LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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	4.024	184	187	192	rBV	130215	240322	7.97%	0.636%
2	4.413	220	221	232	rVB3	14803	37713	1.25%	0.100%
3	4.756	248	251	254	rBV	1300198	1739717	57.69%	4.603%
4	5.236	291	293	302	rBV	2367303	2472677	82.00%	6.542%
5	5.430	306	310	316	rVB3	20040	42167	1.40%	0.112%
6	5.887	346	350	352	rBV2	43600	61999	2.06%	0.164%
7	6.150	369	373	375	rBV4	27718	47698	1.58%	0.126%
8	6.276	382	384	385	rBV	78279	97900	3.25%	0.259%
9	6.310	385	387	394	rVV	2164121	3014492	99.97%	7.975%
10	6.413	394	396	398	rVV	3335934	3015470	100.00%	7.978%
11	6.482	398	402	404	rVB4	43333	91946	3.05%	0.243%
12	6.630	413	415	418	rBV	607456	817077	27.10%	2.162%
13	6.722	419	423	425	rBV4	27333	60377	2.00%	0.160%
14	6.790	427	429	432	rVV	2294623	2134559	70.79%	5.647%
15	6.905	436	439	442	rVB4	27505	67688	2.24%	0.179%
16	7.030	448	450	454	rVB4	32120	53996	1.79%	0.143%
17	7.110	454	457	460	rBV4	12335	36368	1.21%	0.096%
18	7.202	463	465	468	rVV	1445353	1657132	54.95%	4.384%
19	7.247	468	469	471	rVV	47012	52737	1.75%	0.140%
20	7.293	471	473	475	rVB3	35207	45661	1.51%	0.121%
21	7.419	482	484	485	rBV	42460	47487	1.57%	0.126%
22	7.499	489	491	493	rBV	96102	108163	3.59%	0.286%
23	7.556	493	496	499	rVV4	31387	54513	1.81%	0.144%
24	7.670	503	506	507	rBV2	37994	61839	2.05%	0.164%
25	7.739	510	512	516	rVB4	20210	43159	1.43%	0.114%
26	7.830	516	520	522	rBV4	16131	39743	1.32%	0.105%
27	7.887	522	525	526	rBV2	17350	33657	1.12%	0.089%
28	7.922	526	528	534	rVB	1163066	1206421	40.01%	3.192%
29	8.002	534	535	538	rVB2	46057	55396	1.84%	0.147%
30	8.105	541	544	545	rBV3	36902	67732	2.25%	0.179%
31	8.139	545	547	551	rVB4	35371	63189	2.10%	0.167%
32	8.208	551	553	556	rBV3	46531	69451	2.30%	0.184%
33	8.310	561	562	565	rVV2	38682	55898	1.85%	0.148%
34	8.368	565	567	571	rVB	54356	102149	3.39%	0.270%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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	8.528	579	581	584	rBV	98767	116613	3.87%	0.309%
36	8.642	588	591	592	rVB2	107036	138836	4.60%	0.367%
37	8.733	597	599	604	rVB	72905	94455	3.13%	0.250%
38	8.962	616	619	620	rBV	92165	93594	3.10%	0.248%
39	9.008	620	623	625	rVB	3087475	2874831	95.34%	7.606%
40	9.099	628	631	633	rBV	181116	225040	7.46%	0.595%
41	9.156	633	636	639	rVV5	37456	71498	2.37%	0.189%
42	9.259	643	645	648	rBV2	73758	132423	4.39%	0.350%
43	9.339	650	652	653	rVV	108702	114219	3.79%	0.302%
44	9.408	655	658	661	rVV2	190626	332238	11.02%	0.879%
45	9.453	661	662	665	rVB3	47581	61222	2.03%	0.162%
46	9.533	667	669	672	rBV	44893	78819	2.61%	0.209%
47	9.625	675	677	678	rBV	204115	166138	5.51%	0.440%
48	9.671	679	681	683	rVV	921487	1049366	34.80%	2.776%
49	9.705	683	684	686	rVB	374138	313271	10.39%	0.829%
50	9.785	689	691	693	rVB2	44942	62534	2.07%	0.165%
51	9.876	697	699	701	rVB	226265	227343	7.54%	0.601%
52	9.922	701	703	704	rBV2	35750	35566	1.18%	0.094%
53	9.945	704	705	707	rVB	71694	60629	2.01%	0.160%
54	9.991	707	709	711	rBV2	42904	87319	2.90%	0.231%
55	10.082	715	717	718	rBV2	40816	56869	1.89%	0.150%
56	10.116	718	720	722	rVB	147377	171720	5.69%	0.454%
57	10.219	727	729	733	rBV	439040	391838	12.99%	1.037%
58	10.288	733	735	736	rBV2	39283	42627	1.41%	0.113%
59	10.345	736	740	742	rVB2	86969	210316	6.97%	0.556%
60	10.379	742	743	745	rVB2	70933	72240	2.40%	0.191%
61	10.459	748	750	752	rBV2	582711	689874	22.88%	1.825%
62	10.505	752	754	757	rVB4	23019	36448	1.21%	0.096%
63	10.596	760	762	765	rBV2	220737	360243	11.95%	0.953%
64	10.653	765	767	769	rBV2	45854	70067	2.32%	0.185%
65	10.791	776	779	781	rVB4	49563	95255	3.16%	0.252%
66	10.871	785	786	788	rBV	29938	54929	1.82%	0.145%
67	10.916	788	790	793	rVB3	64586	74930	2.48%	0.198%
68	10.962	793	794	796	rVB	54783	42939	1.42%	0.114%
69	11.042	796	801	806	rBV4	221987	509207	16.89%	1.347%
70	11.156	808	811	812	rBV	1036154	1084585	35.97%	2.869%
71	11.179	812	813	815	rVV	1554626	1137629	37.73%	3.010%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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	11.225	815	817	819	rVB	324974	383521	12.72%	1.015%
73	11.271	819	821	823	rBV2	39108	72689	2.41%	0.192%
74	11.396	829	832	833	rBV	135080	204936	6.80%	0.542%
75	11.465	836	838	845	rVB3	145989	222595	7.38%	0.589%
76	11.568	845	847	850	rBV2	67876	81658	2.71%	0.216%
77	11.625	850	852	853	rBV2	37340	60442	2.00%	0.160%
78	11.659	853	855	856	rBV	135586	160901	5.34%	0.426%
79	11.762	863	864	869	rVB	234036	369912	12.27%	0.979%
80	11.876	869	874	877	rBV4	130417	357246	11.85%	0.945%
81	12.208	901	903	904	rBV	129755	149621	4.96%	0.396%
82	12.265	906	908	909	rVB	150399	164154	5.44%	0.434%
83	12.368	915	917	919	rBV	1002966	1059703	35.14%	2.804%
84	12.414	919	921	924	rVV4	88676	167247	5.55%	0.442%
85	12.585	934	936	938	rBV2	582449	890195	29.52%	2.355%
86	12.631	938	940	941	rVV2	164219	146328	4.85%	0.387%
87	12.745	948	950	952	rBV	2243137	2240775	74.31%	5.928%
88	12.837	952	958	959	rVV3	54047	110531	3.67%	0.292%
89	12.985	969	971	973	rBV2	241481	262239	8.70%	0.694%
90	13.328	999	1001	1003	rBV	220199	281362	9.33%	0.744%
91	13.785	1039	1041	1045	rBV	695997	1177105	39.04%	3.114%

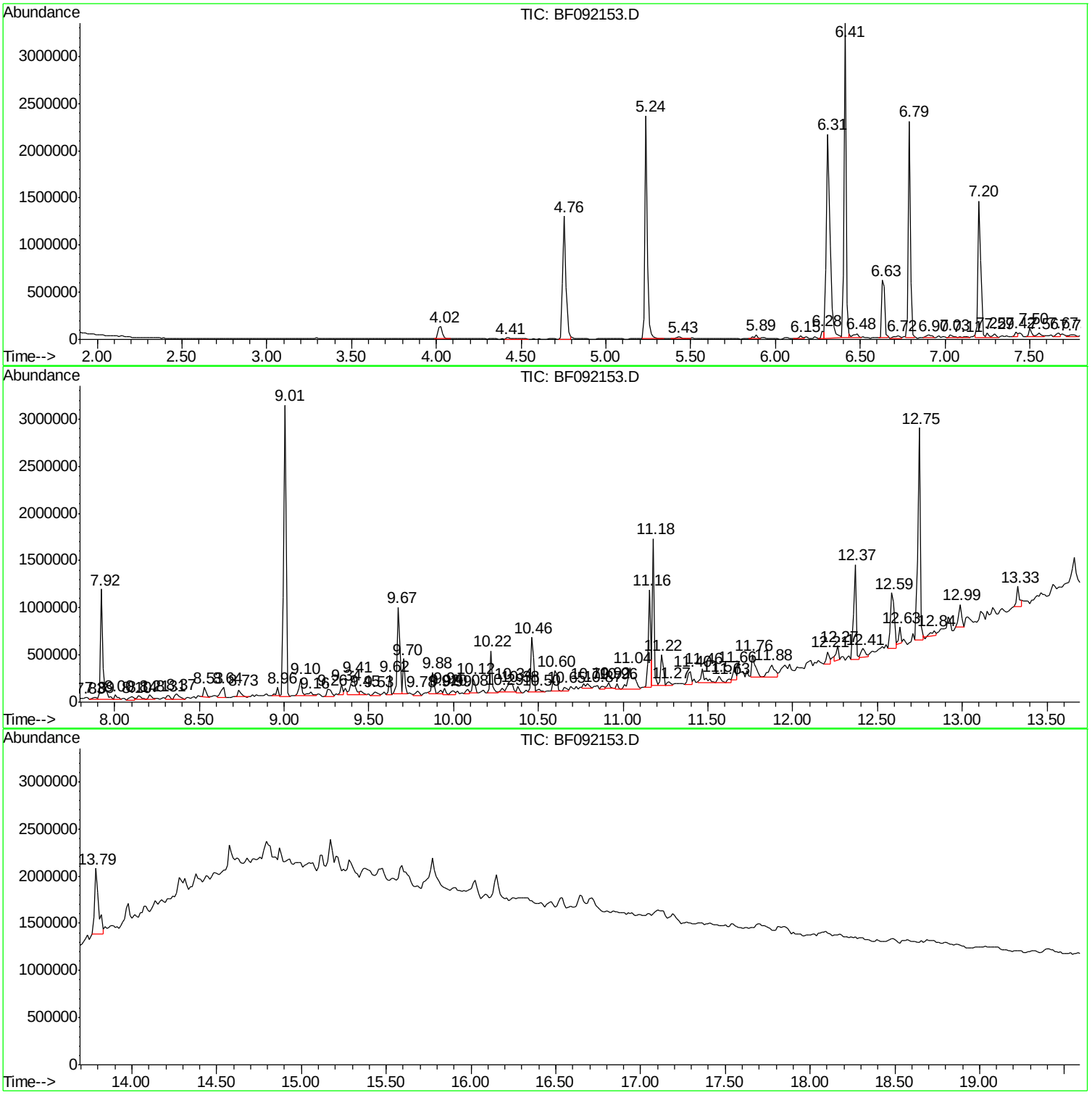
Sum of corrected areas: 37797323

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP8

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 : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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

