LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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	4.013	184	186	190	rBV	68266	106851	2.52%	0.224%
2	4.413	219	221	233	rVB	16724	43156	1.02%	0.091%
3	4.756	247	251	261	rBV	1525139	2103423	49.53%	4.417%
4	5.236	290	293	299	rBV	2829221	3663184	86.25%	7.692%
5	5.419	305	309	315	rBV2	73090	117080	2.76%	0.246%
6	5.887	346	350	351	rBV2	39275	64079	1.51%	0.135%
7	6.299	384	386	389	rBV	3199973	4247164	100.00%	8.919%
8	6.402	393	395	398	rVB	2804872	3955109	93.12%	8.305%
9	6.470	398	401	403	rBV2	75503	116515	2.74%	0.245%
10	6.630	413	415	418	rBV	1410225	1225321	28.85%	2.573%
11	6.710	419	422	425	rBV	49252	86382	2.03%	0.181%
12	6.790	426	429	431	rBV	3578760	3374827	79.46%	7.087%
13	6.893	436	438	442	rVB3	63491	111554	2.63%	0.234%
14	7.030	448	450	454	rBV4	33403	72043	1.70%	0.151%
15	7.202	462	465	467	rBV	2694819	2478291	58.35%	5.204%
16	7.247	468	469	470	rVV	68609	48481	1.14%	0.102%
17	7.293	470	473	475	rVB4	37714	62631	1.47%	0.132%
18	7.442	481	486	488	rBV3	53110	127116	2.99%	0.267%
19	7.499	488	491	494	rBV	268402	282729	6.66%	0.594%
20	7.659	503	505	507	rBV3	41121	69502	1.64%	0.146%
21	7.727	510	511	516	rVB3	31271	64079	1.51%	0.135%
22	7.830	516	520	522	rBV5	18833	56622	1.33%	0.119%
23	7.922	525	528	529	rVV	1646829	1448840	34.11%	3.042%
24	7.945	529	530	534	rVV2	101551	169774	4.00%	0.357%
25	8.002	534	535	541	rVB	52599	73658	1.73%	0.155%
26	8.093	541	543	545	rBV3	26291	44610	1.05%	0.094%
27	8.139	545	547	550	rVB	98099	105638	2.49%	0.222%
28	8.196	550	552	556	rBV	122882	163924	3.86%	0.344%
29	8.356	564	566	570	rBV2	77782	120677	2.84%	0.253%
30	8.528	579	581	583	rBV	124494	126197	2.97%	0.265%
31	8.630	587	590	592	rVB	150707	167326	3.94%	0.351%
32	8.733	597	599	601	rVB2	97741	113656	2.68%	0.239%
33	8.813	604	606	609	rBV3	34096	93158	2.19%	0.196%
34	8.950	617	618	620	rVB2	42523	57535	1.35%	0.121%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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	8.996	620	622	625	rVB	2909951	3303246	77.78%	6.936%
36	9.088	628	630	632	rVB2	132351	163293	3.84%	0.343%
37	9.145	632	635	638	rBV4	39379	101221	2.38%	0.213%
38	9.190	638	639	642	rVB2	32032	43689	1.03%	0.092%
39	9.259	642	645	647	rBV	81646	128891	3.03%	0.271%
40	9.328	650	651	653	rBV2	79600	120058	2.83%	0.252%
41	9.396	656	657	659	rVV2	266646	276461	6.51%	0.581%
42	9.533	667	669	672	rBV	57929	72403	1.70%	0.152%
43	9.613	675	676	678	rBV	129231	157707	3.71%	0.331%
44	9.671	678	681	682	rVV	1492716	1317111	31.01%	2.766%
45	9.705	682	684	686	rVV	251972	271942	6.40%	0.571%
46	9.785	688	691	693	rVB2	37602	66342	1.56%	0.139%
47	9.876	696	699	700	rVV	174731	173964	4.10%	0.365%
48	9.945	703	705	706	rVB	52883	58537	1.38%	0.123%
49	9.991	706	709	712	rBV3	44712	103030	2.43%	0.216%
50	10.071	714	716	718	rBV3	35915	63044	1.48%	0.132%
51	10.116	718	720	722	rVV	225383	184273	4.34%	0.387%
52	10.219	726	729	732	rVB	127961	207562	4.89%	0.436%
53	10.333	735	739	741	rBV2	121555	239711	5.64%	0.503%
54	10.379	741	743	745	rVB2	40203	69276	1.63%	0.145%
55	10.413	745	746	748	rBV	26239	47665	1.12%	0.100%
56	10.459	748	750	752	rBV	968019	953416	22.45%	2.002%
57	10.585	759	761	765	rBV	242907	370679	8.73%	0.778%
58	10.653	765	767	768	rBV	47690	45543	1.07%	0.096%
59	10.791	777	779	780	rVB2	48680	54074	1.27%	0.114%
60	11.008	796	798	799	rBV	33699	52246	1.23%	0.110%
61	11.031	799	800	802	rBV2	148783	204897	4.82%	0.430%
62	11.145	808	810	811	rBV	1102432	1018646	23.98%	2.139%
63	11.225	814	817	818	rVV	182519	198005	4.66%	0.416%
64	11.271	818	821	823	rVV2	31471	61687	1.45%	0.130%
65	11.385	829	831	832	rBV	117207	111269	2.62%	0.234%
66	11.465	835	838	840	rBV3	93720	182019	4.29%	0.382%
67	11.556	844	846	849	rBV3	41331	58805	1.38%	0.123%
68	11.648	852	854	855	rBV	112538	128436	3.02%	0.270%
69	11.762	862	864	869	rVB2	167999	279873	6.59%	0.588%
70	11.865	872	873	876	rVB2	125829	132006	3.11%	0.277%
71	11.945	878	880	881	rBV	56632	59310	1.40%	0.125%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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	12.196	900	902	906	rBV2	103633	246120	5.79%	0.517%
73	12.254	906	907	909	rVB	121744	111440	2.62%	0.234%
74	12.357	914	916	918	rVV	959943	859756	20.24%	1.805%
75	12.402	918	920	923	rVV4	88712	161529	3.80%	0.339%
76	12.585	933	936	938	rBV	639788	875985	20.63%	1.839%
77	12.631	938	940	943	rVB2	150684	243800	5.74%	0.512%
78	12.734	947	949	952	rVV	2501063	2482040	58.44%	5.212%
79	12.917	963	965	967	rVB	161856	189883	4.47%	0.399%
80	12.985	969	971	972	rVB	200205	217251	5.12%	0.456%
81	13.019	972	974	979	rBV4	110495	324874	7.65%	0.682%
82	13.648	1027	1029	1032	rVB3	354992	488929	11.51%	1.027%
83	13.785	1038	1041	1044	rBV2	869633	1473047	34.68%	3.093%
84	14.574	1108	1110	1112	rVB2	410152	429834	10.12%	0.903%
85	15.763	1212	1214	1222	rVB2	556322	1298445	30.57%	2.727%
86	16.140	1244	1247	1253	rVB	696349	1977300	46.56%	4.152%

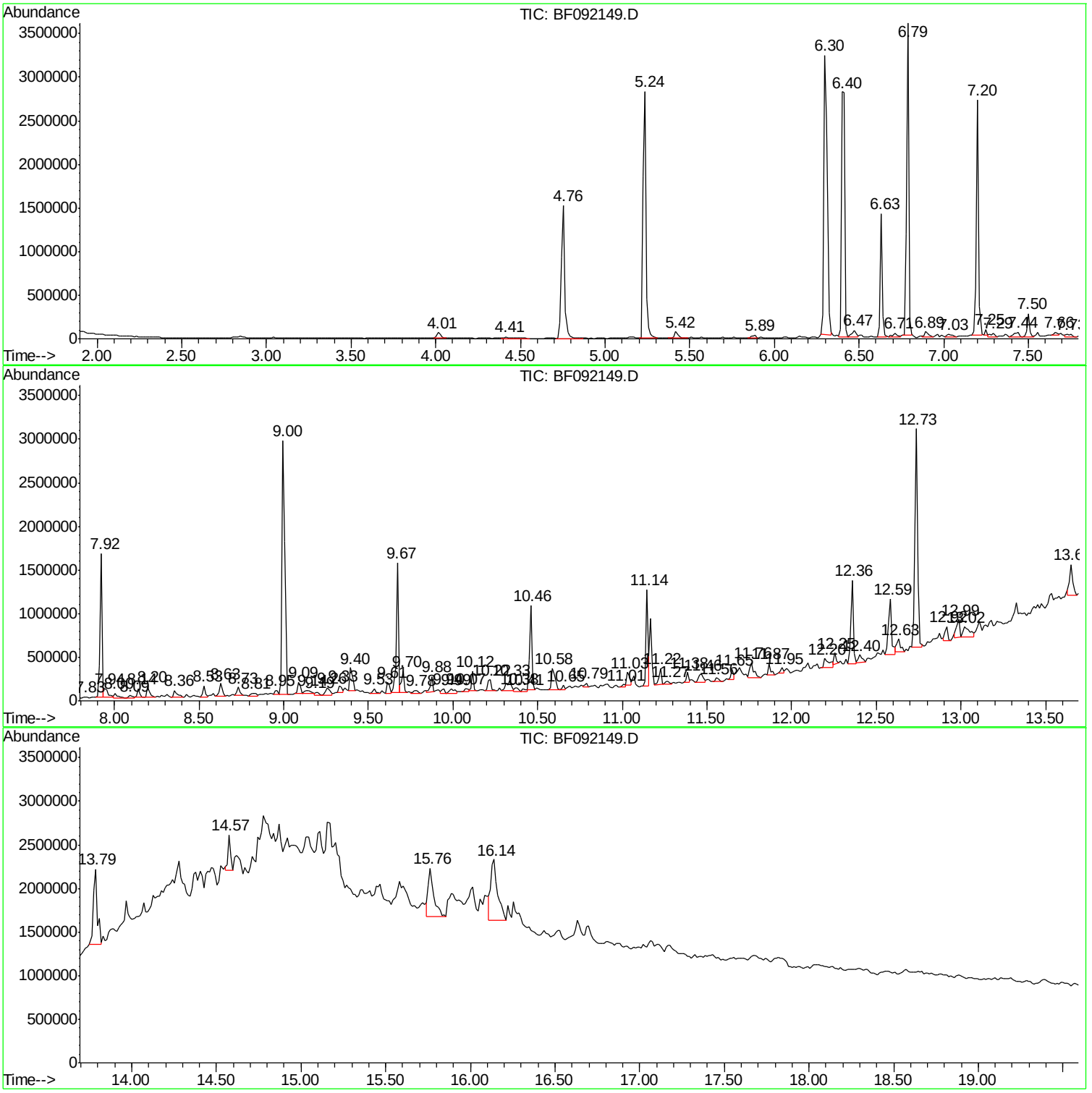
Sum of corrected areas: 47621702

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP4

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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

