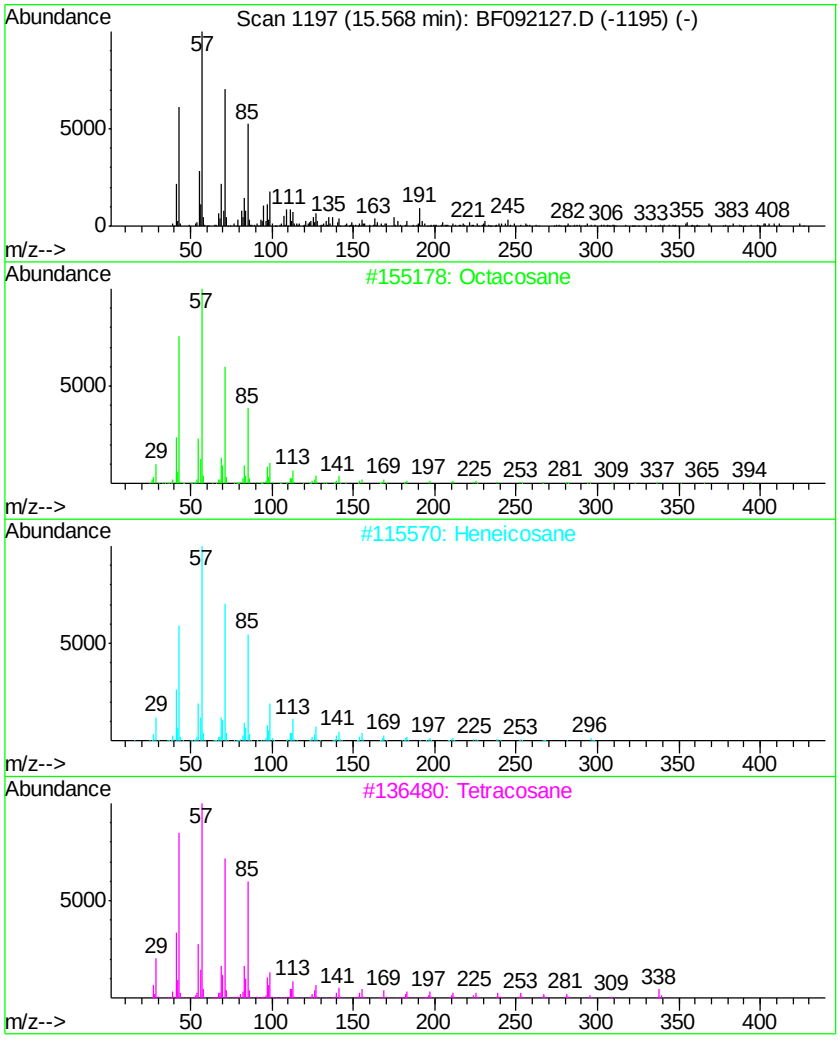
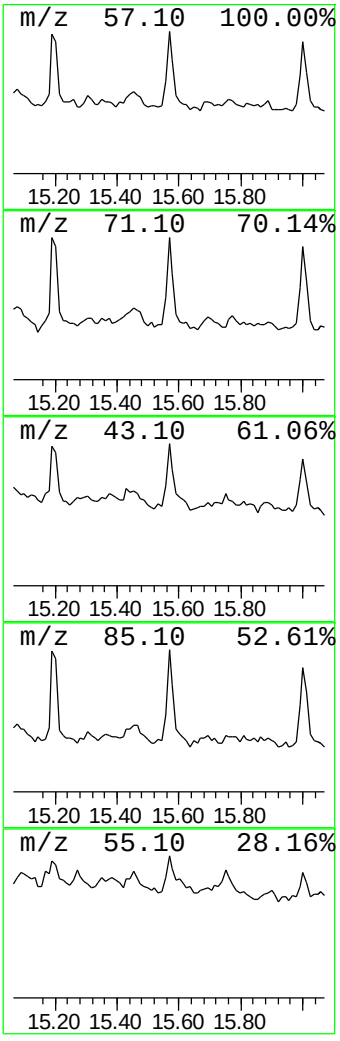
Peak Number 19 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	8.75 ng	326318	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	70
2	Heneicosane	296	C21H44	000629-94-7	62
3	Tetracosane	338	C24H50	000646-31-1	62
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	62
5	Eicosane	282	C20H42	000112-95-8	62