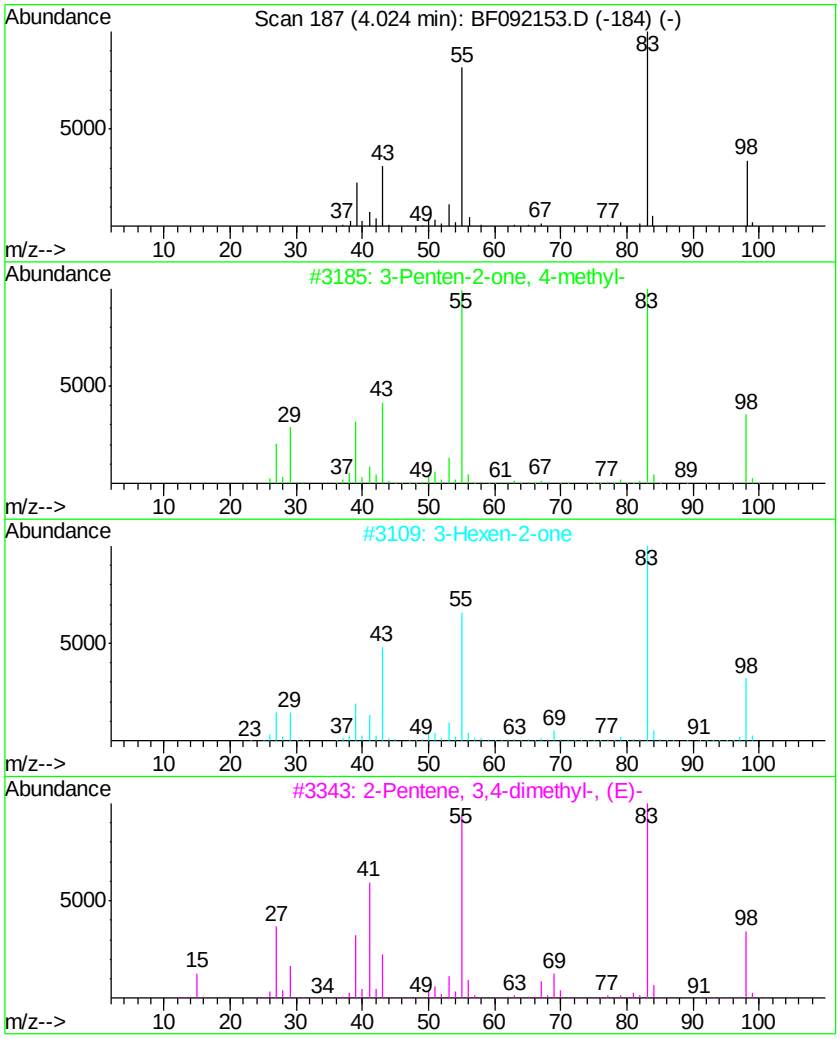
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

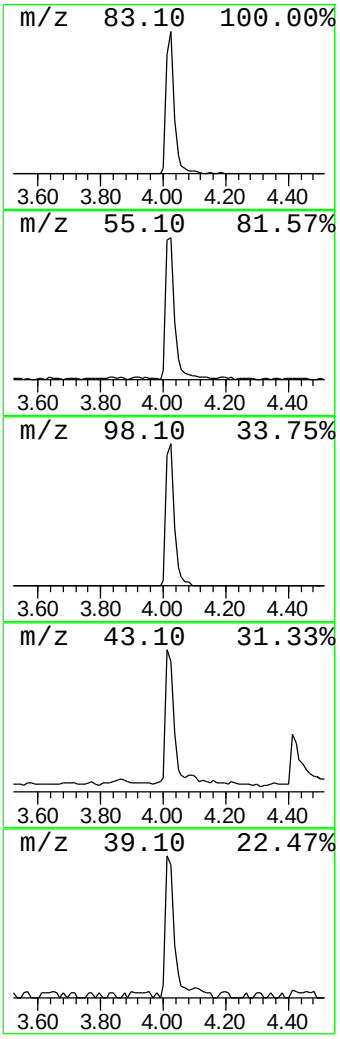
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	5.88 ng	240322	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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

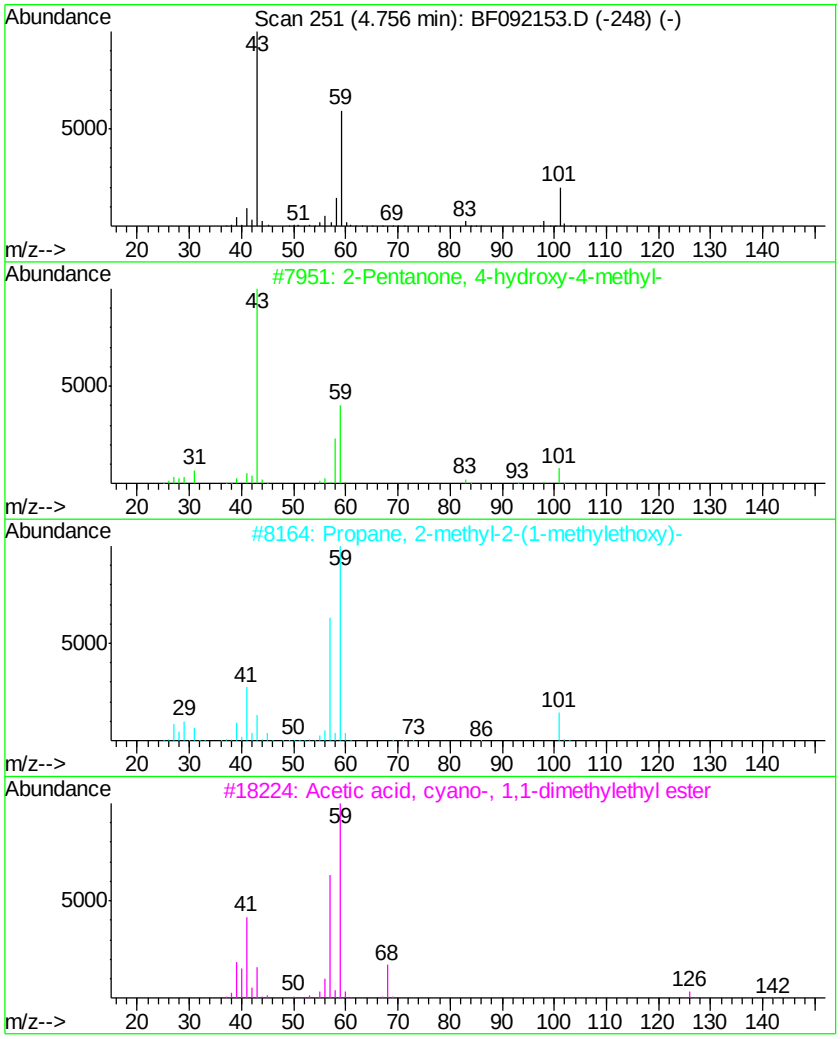
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

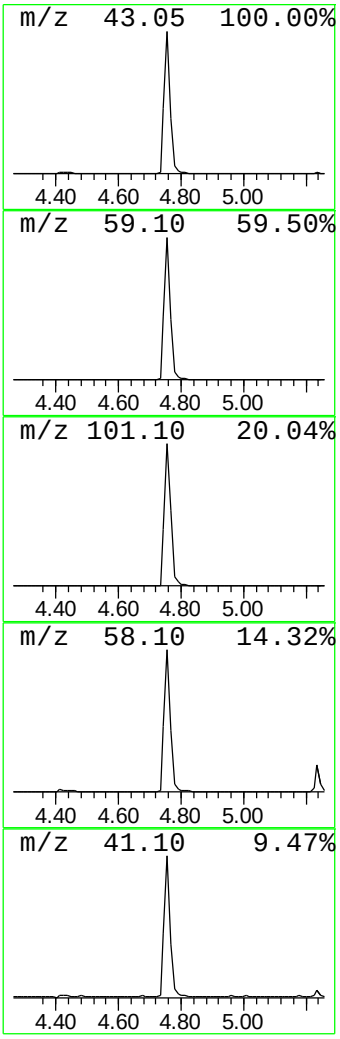
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	42.58 ng	1739720	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	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Acq On : 9 Jan 2017 22:23
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Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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