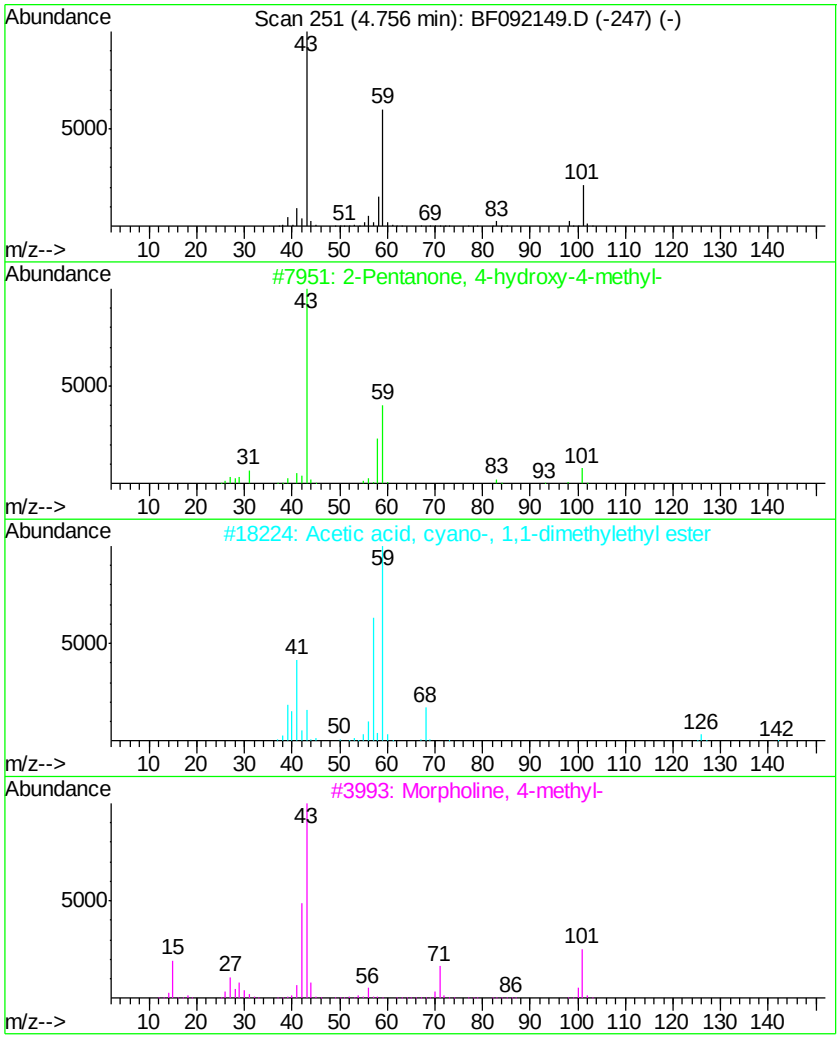
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

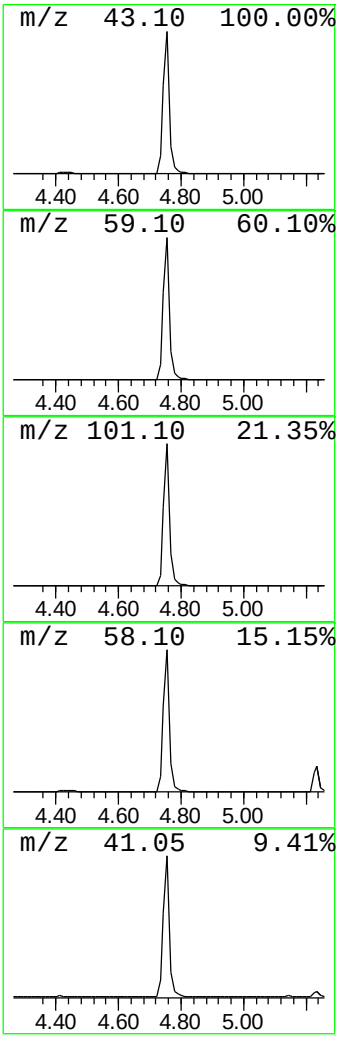
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	34.33 ng	2103420	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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

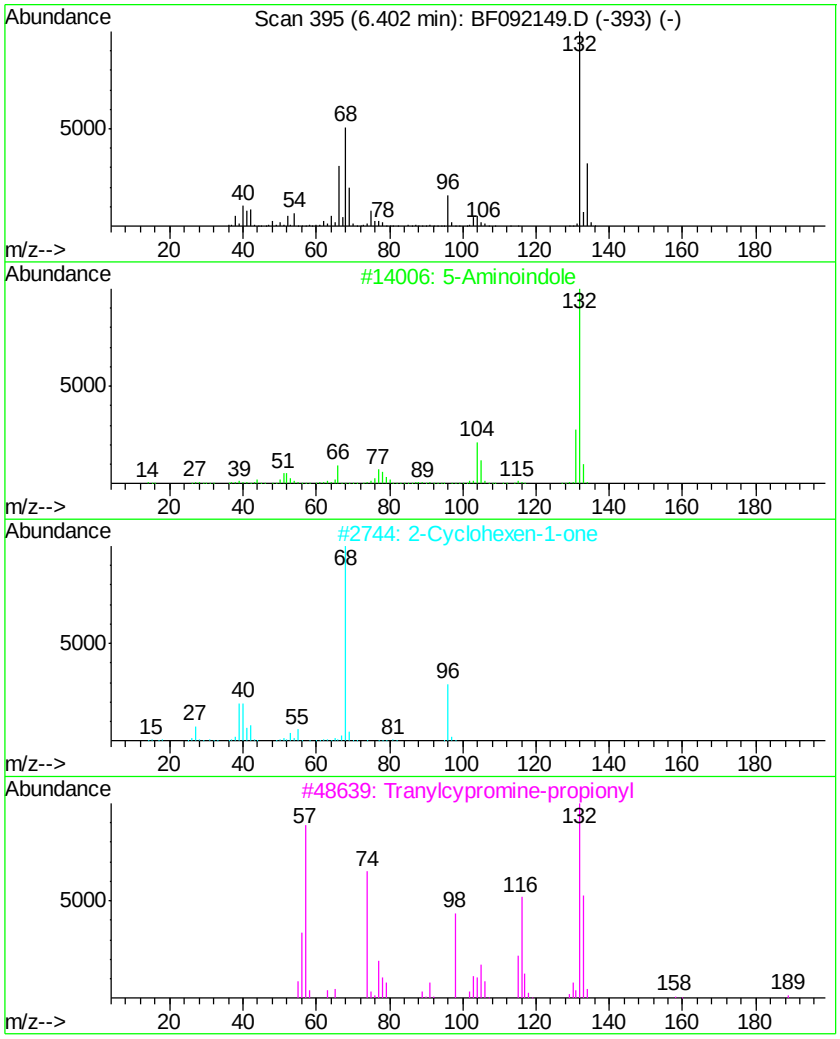
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

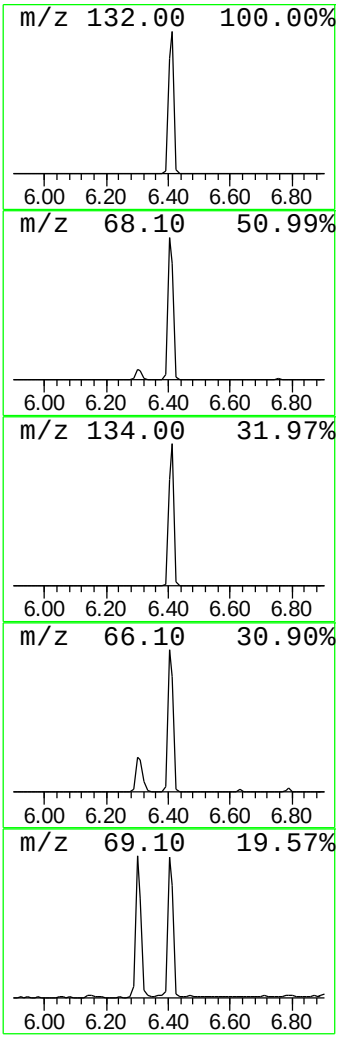
****

Peak Number 2 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	64.56 ng	3955110	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
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Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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

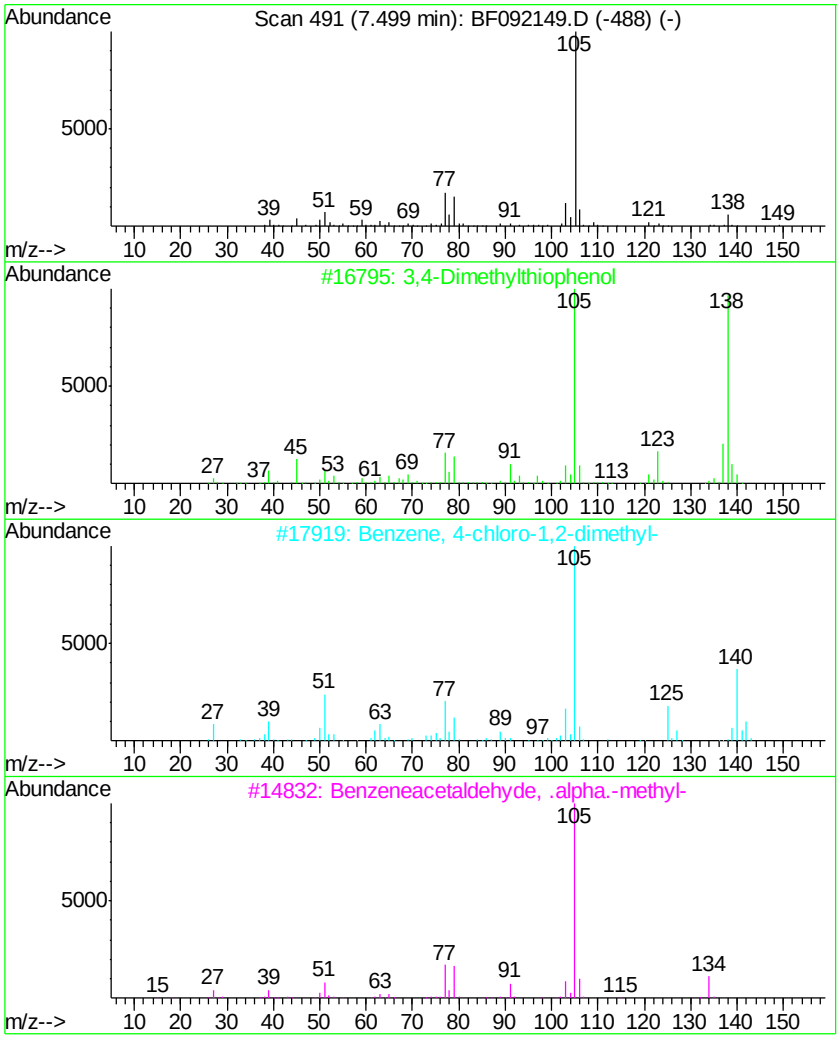
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

