LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093189.D
Acq On : 25 Feb 2017 13:32
Operator : SJ/MA
Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.001	252	255	261	rVB	1252653	1695703	40.30%	2.460%
2	5.436	290	293	295	rBV	3489298	3934824	93.51%	5.708%
3	6.270	362	366	368	rBV	160700	250009	5.94%	0.363%
4	6.487	382	385	387	rBV	3221025	4208098	100.00%	6.105%
5	6.601	393	395	398	rVB	3257306	3523100	83.72%	5.111%
6	6.659	398	400	403	rVB2	69820	117155	2.78%	0.170%
7	6.830	413	415	419	rVB	962705	940363	22.35%	1.364%
8	6.990	427	429	432	rBV	3109653	2837449	67.43%	4.116%
9	7.230	447	450	453	rBV3	51603	90747	2.16%	0.132%
10	7.402	463	465	467	rBV	1689488	2314177	54.99%	3.357%
11	7.436	467	468	470	rVB	116205	95688	2.27%	0.139%
12	7.927	508	511	515	rVB5	32419	88717	2.11%	0.129%
13	8.122	525	528	532	rBV2	1021403	1638175	38.93%	2.376%
14	8.190	532	534	538	rVB2	105592	118848	2.82%	0.172%
15	8.499	557	561	563	rBV4	38959	92529	2.20%	0.134%
16	8.544	563	565	568	rBV	140479	192141	4.57%	0.279%
17	8.716	577	580	583	rVB2	148459	152681	3.63%	0.221%
18	8.842	587	591	593	rVB	267892	265759	6.32%	0.386%
19	8.933	598	599	601	rVB	164963	162740	3.87%	0.236%
20	9.150	616	618	620	rVB	107267	87219	2.07%	0.127%
21	9.207	620	623	625	rBV	3953311	3827866	90.96%	5.553%
22	9.287	627	630	635	rBV2	160382	280581	6.67%	0.407%
23	9.470	643	646	648	rBV	106211	143403	3.41%	0.208%
24	9.539	648	652	653	rBV	190684	202795	4.82%	0.294%
25	9.562	653	654	655	rVV	99429	91838	2.18%	0.133%
26	9.596	655	657	661	rVB2	394651	555273	13.20%	0.806%
27	9.653	661	662	667	rVB2	91031	132321	3.14%	0.192%
28	9.745	667	670	672	rBV	535074	543088	12.91%	0.788%
29	9.813	674	676	678	rVB	224831	185026	4.40%	0.268%
30	9.882	678	682	684	rBV	1226485	1243904	29.56%	1.805%
31	9.985	689	691	693	rBV	66978	87256	2.07%	0.127%
32	10.088	697	700	702	rVB	172216	200125	4.76%	0.290%
33	10.122	702	703	706	rVB3	70965	89763	2.13%	0.130%
34	10.190	708	709	711	rBV	67464	103125	2.45%	0.150%