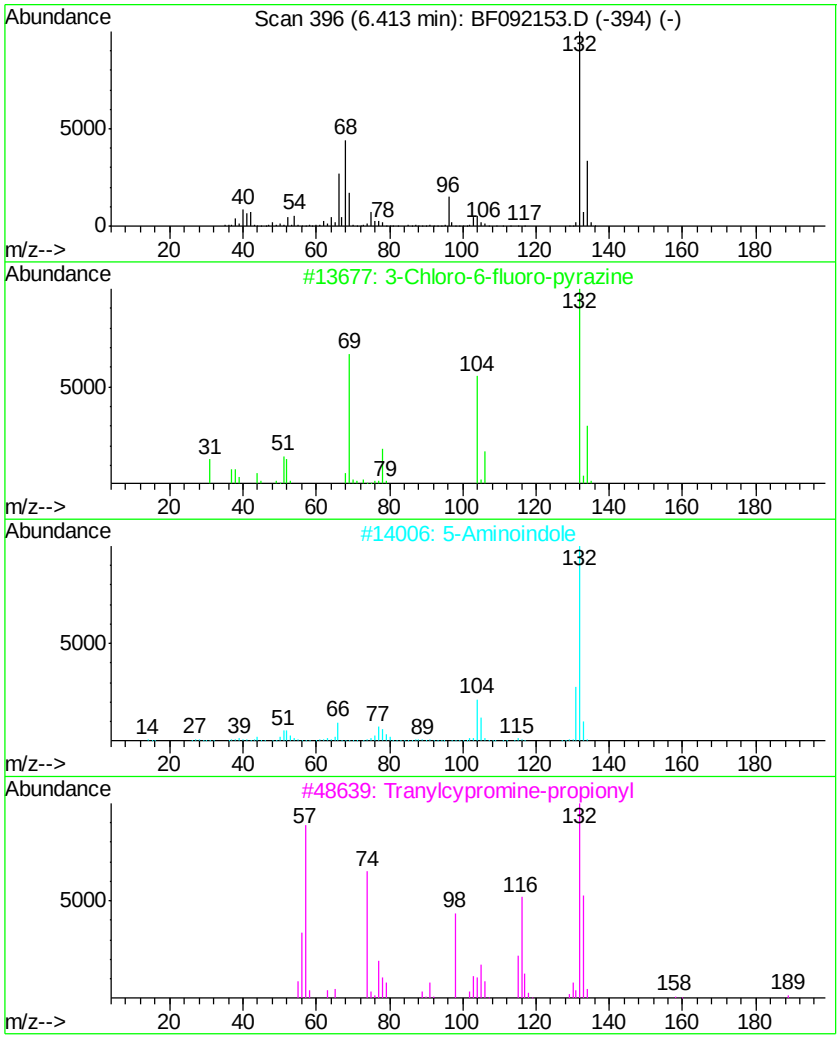
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

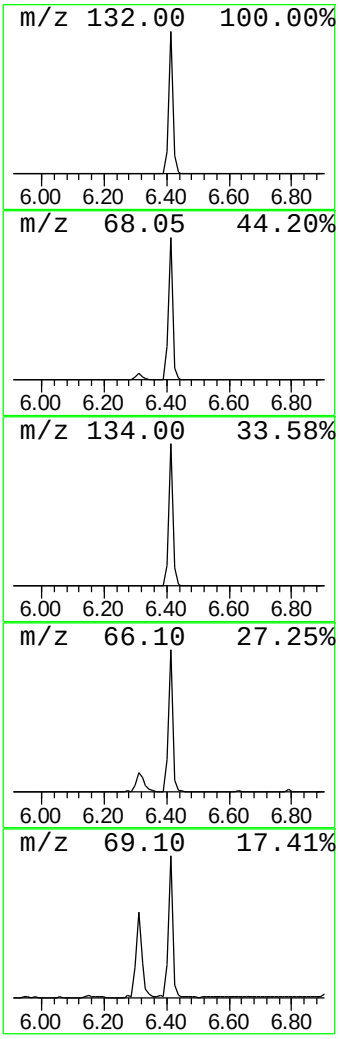
****

Peak Number 3 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	73.81 ng	3015470	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	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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

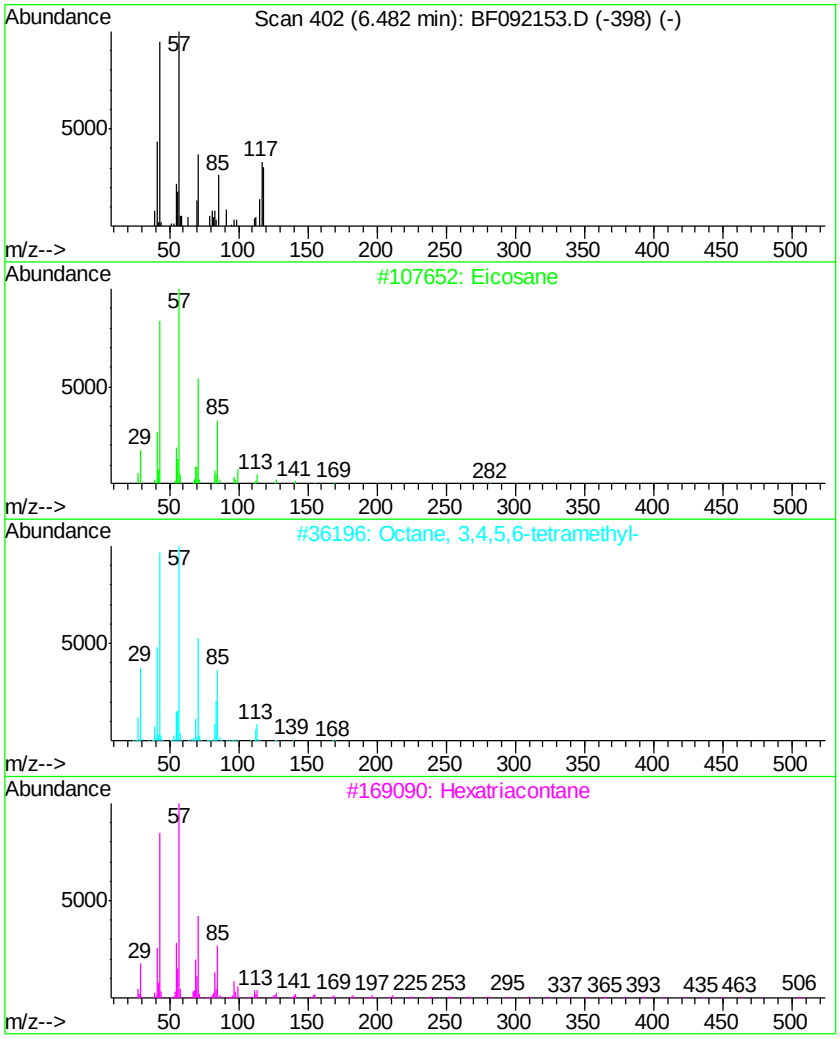
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

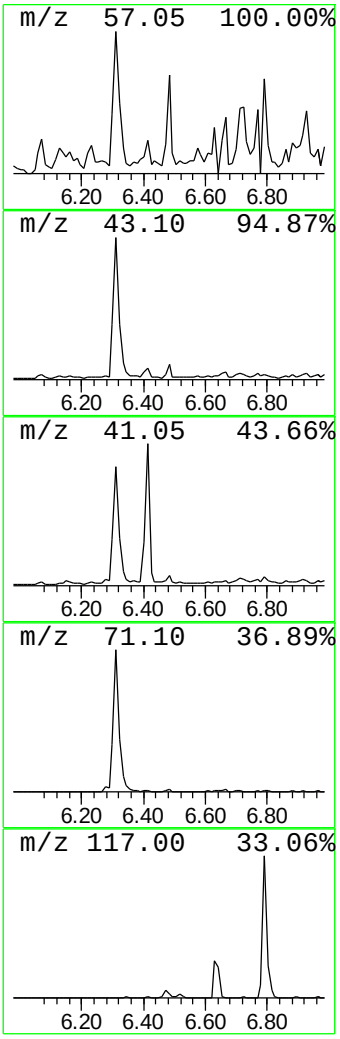
****

Peak Number 4 unknown6.48 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.25 ng	91946	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	43
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	35
3	Hexatriacontane	507	C36H74	000630-06-8	32
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	32
5	Decane	142	C10H22	000124-18-5	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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

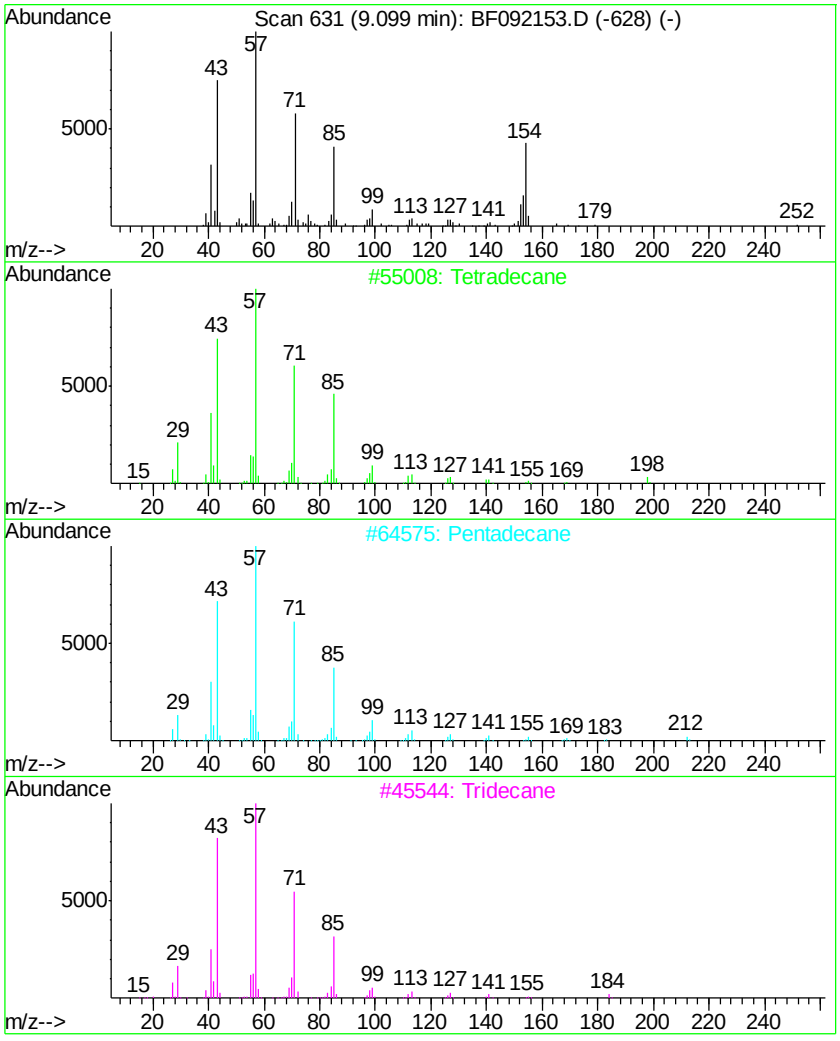
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