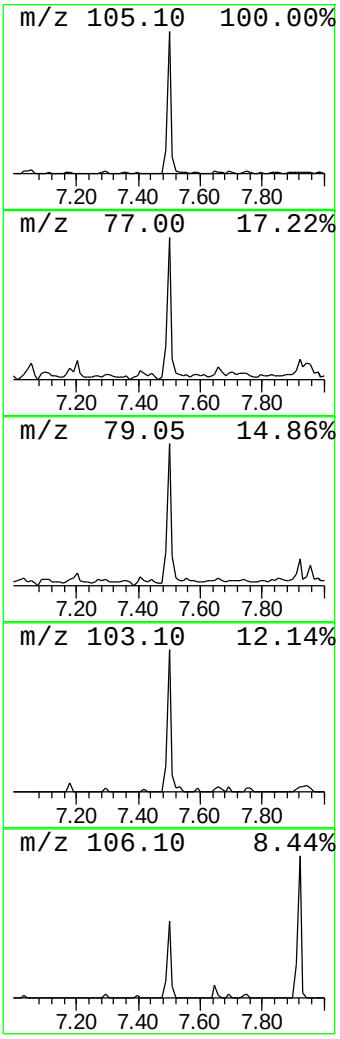
****

Peak Number 4 3,4-Dimethylthiophenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	3.90 ng	282729	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
2	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	64
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64
4	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	64
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Operator : UM/SJ
Sample : I1057-02
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Instrument : BNA_F
ClientSampleId : P3-SP4

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

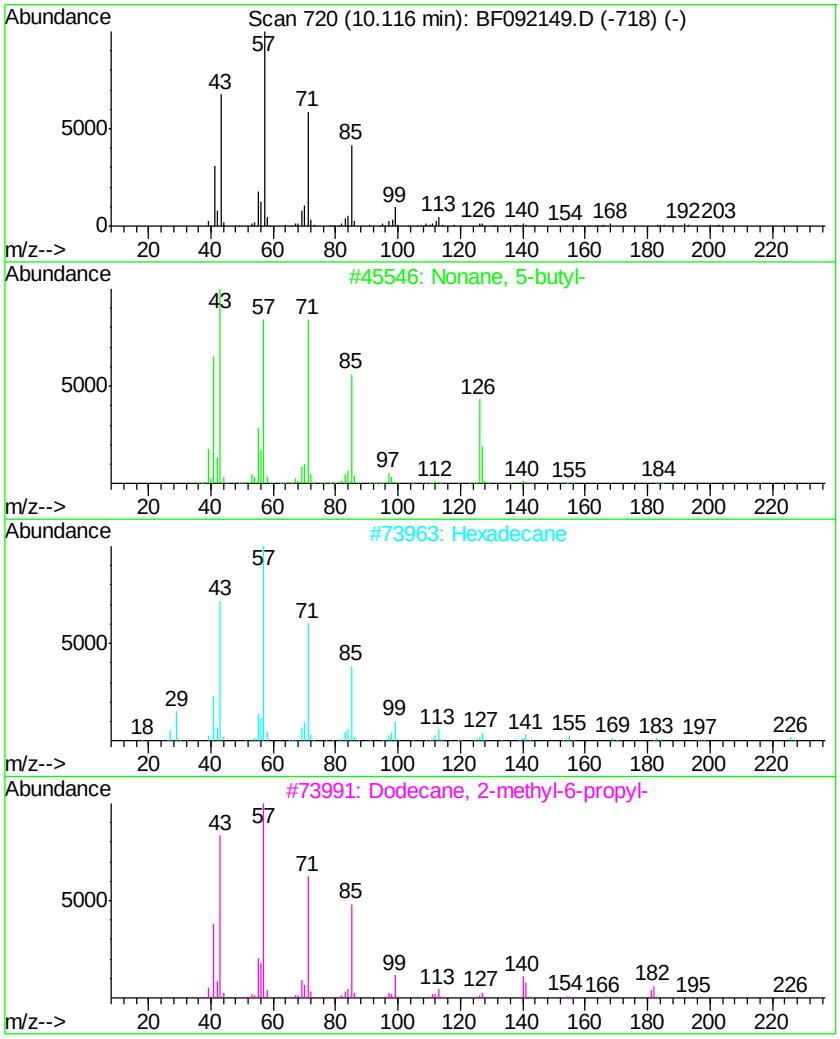
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

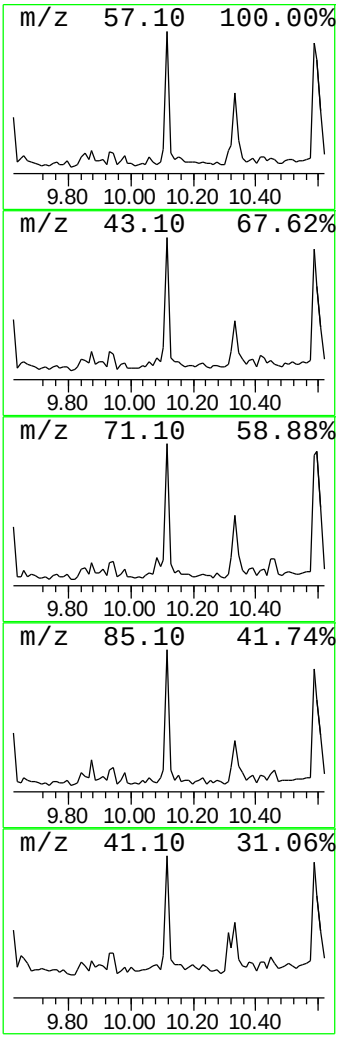
****

Peak Number 5 Nonane, 5-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.80 ng	184273	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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

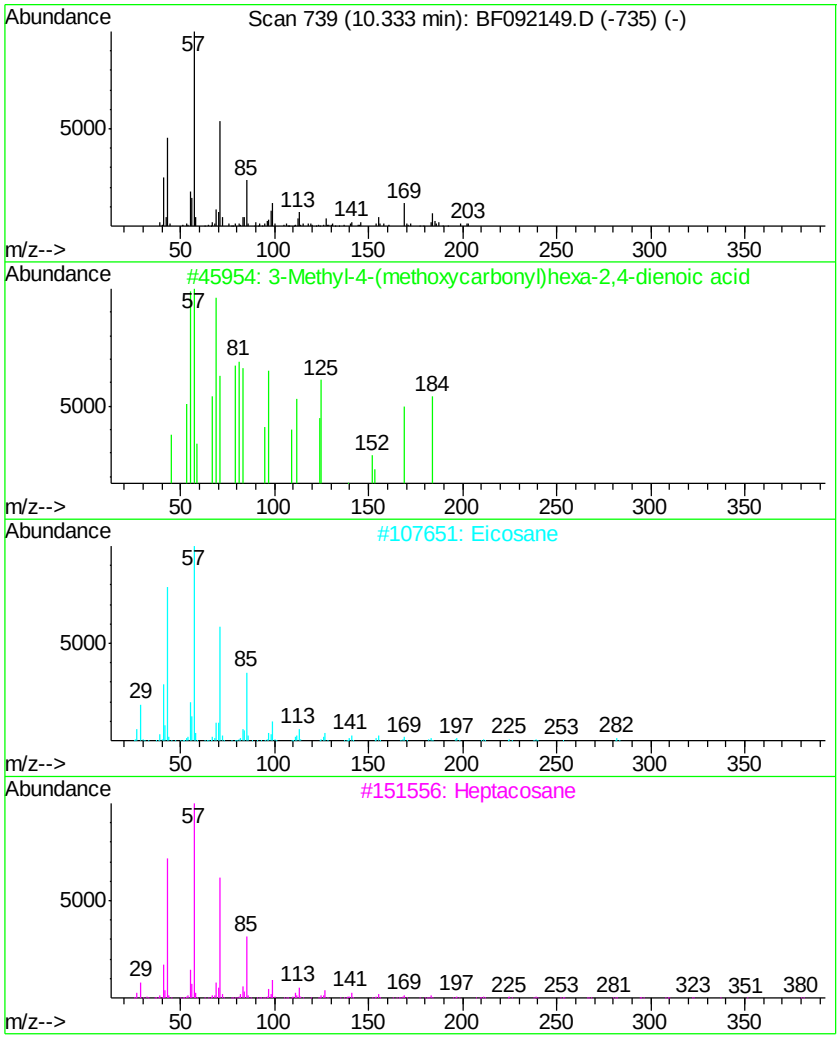
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

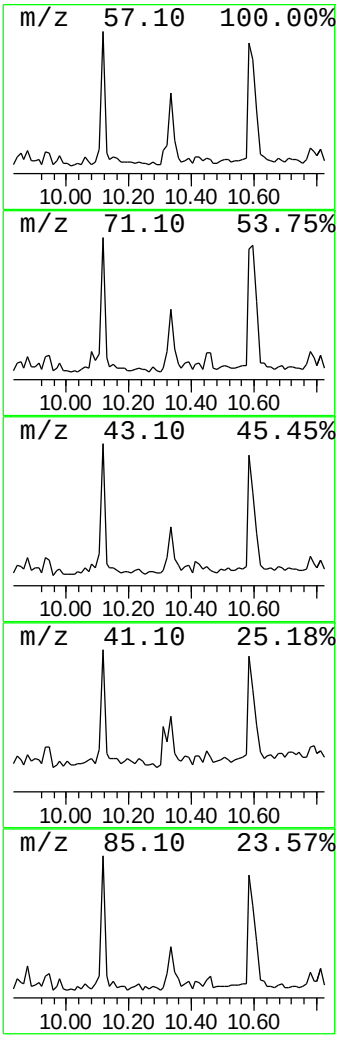
****

Peak Number 6 3-Methyl-4-(methoxycarbonyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.64 ng	239711	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	87
2	Eicosane	282	C20H42	000112-95-8	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	5-Ethyldecane	170	C12H26	017302-36-2	64
5	Tetradecane	198	C14H30	000629-59-4	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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