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Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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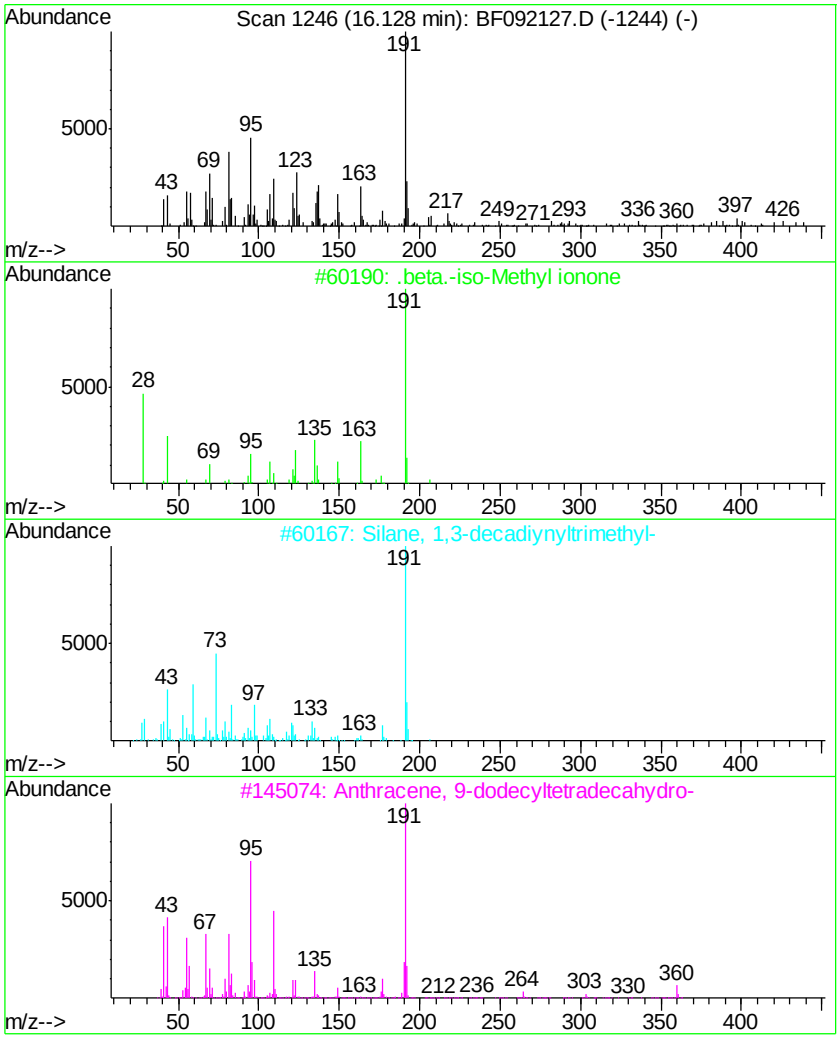
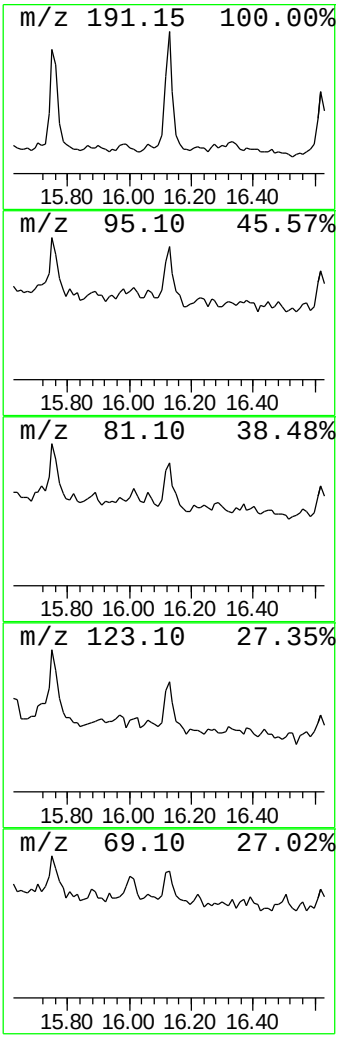
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	8.27 ng	308133	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
2	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	41
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	32





Tentatively Identified Compound (LSC) summary

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Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	11.3	ng	537701	1	6.64	950663	20.0
unknown6.42	6.42	8.3	ng	396701	1	6.64	950663	20.0
unknown10.61	10.61	3.4	ng	155945	4	11.16	915036	20.0
Phenol, 4-(1,1,3,...	10.65	2.2	ng	99867	4	11.16	915036	20.0
unknown10.69	10.69	3.1	ng	141550	4	11.16	915036	20.0
Phenol, m-tert-bu...	10.72	3.7	ng	171000	4	11.16	915036	20.0
Phenol, 2-methyl-...	10.79	2.5	ng	111954	4	11.16	915036	20.0
unknown10.84	10.84	2.7	ng	123325	4	11.16	915036	20.0
Phenol, 4-(1,1-di...	10.87	3.1	ng	144013	4	11.16	915036	20.0
Docosane	11.86	2.5	ng	114939	4	11.16	915036	20.0
Phenanthrene, 3,6...	12.21	2.3	ng	105820	4	11.16	915036	20.0
Tetratetracontane	13.65	2.7	ng	139856	5	13.79	1031310	20.0
Heneicosane	13.97	4.0	ng	208069	5	13.79	1031310	20.0
Octadecane	14.57	9.9	ng	367997	6	15.16	745530	20.0
Octacosane	15.57	8.8	ng	326318	6	15.16	745530	20.0
.beta.-iso-Methyl...	16.13	8.3	ng	308133	6	15.16	745530	20.0