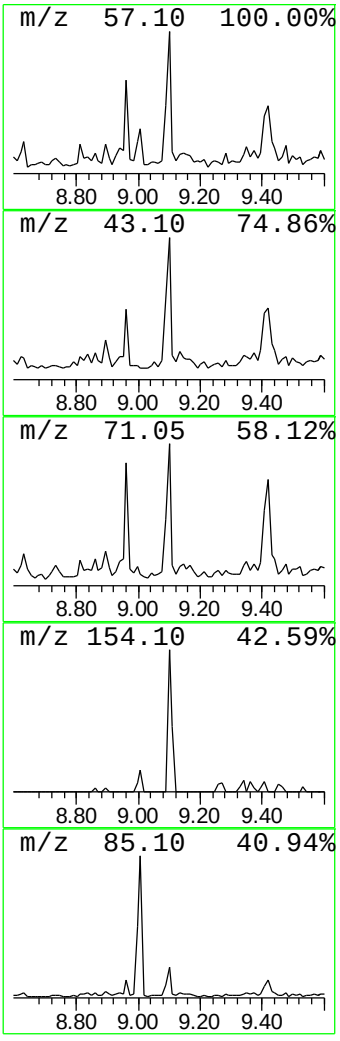
****

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	4.29 ng	225040	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	58
2	Pentadecane	212	C15H32	000629-62-9	52
3	Tridecane	184	C13H28	000629-50-5	49
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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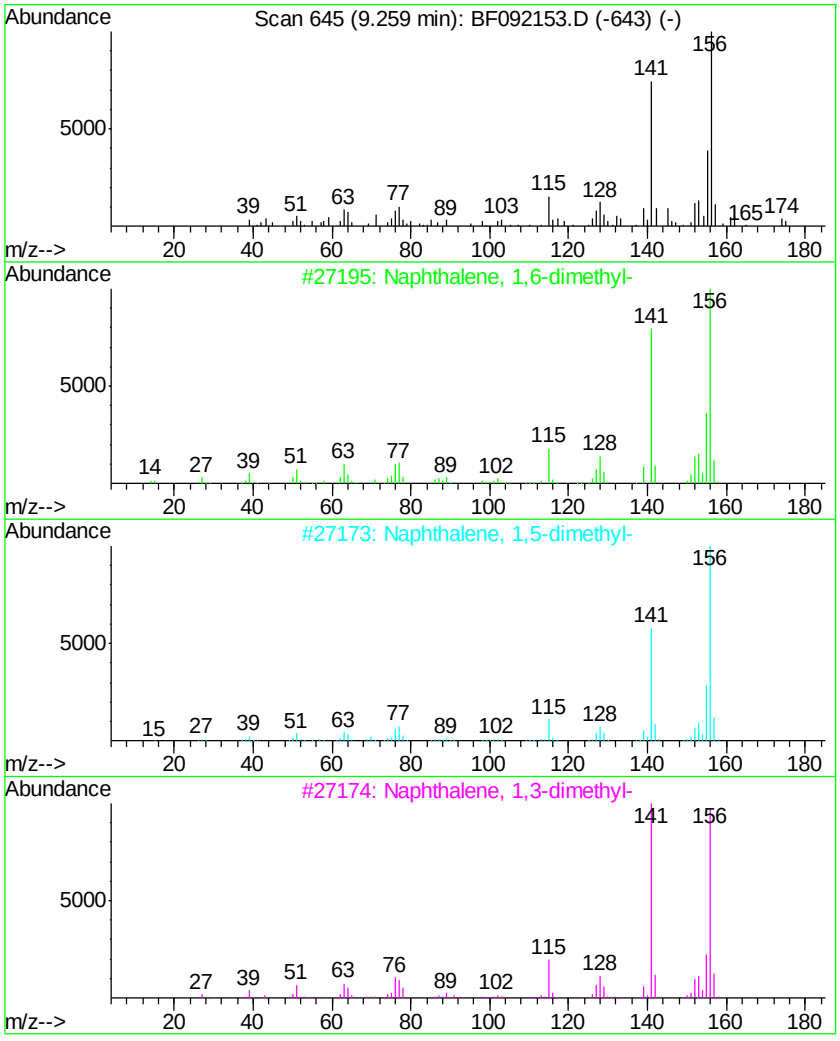
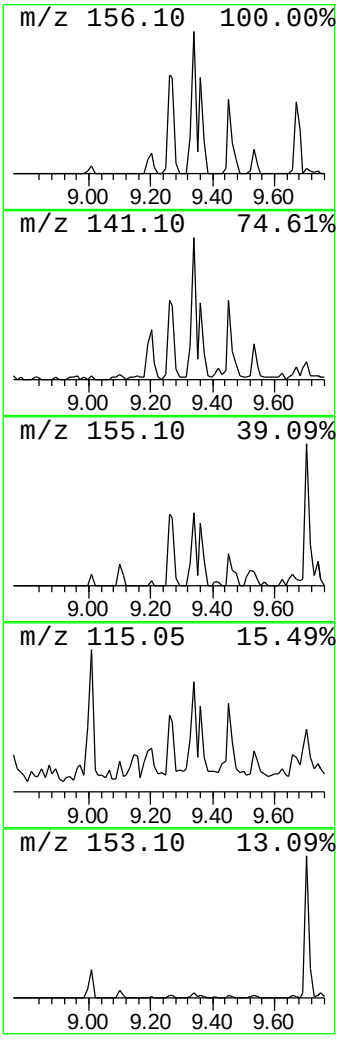
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	2.52 ng	132423	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Data File : BF092153.D
Acq On : 9 Jan 2017 22:23
Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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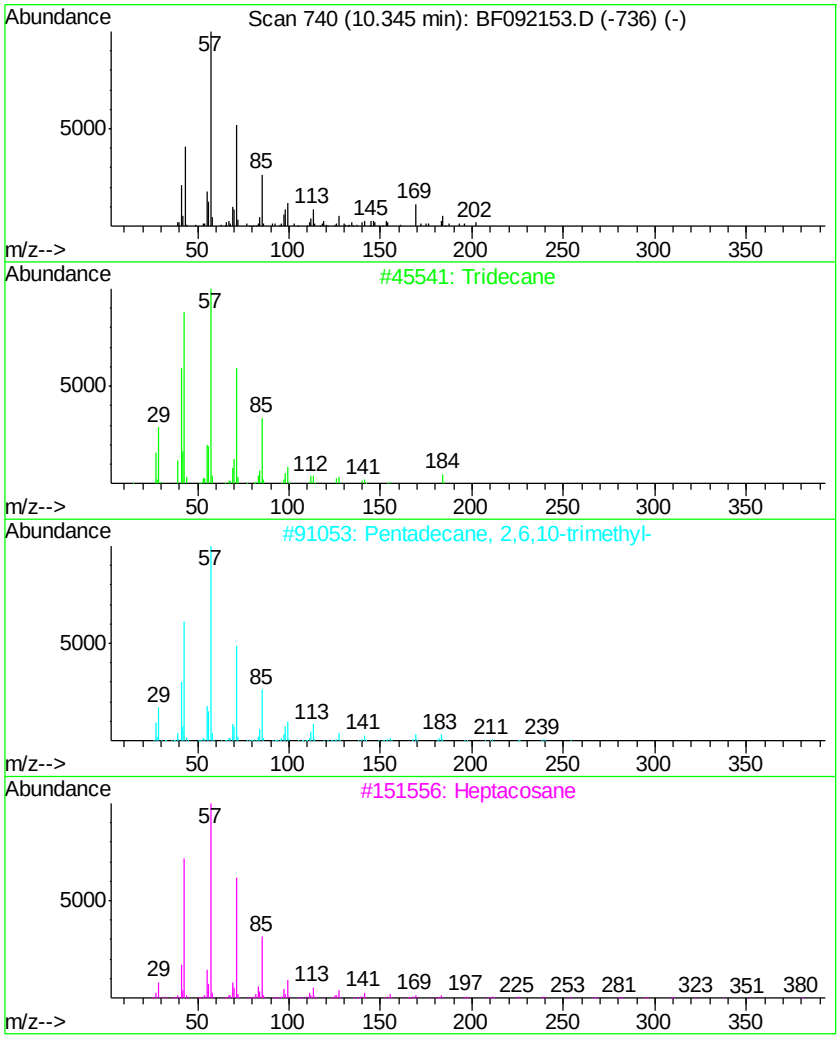
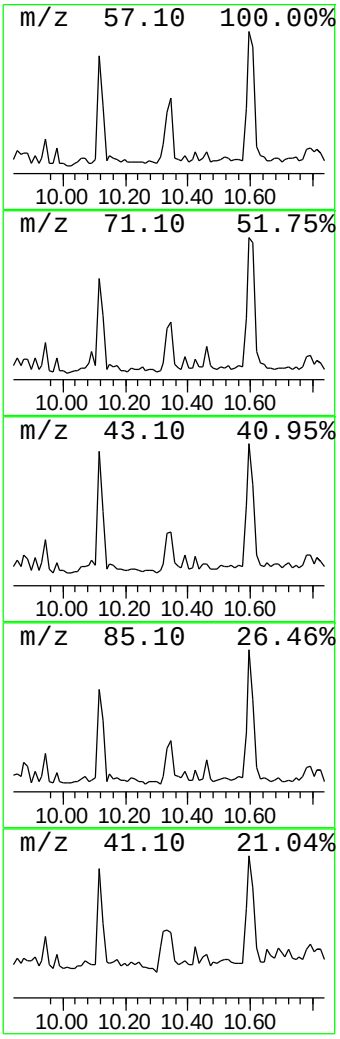
Peak Number 10 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	4.01 ng	210316	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Hexacosane	366	C26H54	000630-01-3	72