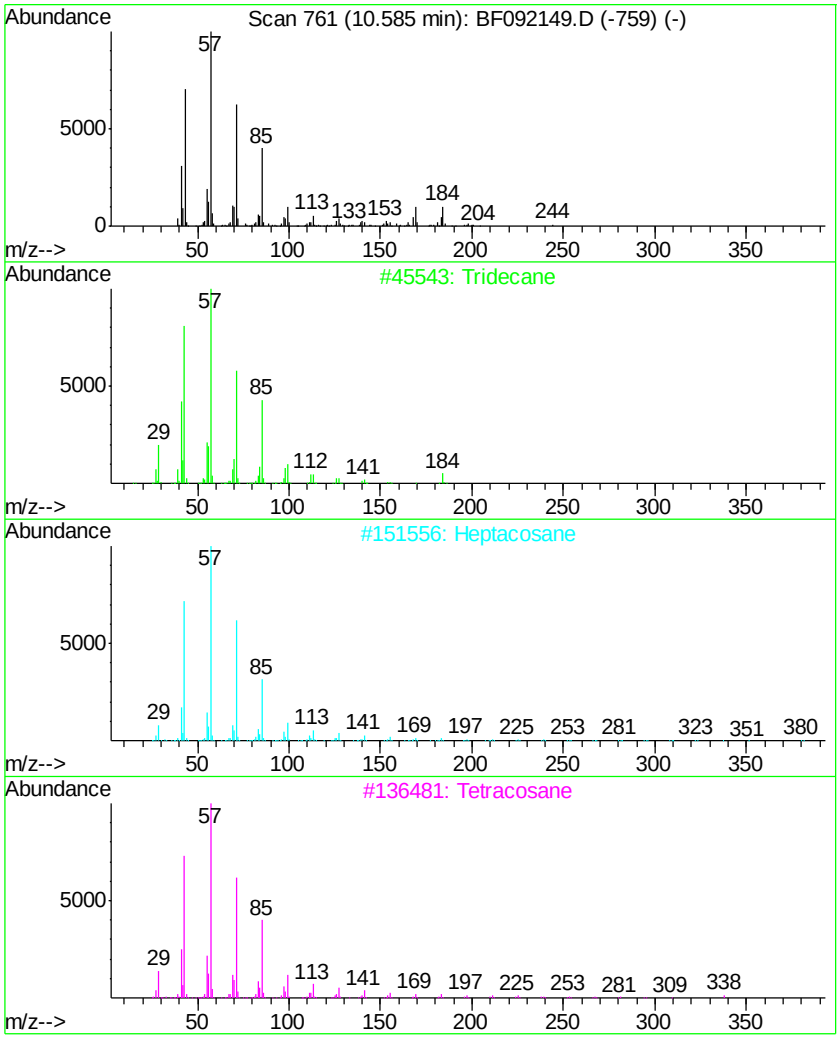
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

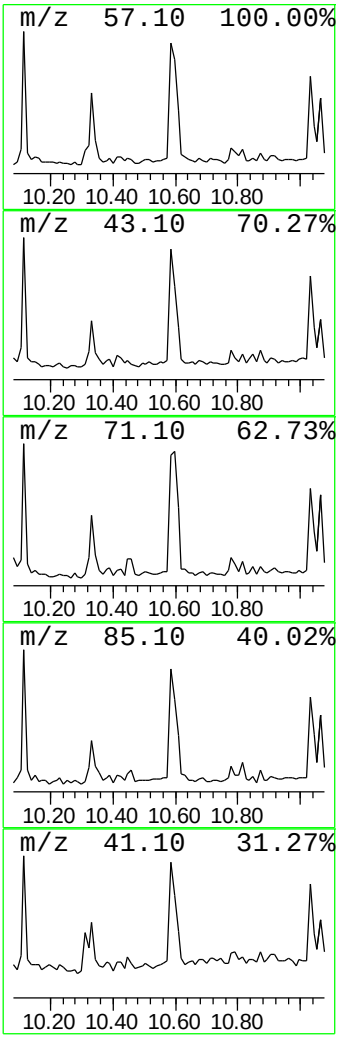
****

Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	7.28 ng	370679	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tetracosane	338	C24H50	000646-31-1	68
4	Eicosane	282	C20H42	000112-95-8	68
5	Hexadecane	226	C16H34	000544-76-3	64





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Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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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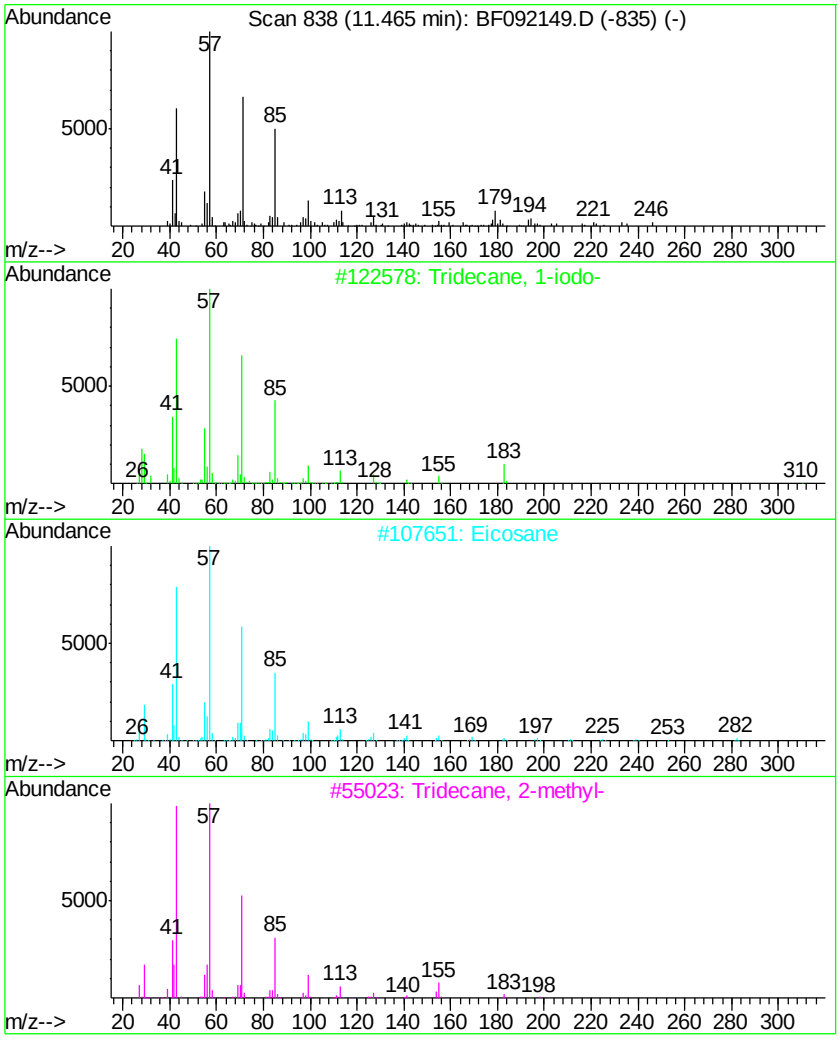
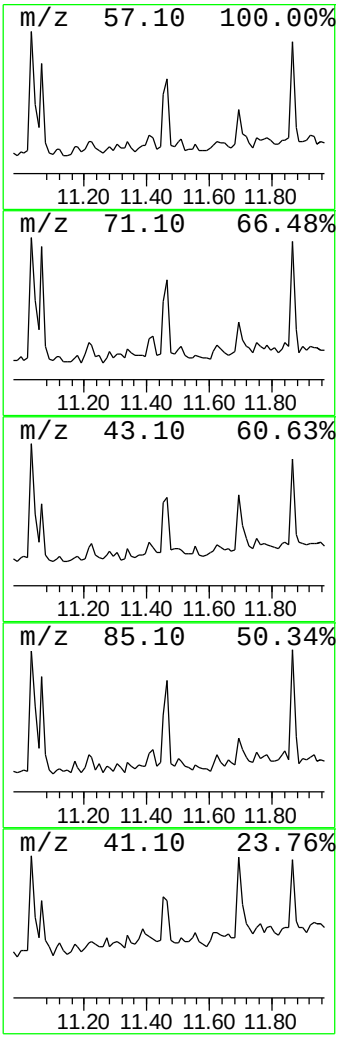
Peak Number 9 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.57 ng	182019	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Eicosane	282	C20H42	000112-95-8	58
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Pentadecane	212	C15H32	000629-62-9	58