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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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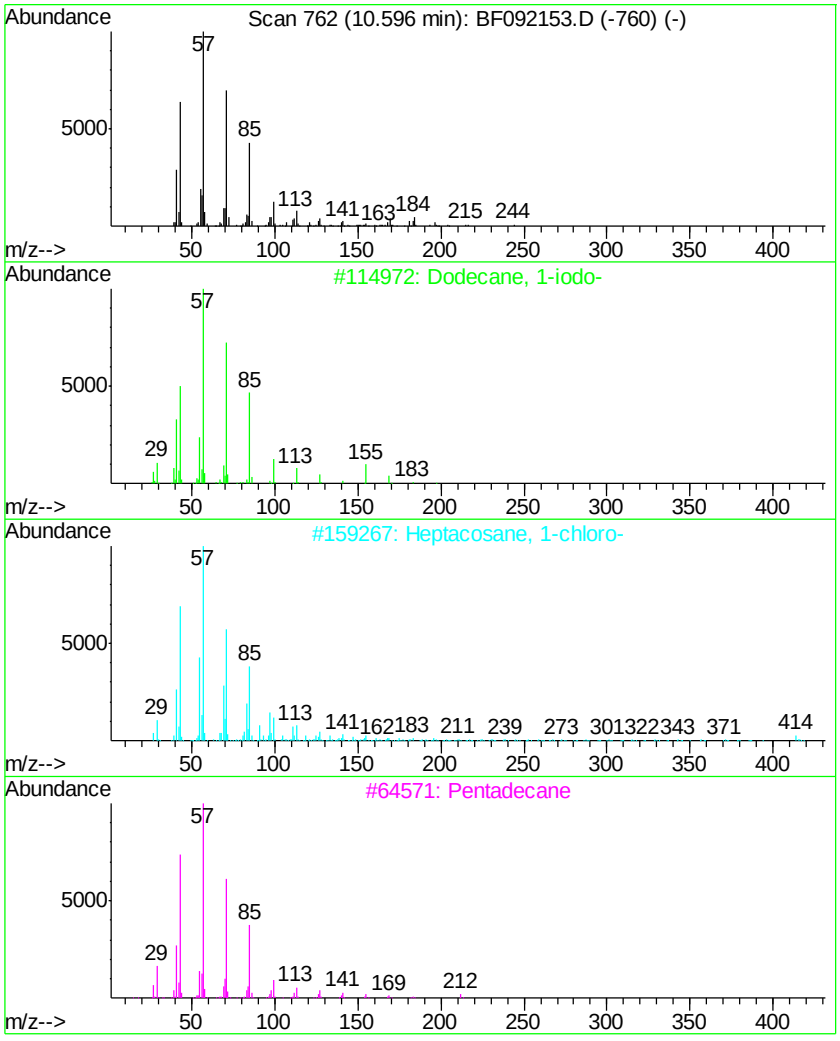
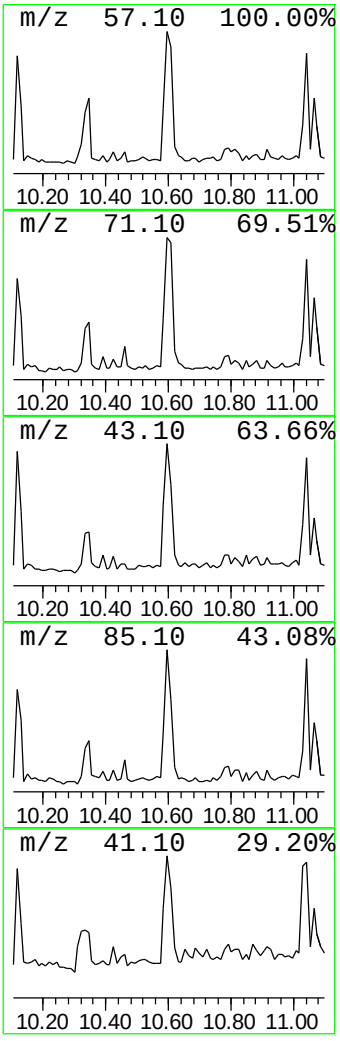
Peak Number 11 Dodecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.64 ng	360243	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : I1057-06
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP8

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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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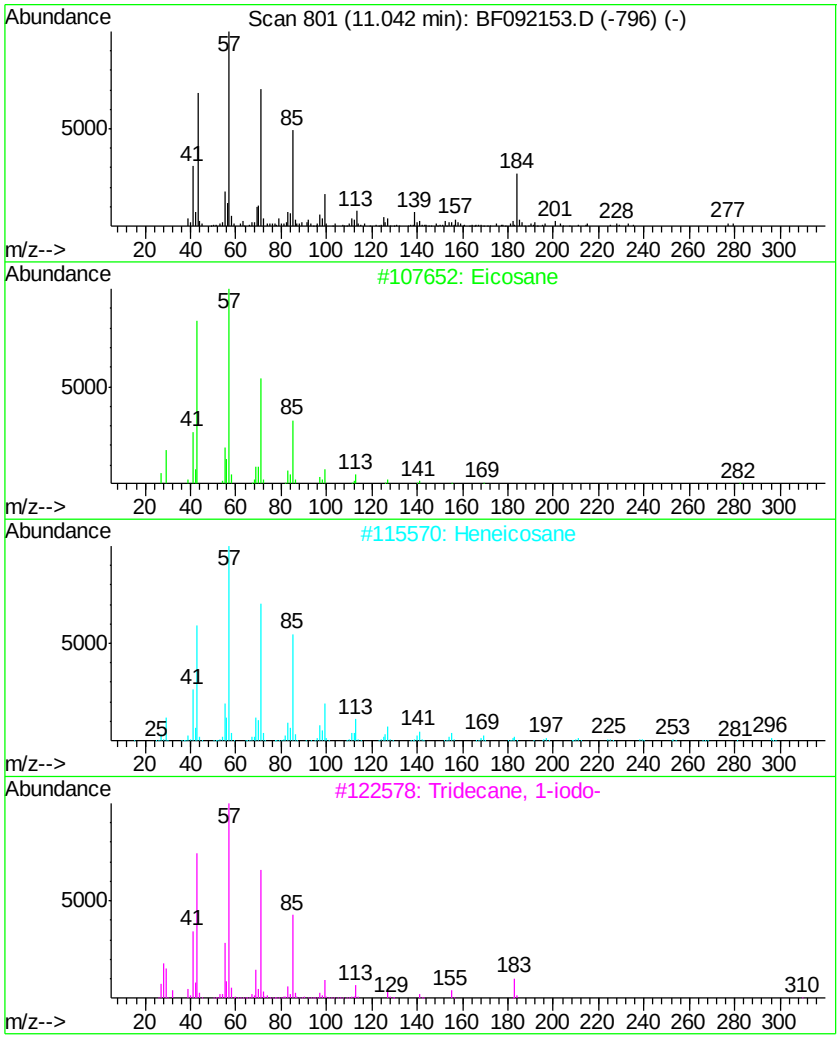
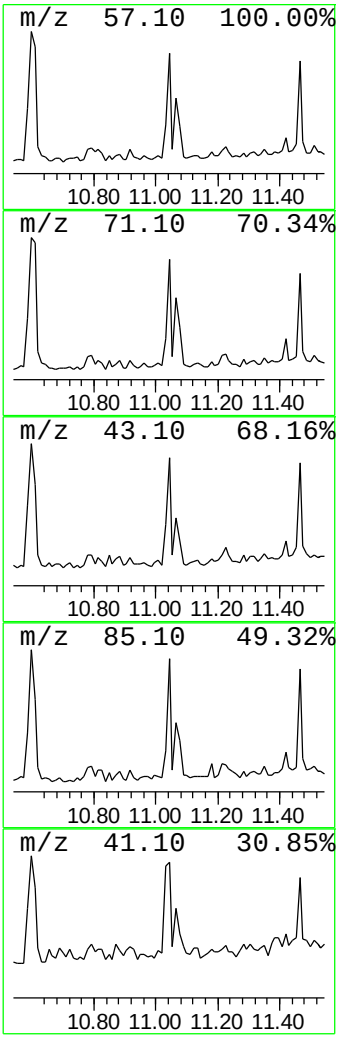
Peak Number 12 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	9.39 ng	509207	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	Heneicosane	296	C21H44	000629-94-7	68
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	52





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Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : P3-SP8