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

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

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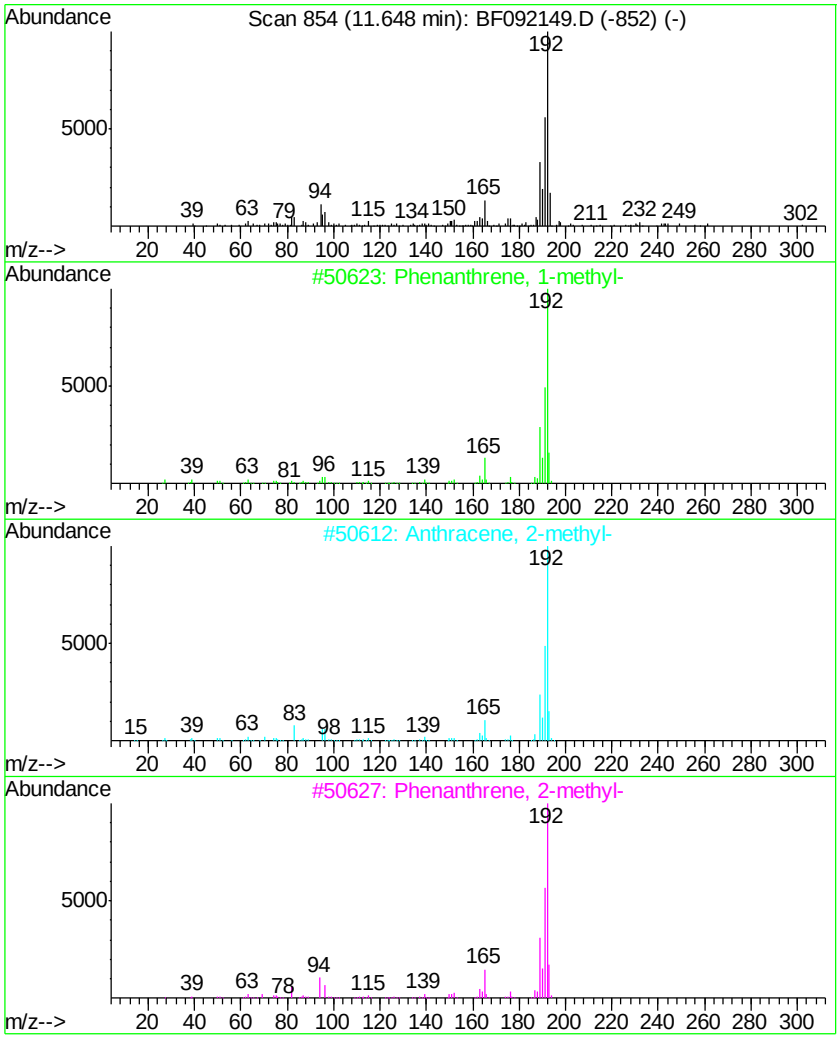
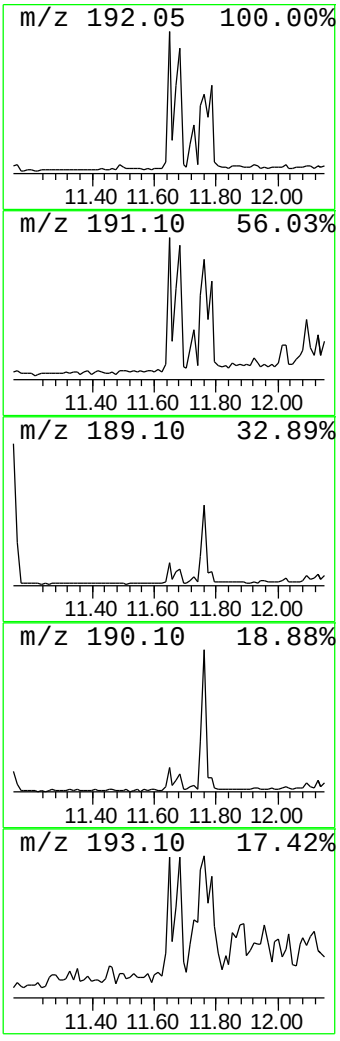
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.52 ng	128436	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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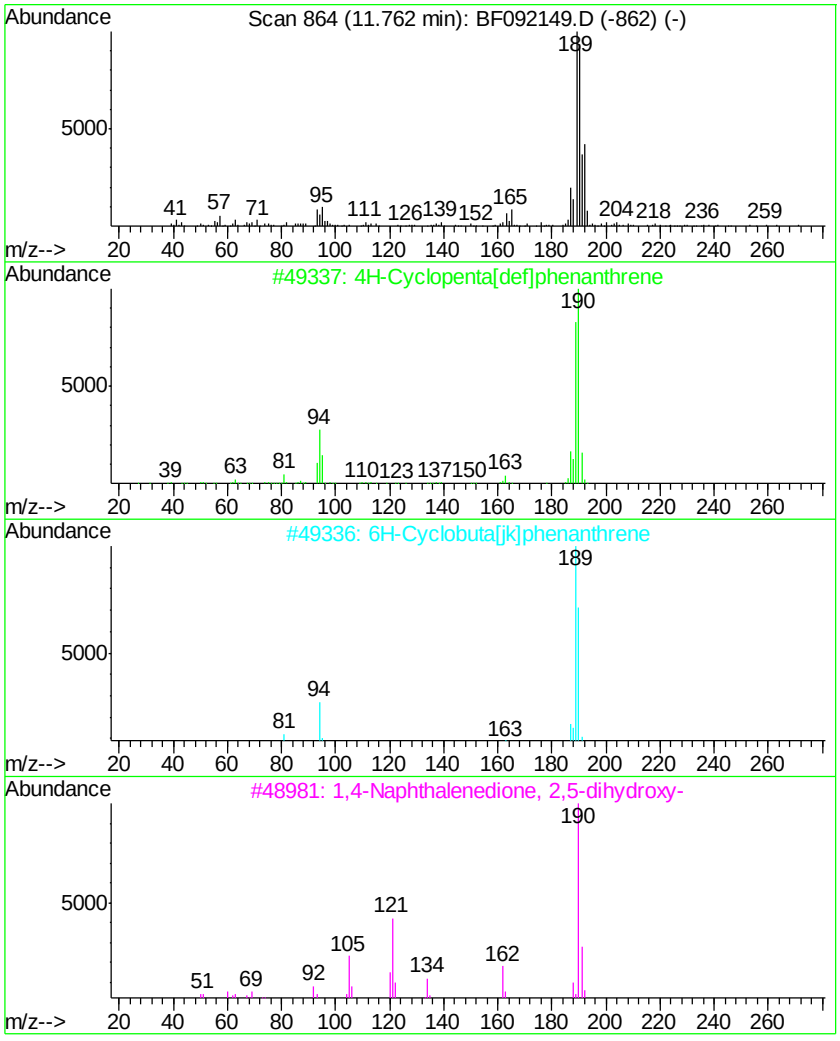
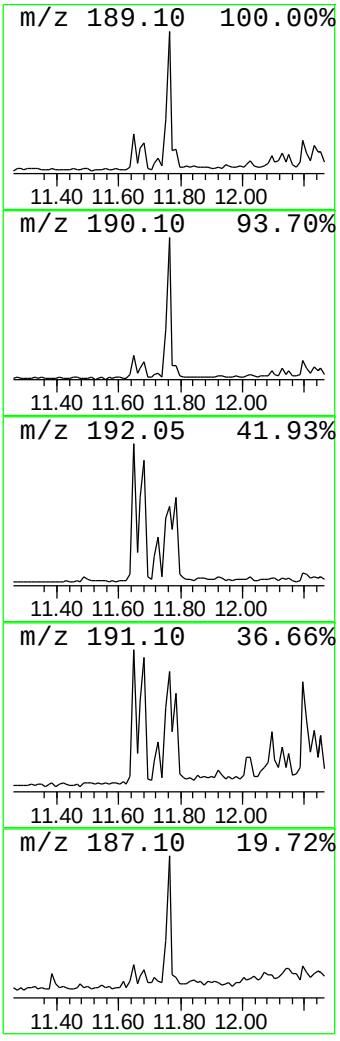
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.50 ng	279873	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	12





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Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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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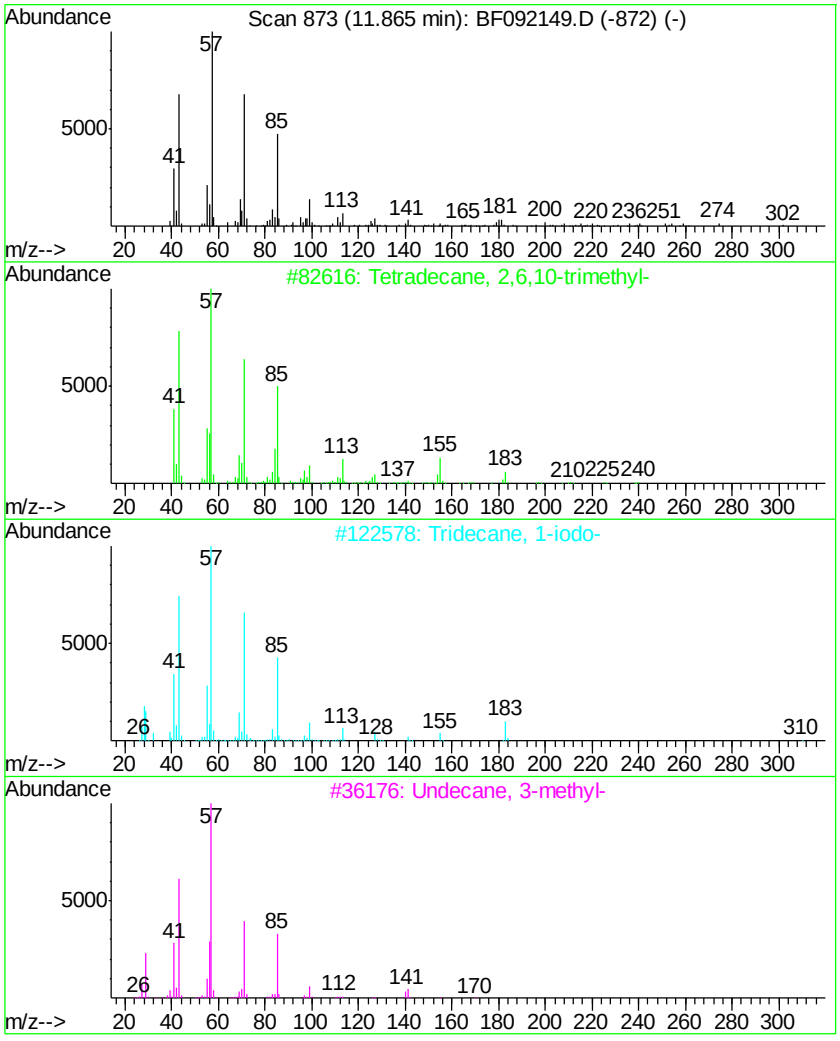
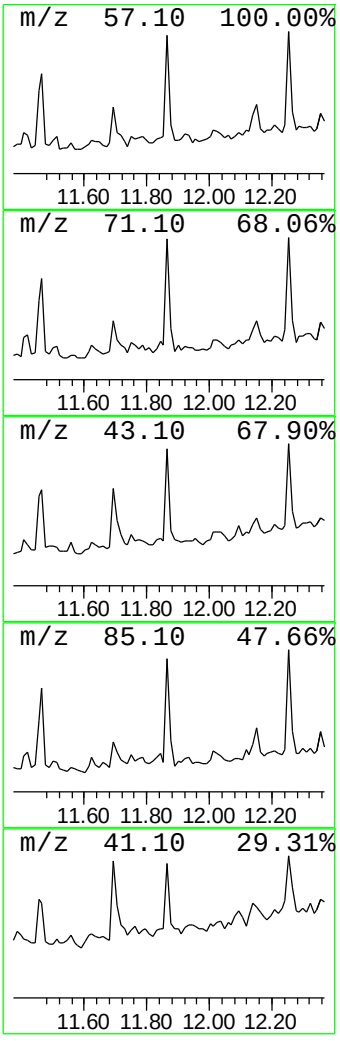
Peak Number 12 Tetradecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.59 ng	132006	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