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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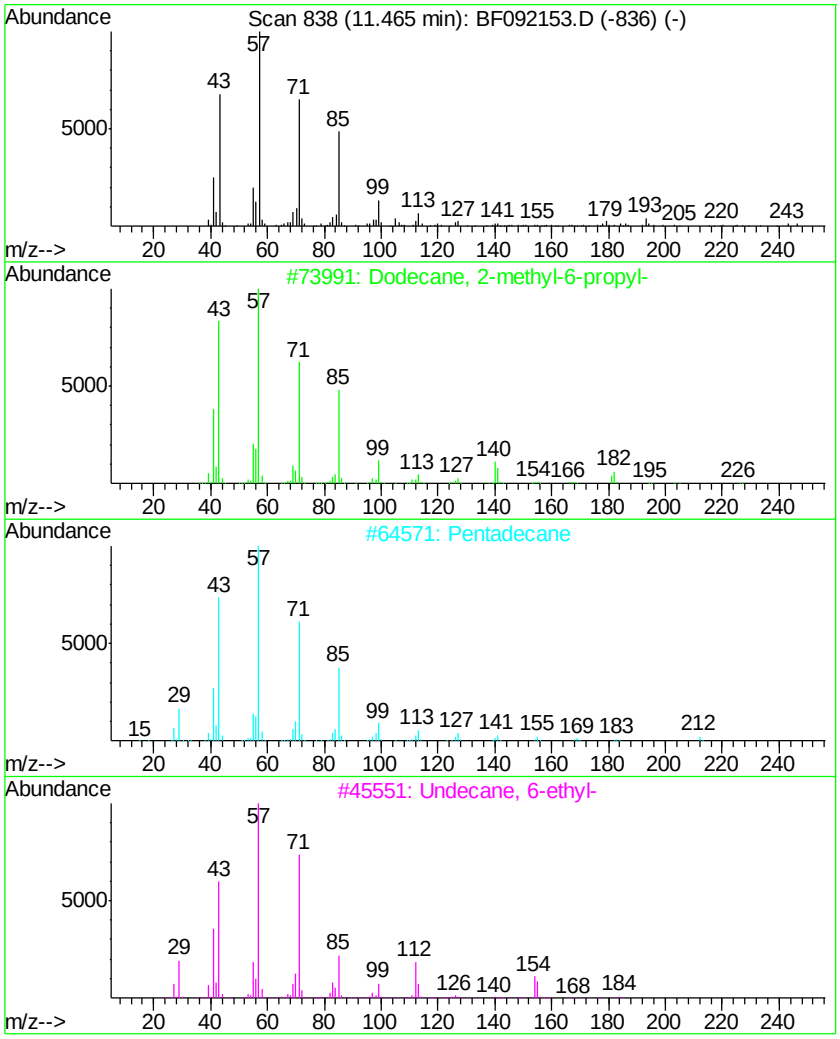
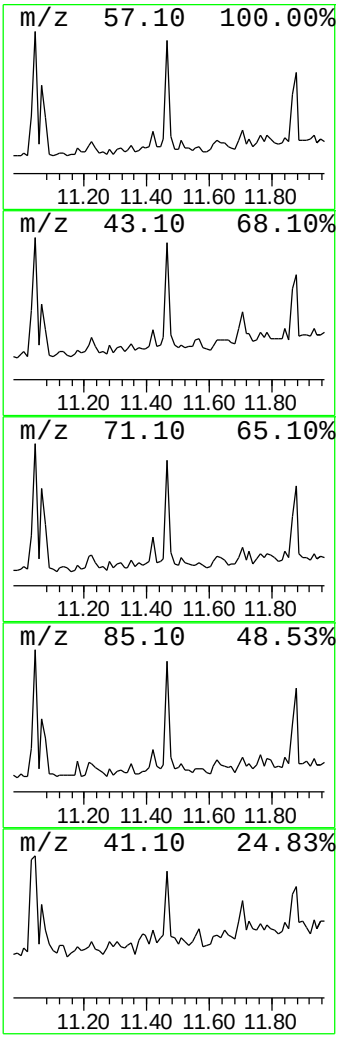
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	4.10 ng	222595	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Pentadecane	212	C15H32	000629-62-9	72
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	62
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
5	Decane	142	C10H22	000124-18-5	58





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Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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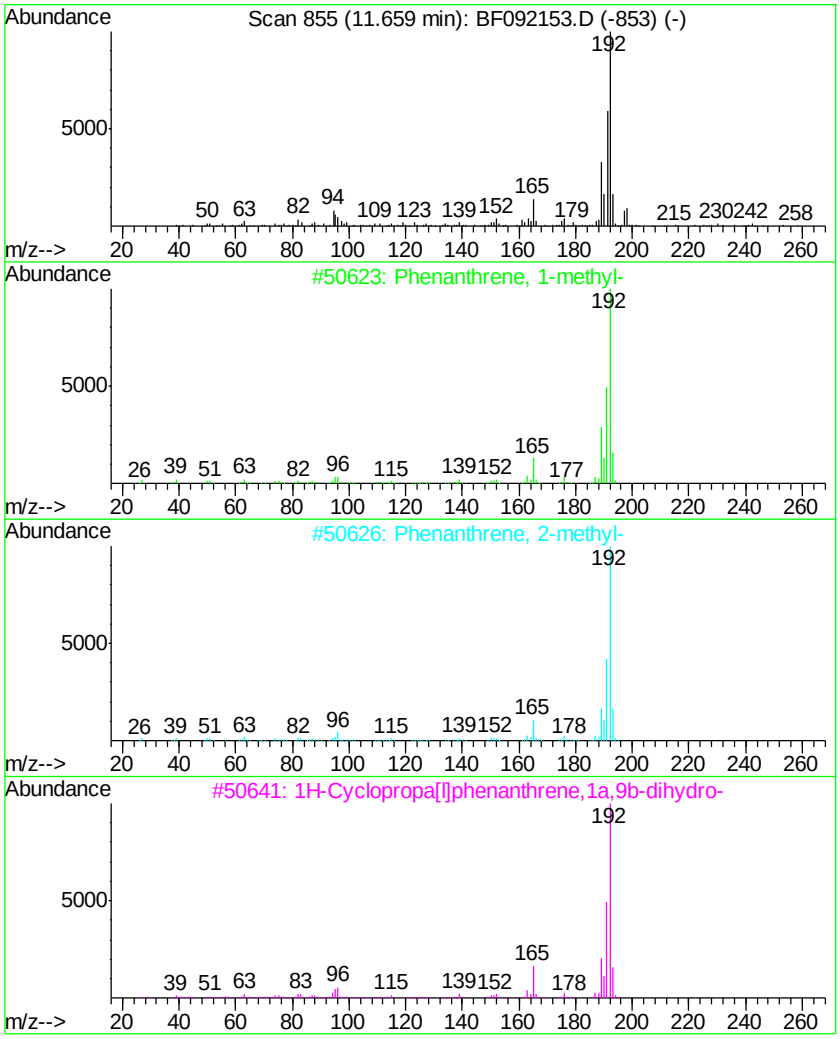
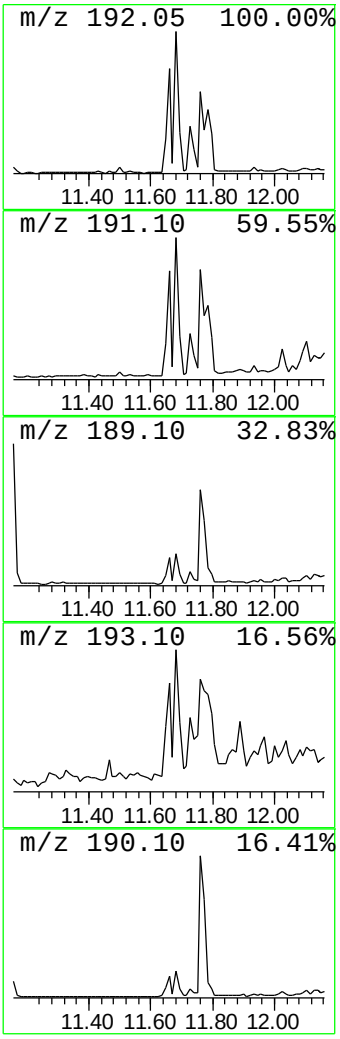
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.97 ng	160901	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP8

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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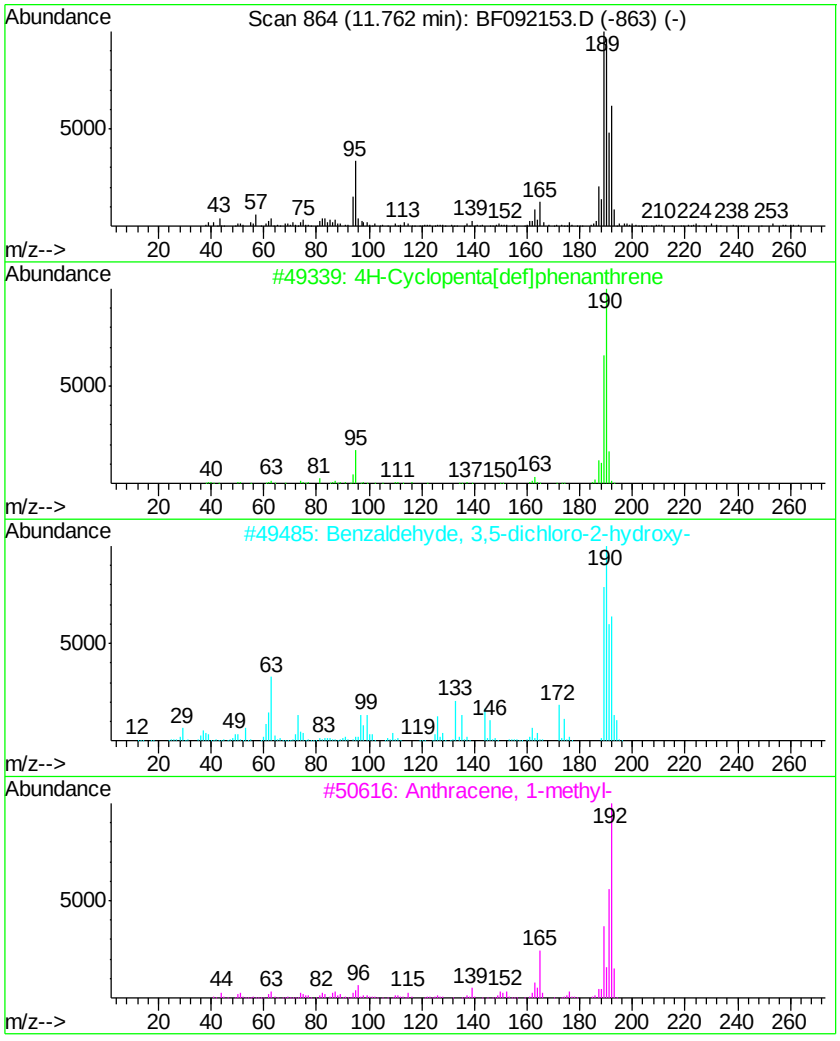
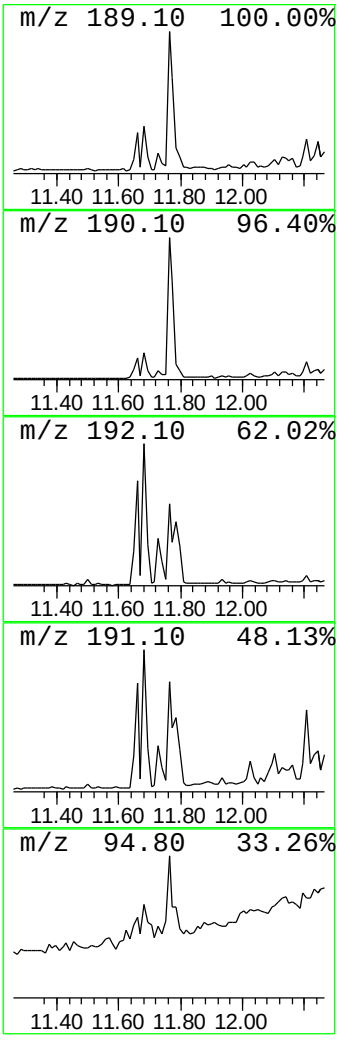
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	6.82 ng	369912	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