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Misc :
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ClientSampleId : P3-SP4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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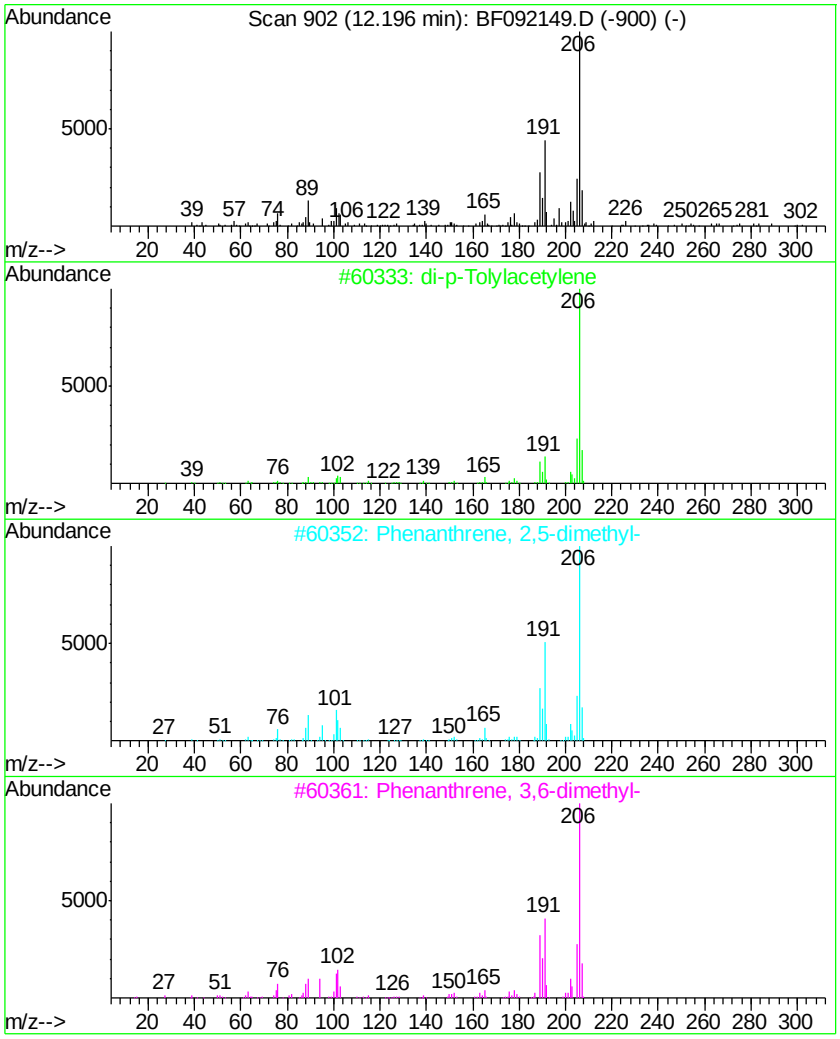
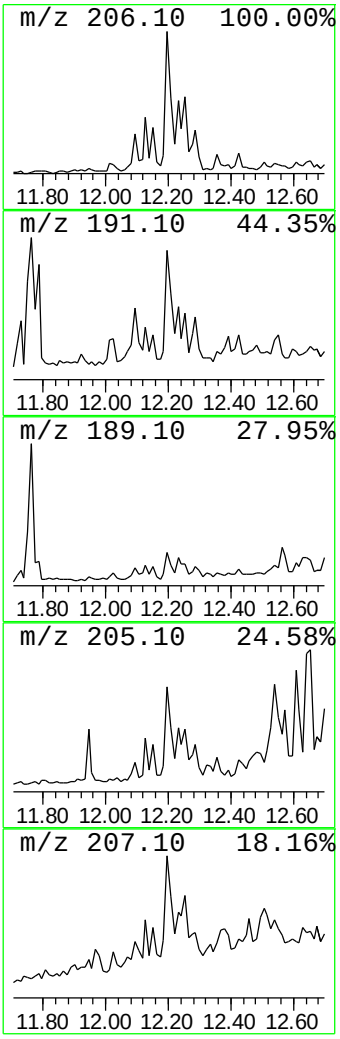
Peak Number 13 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.83 ng	246120	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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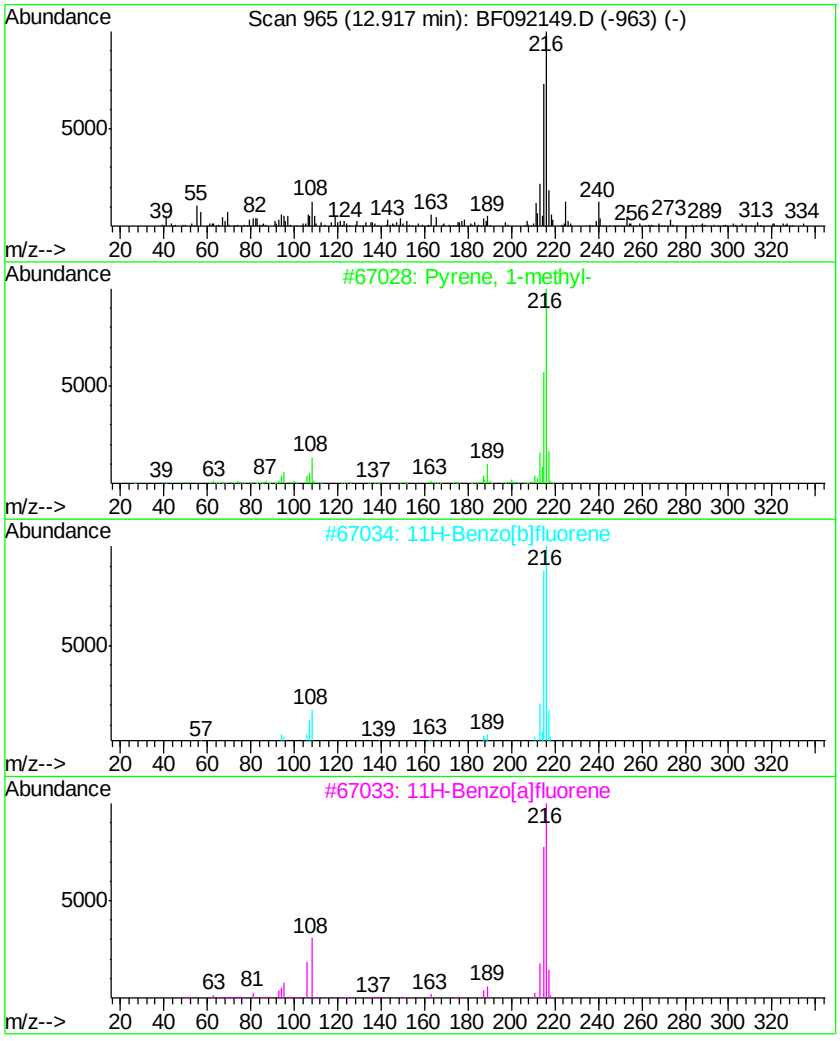
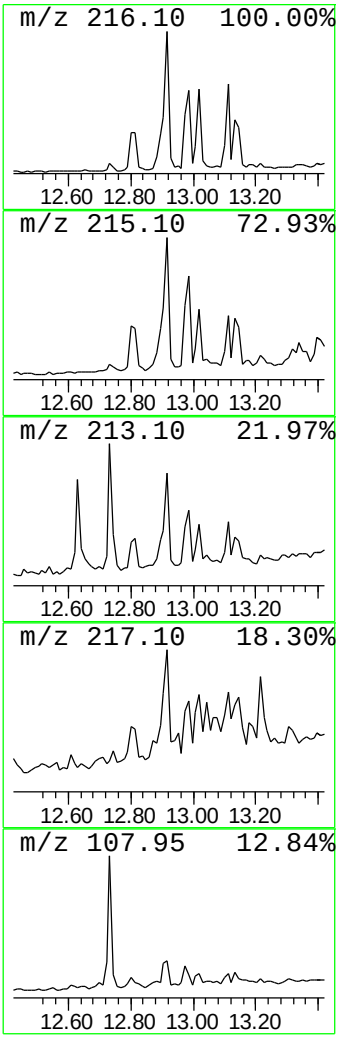
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.58 ng	189883	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Sample : I1057-02
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP4