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Sample : I1057-06
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP8

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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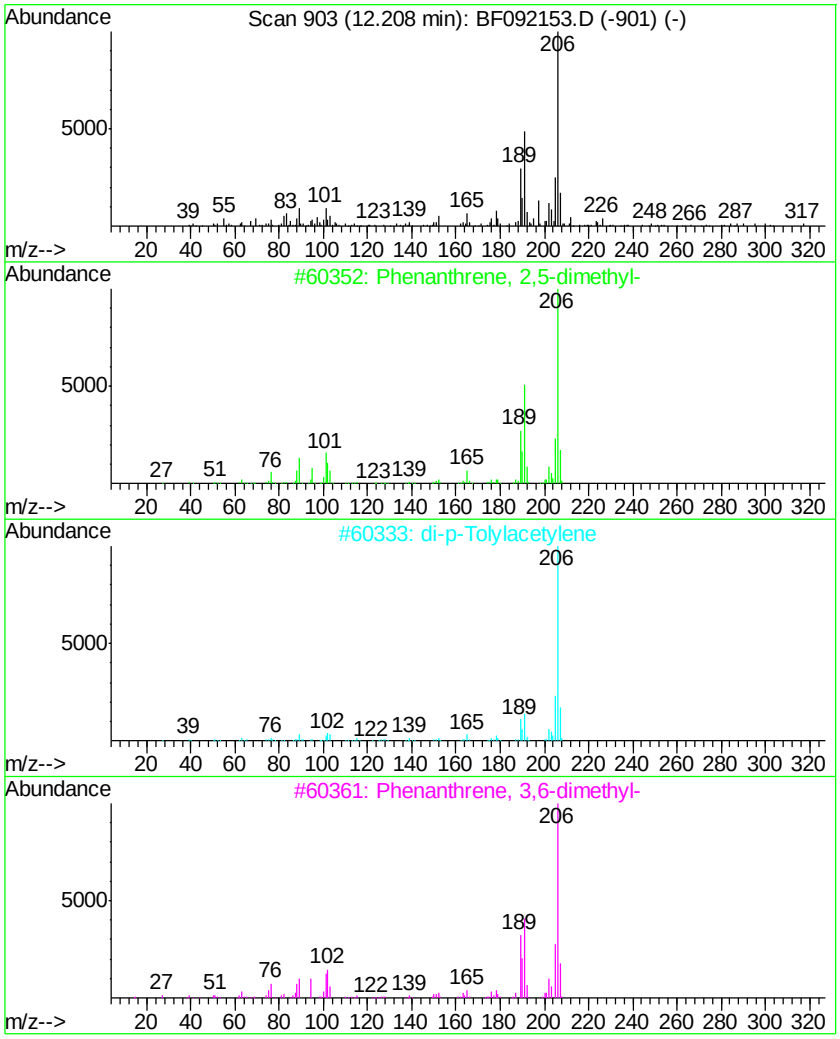
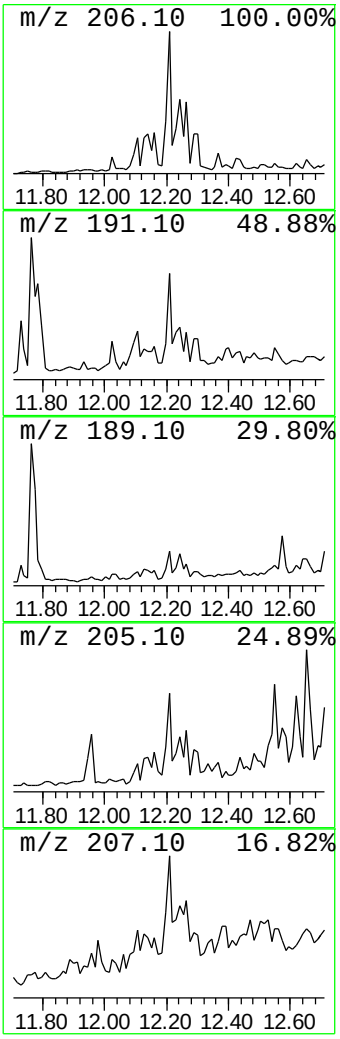
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.76 ng	149621	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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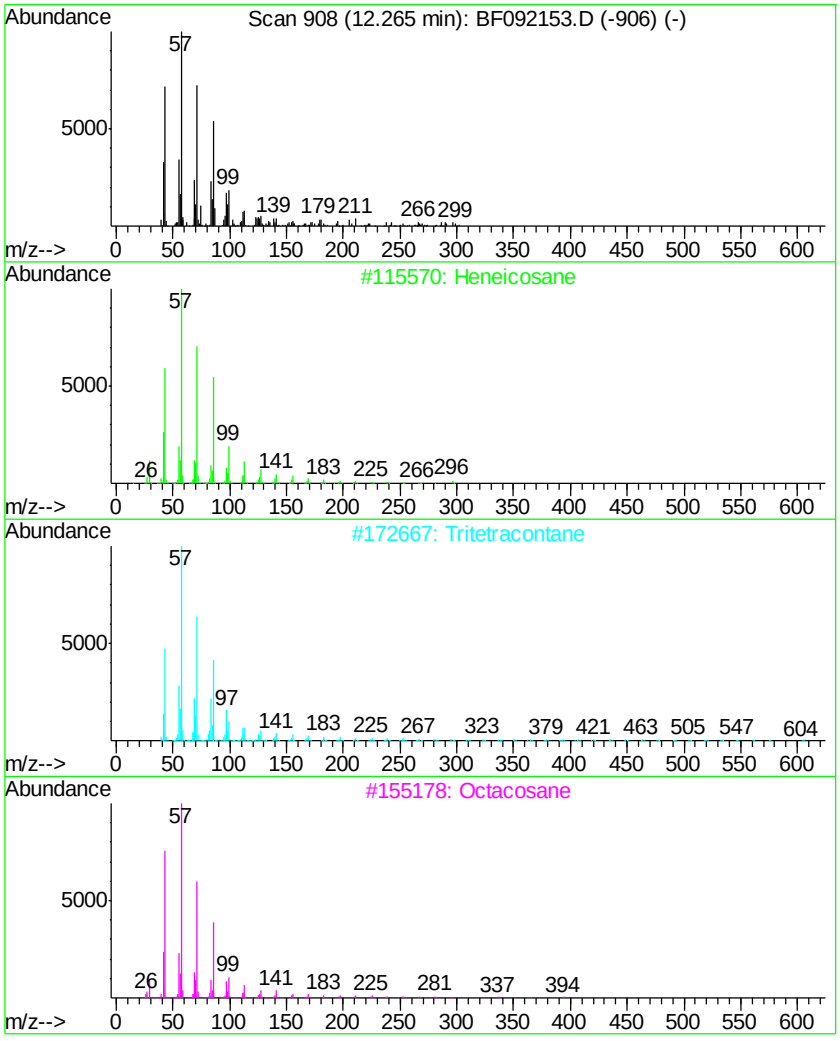
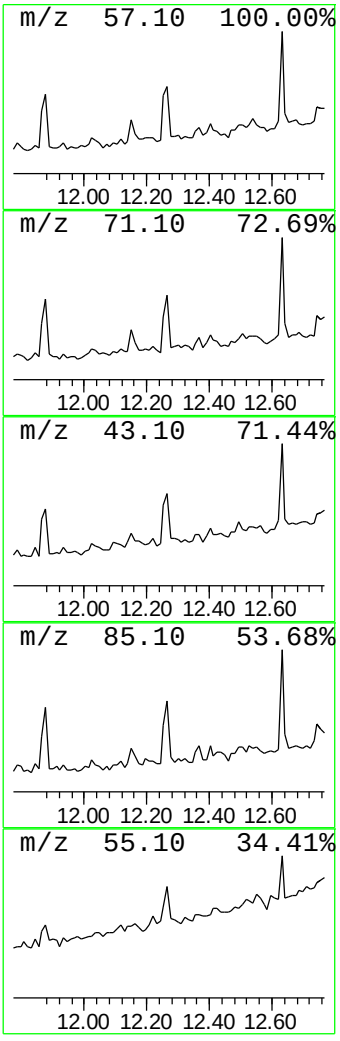
Peak Number 18 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.03 ng	164154	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tritetracontane	605	C43H88	007098-21-7	87
3	Octacosane	394	C28H58	000630-02-4	72
4	Nonadecane	268	C19H40	000629-92-5	70
5	Tridecane	184	C13H28	000629-50-5	70