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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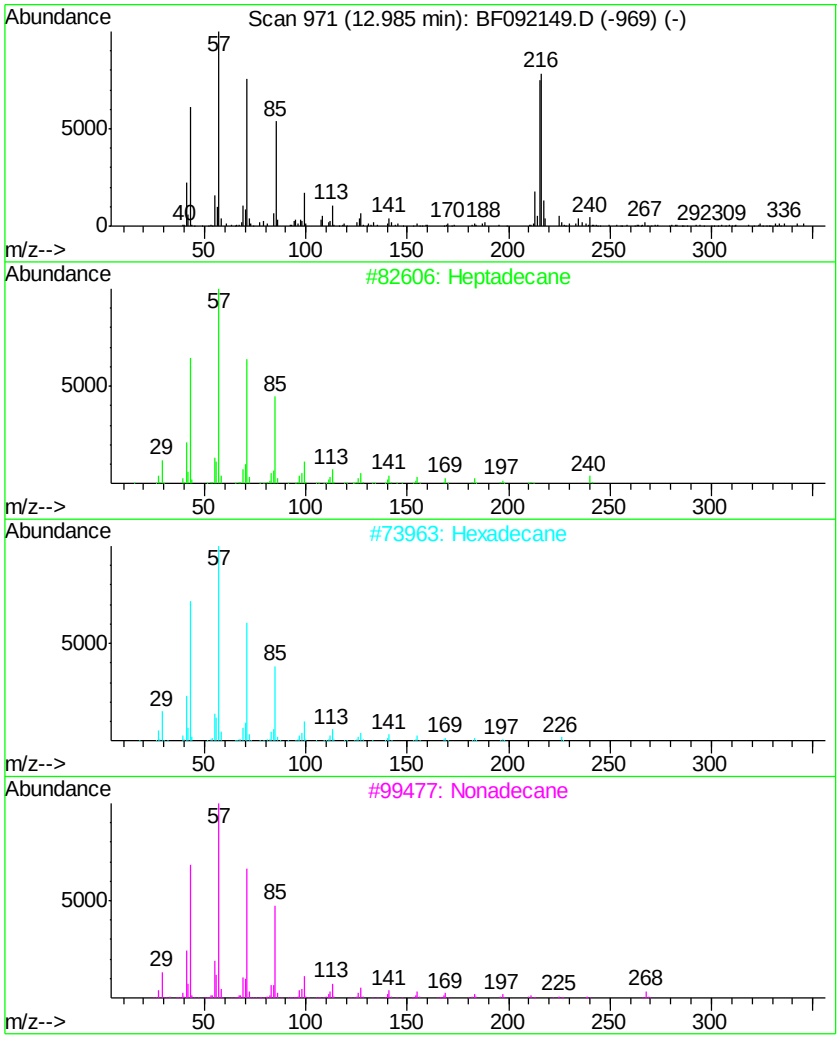
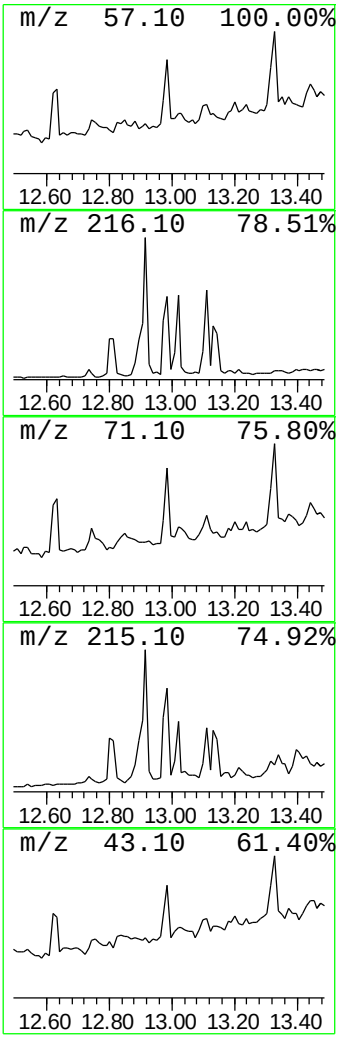
Peak Number 15 unknown12.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.95 ng	217251	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	38
2	Hexadecane	226	C16H34	000544-76-3	35
3	Nonadecane	268	C19H40	000629-92-5	30
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	30
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	30





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

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

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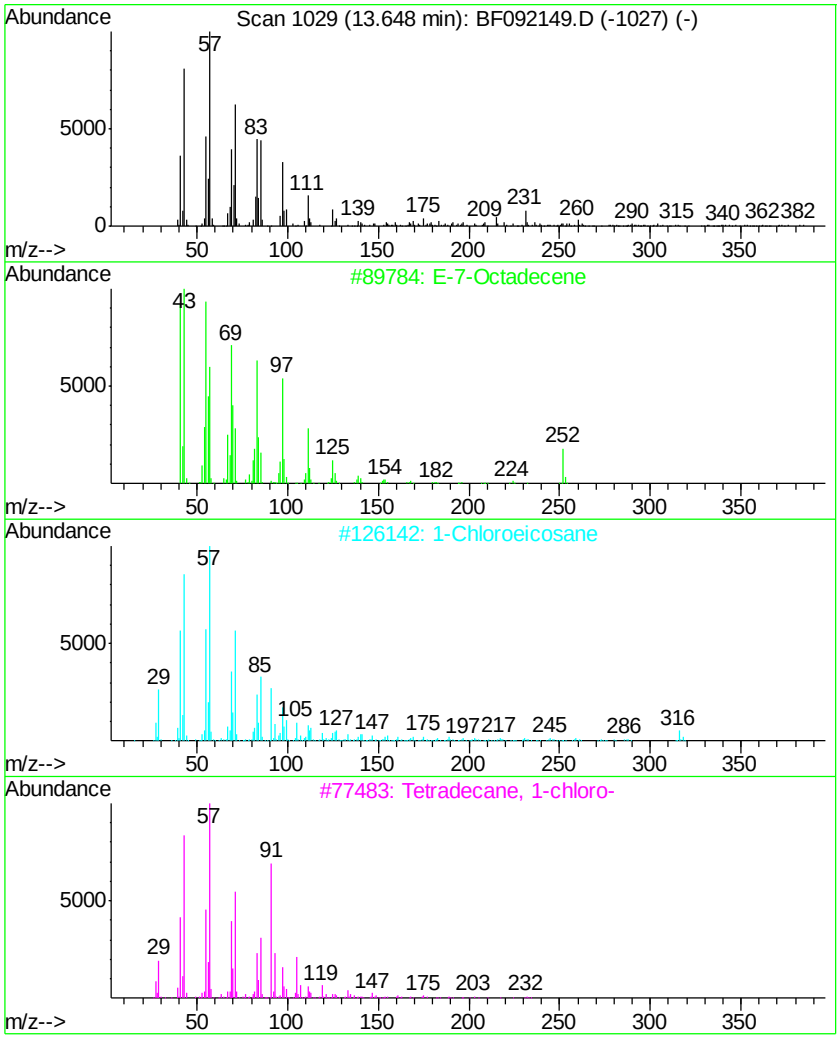
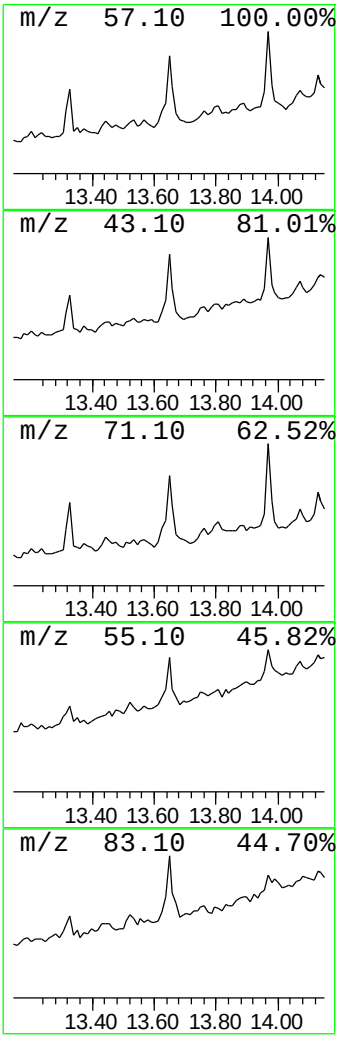
Peak Number 17 E-7-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.64 ng	488929	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	78
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	72
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	64
4	Cyclotetracosane	336	C24H48	000297-03-0	62
5	17-Pentatriacontene	491	C35H70	006971-40-0	62





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TIC Library : C:\DATABASE\NIST02.L
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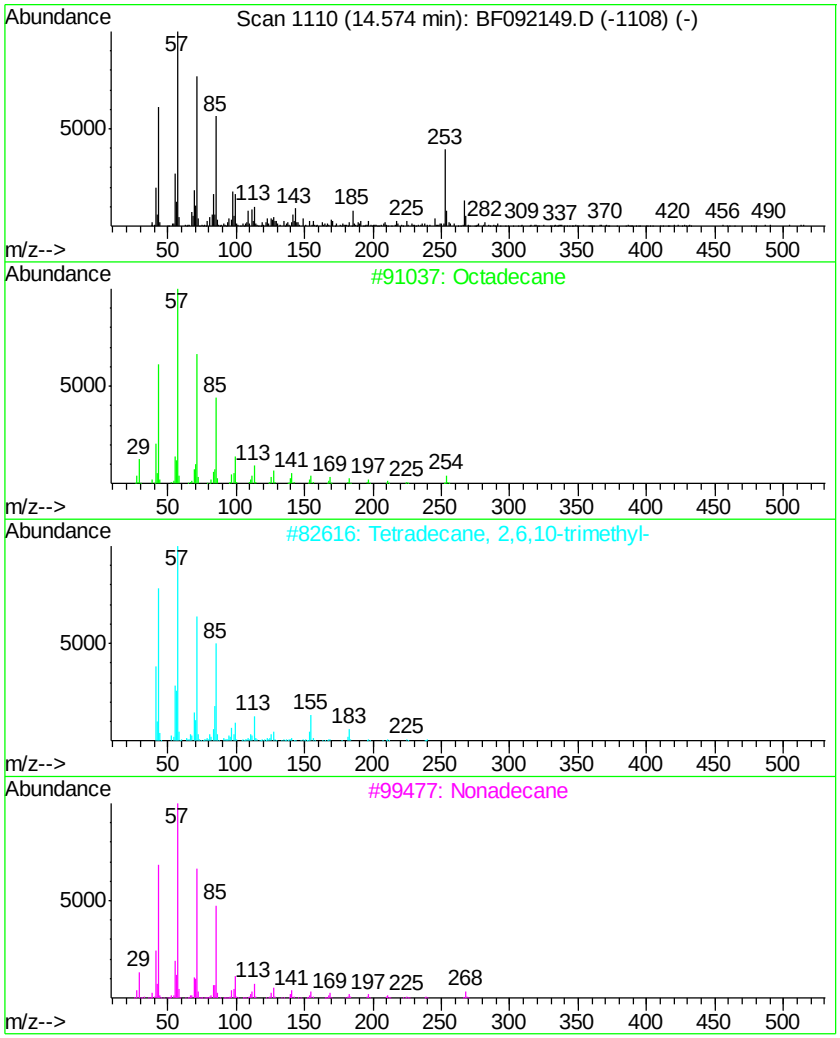
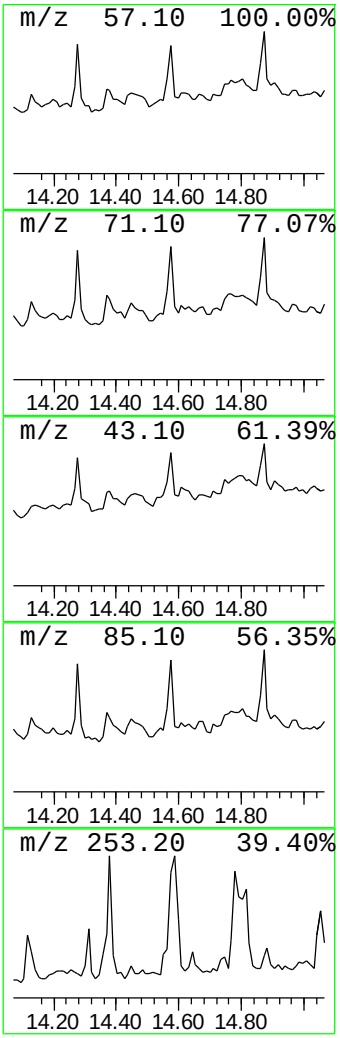
Peak Number 18 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	20.00 ng	429834	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
3	Nonadecane	268	C19H40	000629-92-5	60
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	60
5	Octacosane	394	C28H58	000630-02-4	53





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Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP4

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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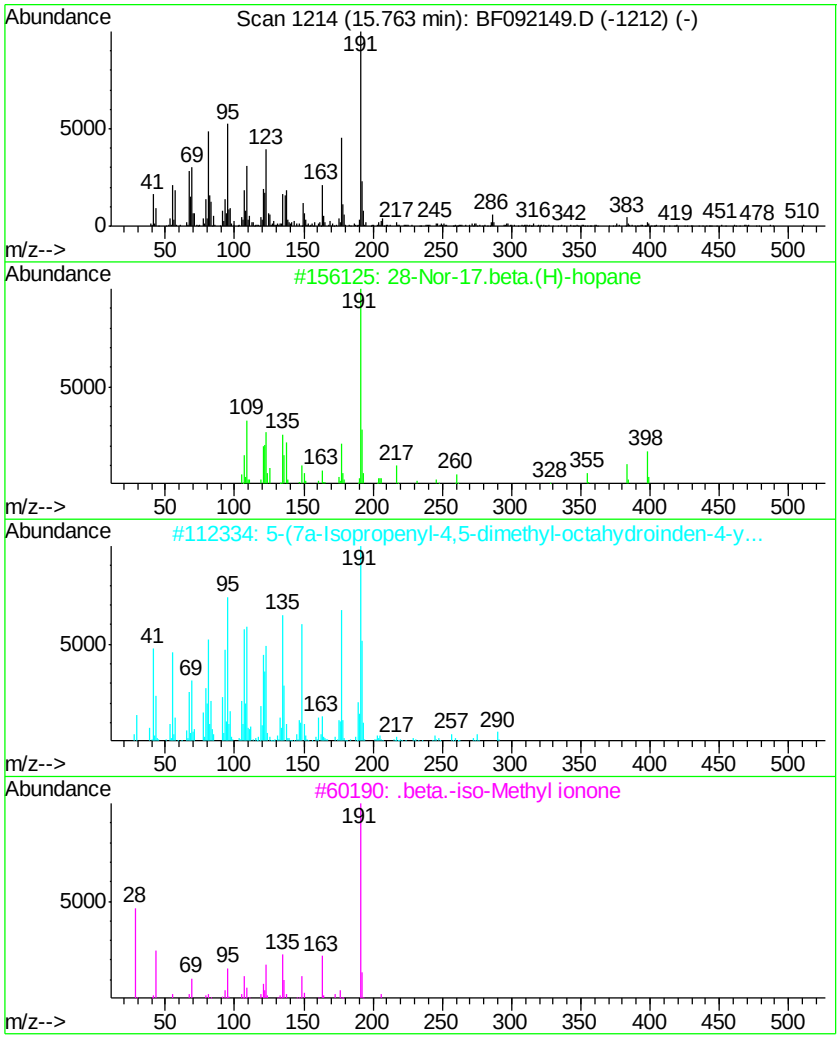
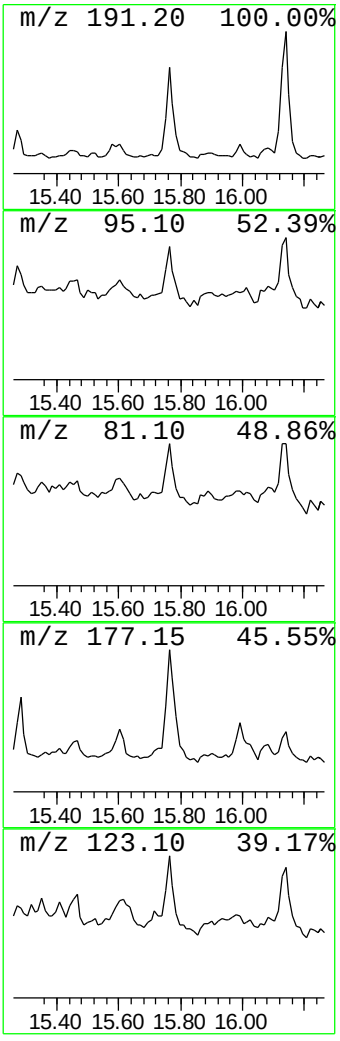
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	60.42 ng	1298450	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2	5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	45
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	27





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : P3-SP4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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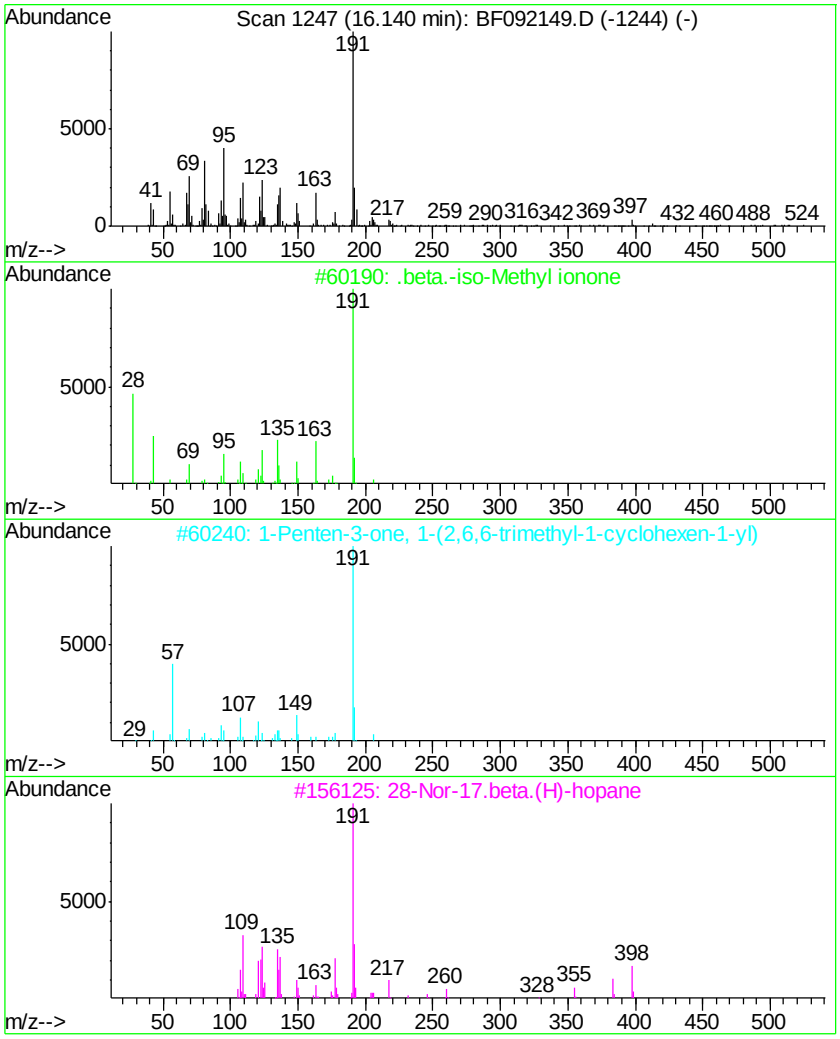
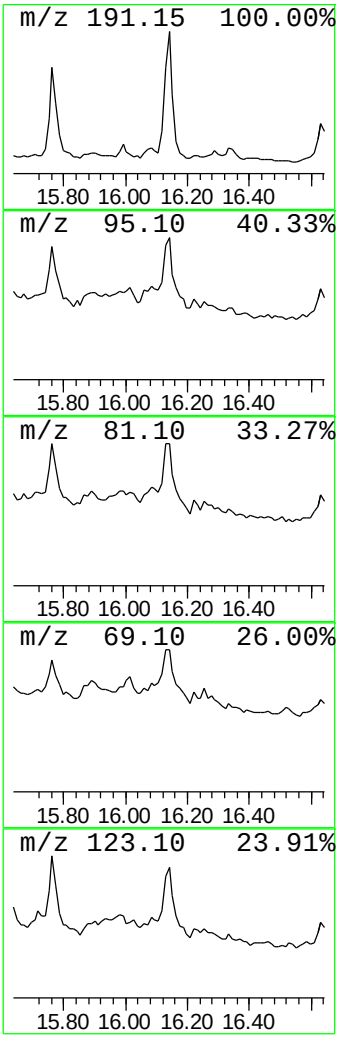
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	92.00 ng	1977300	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42





Tentatively Identified Compound (LSC) summary

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Data File : BF092149.D
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Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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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	34.3	ng	2103420	1	6.63	1225320	20.0
unknown6.40	6.40	64.6	ng	3955110	1	6.63	1225320	20.0
3,4-Dimethylthiop...	7.50	3.9	ng	282729	2	7.92	1448840	20.0
Nonane, 5-butyl-	10.12	2.8	ng	184273	3	9.67	1317110	20.0
3-Methyl-4-(metho...	10.33	3.6	ng	239711	3	9.67	1317110	20.0
Tridecane	10.58	7.3	ng	370679	4	11.15	1018650	20.0
Tridecane, 1-iodo-	11.47	3.6	ng	182019	4	11.15	1018650	20.0
Phenanthrene, 1-m...	11.65	2.5	ng	128436	4	11.15	1018650	20.0
4H-Cyclopenta[def...	11.76	5.5	ng	279873	4	11.15	1018650	20.0
Tetradecane, 2,6,...	11.87	2.6	ng	132006	4	11.15	1018650	20.0
di-p-Tolylacetylene	12.20	4.8	ng	246120	4	11.15	1018650	20.0
Pyrene, 1-methyl-	12.92	2.6	ng	189883	5	13.79	1473050	20.0
unknown12.99	12.99	3.0	ng	217251	5	13.79	1473050	20.0
E-7-Octadecene	13.65	6.6	ng	488929	5	13.79	1473050	20.0
Octadecane	14.57	20.0	ng	429834	6	15.16	429834	20.0
28-Nor-17.beta.(H...	15.76	60.4	ng	1298450	6	15.16	429834	20.0
.beta.-iso-Methyl...	16.14	92.0	ng	1977300	6	15.16	429834	20.0