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Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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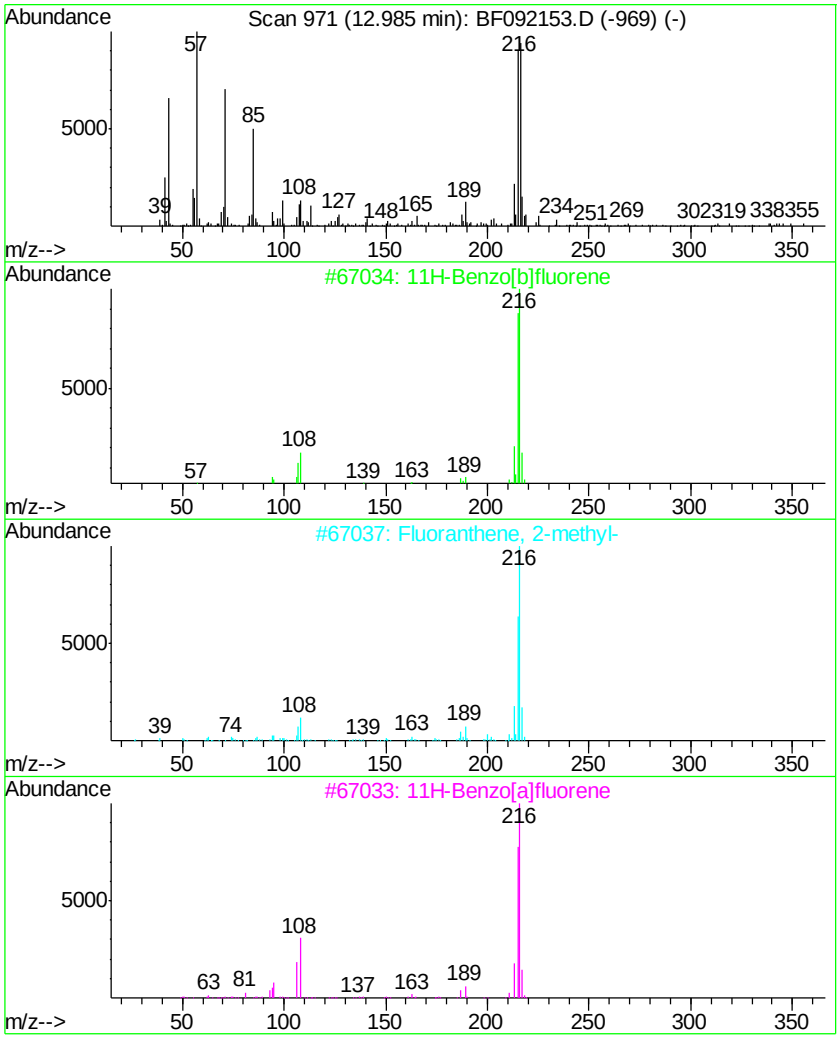
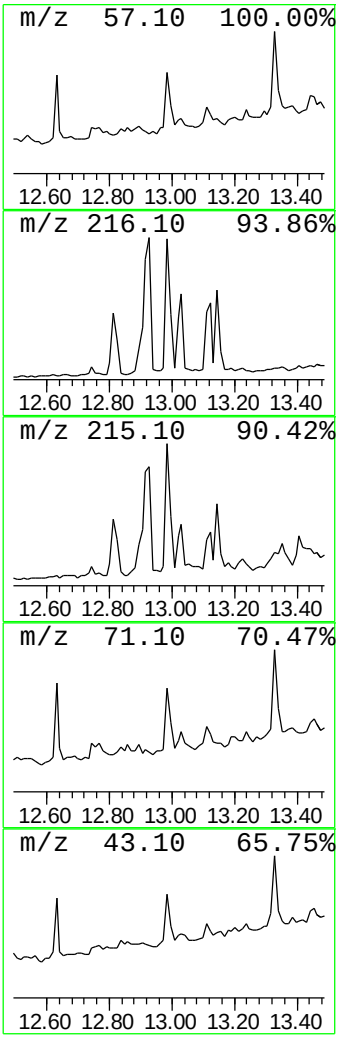
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.46 ng	262239	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	43





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Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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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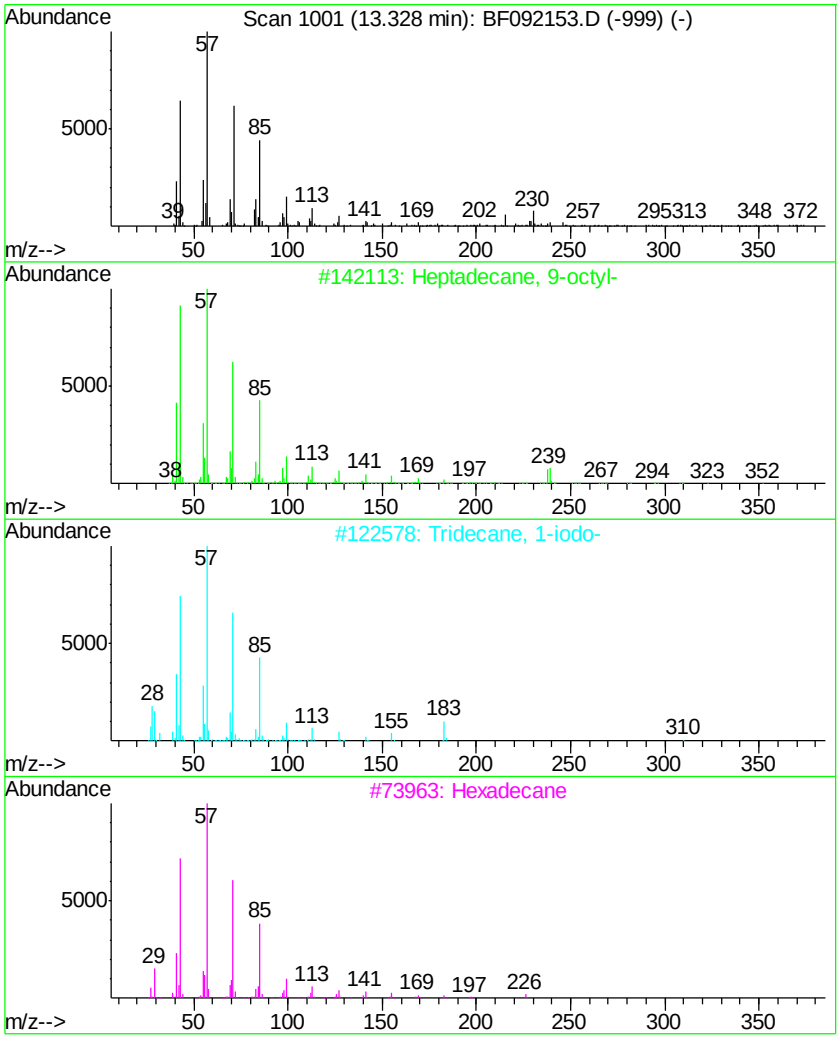
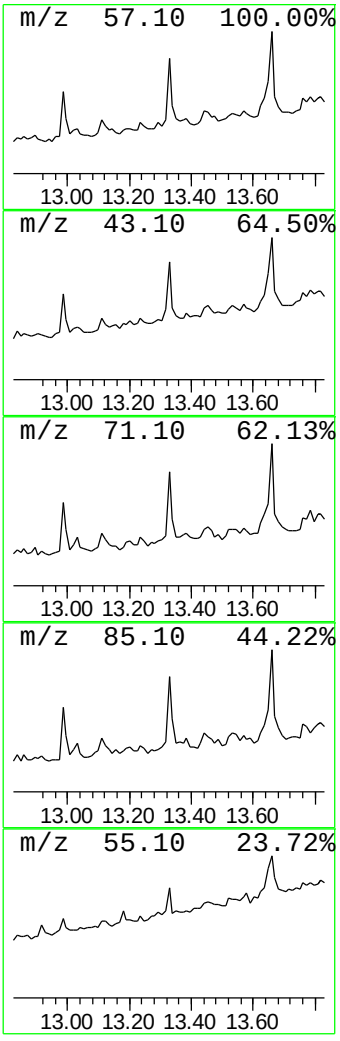
Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	4.78 ng	281362	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

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Data File : BF092153.D
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Operator : UM/SJ
Sample : I1057-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8

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
3-Penten-2-one, 4...	4.02	5.9	ng	240322	1	6.64	817077	20.0
2-Pentanone, 4-hy...	4.76	42.6	ng	1739720	1	6.64	817077	20.0
unknown6.41	6.41	73.8	ng	3015470	1	6.64	817077	20.0
unknown6.48	6.48	2.3	ng	91946	1	6.64	817077	20.0
Tetradecane	9.10	4.3	ng	225040	3	9.67	1049370	20.0
Naphthalene, 1,6-...	9.26	2.5	ng	132423	3	9.67	1049370	20.0
Tridecane	10.34	4.0	ng	210316	3	9.67	1049370	20.0
Dodecane, 1-iodo-	10.60	6.6	ng	360243	4	11.16	1084590	20.0
Eicosane	11.04	9.4	ng	509207	4	11.16	1084590	20.0
Dodecane, 2-methy...	11.47	4.1	ng	222595	4	11.16	1084590	20.0
Phenanthrene, 1-m...	11.66	3.0	ng	160901	4	11.16	1084590	20.0
4H-Cyclopenta[def...	11.76	6.8	ng	369912	4	11.16	1084590	20.0
Phenanthrene, 2,5...	12.21	2.8	ng	149621	4	11.16	1084590	20.0
Heneicosane	12.27	3.0	ng	164154	4	11.16	1084590	20.0
11H-Benzo[b]fluorene	12.99	4.5	ng	262239	5	13.79	1177110	20.0
Heptadecane, 9-oc...	13.33	4.8	ng	281362	5	13.79	1177110	20.0