LSC Area Percent Report

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Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.282	715	717	718	rBV	159513	161443	3.84%	0.234%
36	10.305	718	719	721	rVB2	141928	181752	4.32%	0.264%
37	10.419	728	729	733	rVB3	123374	203618	4.84%	0.295%
38	10.533	736	739	742	rVV	154977	224397	5.33%	0.326%
39	10.579	742	743	745	rVV	88177	98613	2.34%	0.143%
40	10.670	747	751	753	rVV	1685541	1685073	40.04%	2.444%
41	10.796	756	762	764	rBV	444409	670592	15.94%	0.973%
42	10.979	775	778	779	rBV2	69507	98325	2.34%	0.143%
43	11.105	787	789	793	rBV2	103541	233470	5.55%	0.339%
44	11.173	793	795	797	rVV	196390	189481	4.50%	0.275%
45	11.230	797	800	801	rVV2	312101	317898	7.55%	0.461%
46	11.265	801	803	806	rVB	153298	205370	4.88%	0.298%
47	11.368	810	812	813	rBV	897659	1053916	25.04%	1.529%
48	11.390	813	814	816	rVV	1299074	935630	22.23%	1.357%
49	11.436	816	818	820	rVB	505518	544871	12.95%	0.790%
50	11.470	820	821	823	rBV	86006	99428	2.36%	0.144%
51	11.596	829	832	836	rBV2	216134	417851	9.93%	0.606%
52	11.653	836	837	839	rVV2	262373	242752	5.77%	0.352%
53	11.699	839	841	844	rVB2	99607	120445	2.86%	0.175%
54	11.871	853	856	857	rBV	198460	267974	6.37%	0.389%
55	11.893	857	858	860	rVB	407850	325013	7.72%	0.471%
56	11.939	860	862	864	rBV2	153712	225314	5.35%	0.327%
57	11.973	864	865	870	rVB	373312	628682	14.94%	0.912%
58	12.065	870	873	875	rBV2	237824	319326	7.59%	0.463%
59	12.156	879	881	883	rVV3	139923	216980	5.16%	0.315%
60	12.191	883	884	887	rVB	208948	180304	4.28%	0.262%
61	12.316	892	895	896	rBV2	86339	163344	3.88%	0.237%
62	12.339	896	897	898	rBV	108341	104599	2.49%	0.152%
63	12.419	901	904	905	rBV	268271	340065	8.08%	0.493%
64	12.453	905	907	910	rVB3	290728	377419	8.97%	0.548%
65	12.511	910	912	914	rVB	216275	282042	6.70%	0.409%
66	12.579	915	918	920	rBV	2302026	2313258	54.97%	3.356%
67	12.625	920	922	925	rVB2	83516	114924	2.73%	0.167%
68	12.671	925	926	928	rBV	239991	247834	5.89%	0.360%
69	12.728	928	931	932	rBV3	98418	159787	3.80%	0.232%
70	12.808	934	938	941	rBV	2008530	2423137	57.58%	3.515%
71	12.956	948	951	953	rVB	1963271	2472642	58.76%	3.587%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.025	954	957	961	rBV4	270805	591635	14.06%	0.858%
73	13.139	963	967	968	rVB2	401369	683401	16.24%	0.991%
74	13.208	968	973	974	rBV2	192280	436866	10.38%	0.634%
75	13.242	974	976	978	rVB	388203	401256	9.54%	0.582%
76	13.334	982	984	985	rBV	259650	205993	4.90%	0.299%
77	13.368	985	987	988	rBV	139474	161433	3.84%	0.234%
78	13.539	998	1002	1007	rBV5	127305	493143	11.72%	0.715%
79	13.654	1010	1012	1014	rVB	391458	499116	11.86%	0.724%
80	13.756	1019	1021	1022	rBV	398091	410990	9.77%	0.596%
81	13.859	1028	1030	1032	rVB2	481571	561274	13.34%	0.814%
82	14.008	1040	1043	1044	rBV2	1607142	2676075	63.59%	3.882%
83	14.042	1044	1046	1048	rVB	1063824	1381528	32.83%	2.004%
84	14.156	1055	1056	1061	rVB5	203587	401693	9.55%	0.583%
85	14.236	1061	1063	1065	rBV3	123175	220523	5.24%	0.320%
86	14.362	1072	1074	1075	rBV	132074	146701	3.49%	0.213%
87	14.397	1075	1077	1079	rVV	419258	474432	11.27%	0.688%
88	14.431	1079	1080	1082	rVV2	221222	242425	5.76%	0.352%
89	14.477	1082	1084	1086	rVV3	198533	357977	8.51%	0.519%
90	14.522	1086	1088	1091	rVB3	205576	326657	7.76%	0.474%
91	14.888	1118	1120	1123	rVB2	162113	286247	6.80%	0.415%
92	15.048	1130	1134	1137	rBV	1414906	3079659	73.18%	4.468%
93	15.139	1141	1142	1144	rVB	313274	357095	8.49%	0.518%
94	15.334	1156	1159	1162	rVB	912011	1182028	28.09%	1.715%
95	15.391	1162	1164	1167	rVB	931531	1246356	29.62%	1.808%
96	15.448	1167	1169	1171	rBV	507274	767380	18.24%	1.113%
97	15.871	1204	1206	1208	rVB	126731	173601	4.13%	0.252%
98	16.500	1259	1261	1264	rBV3	95540	183783	4.37%	0.267%
99	16.865	1289	1293	1297	rBV	483260	975668	23.19%	1.415%
100	17.300	1327	1331	1336	rVB	304141	668430	15.88%	0.970%

Sum of corrected areas: 68933420

LSC Report - Integrated Chromatogram

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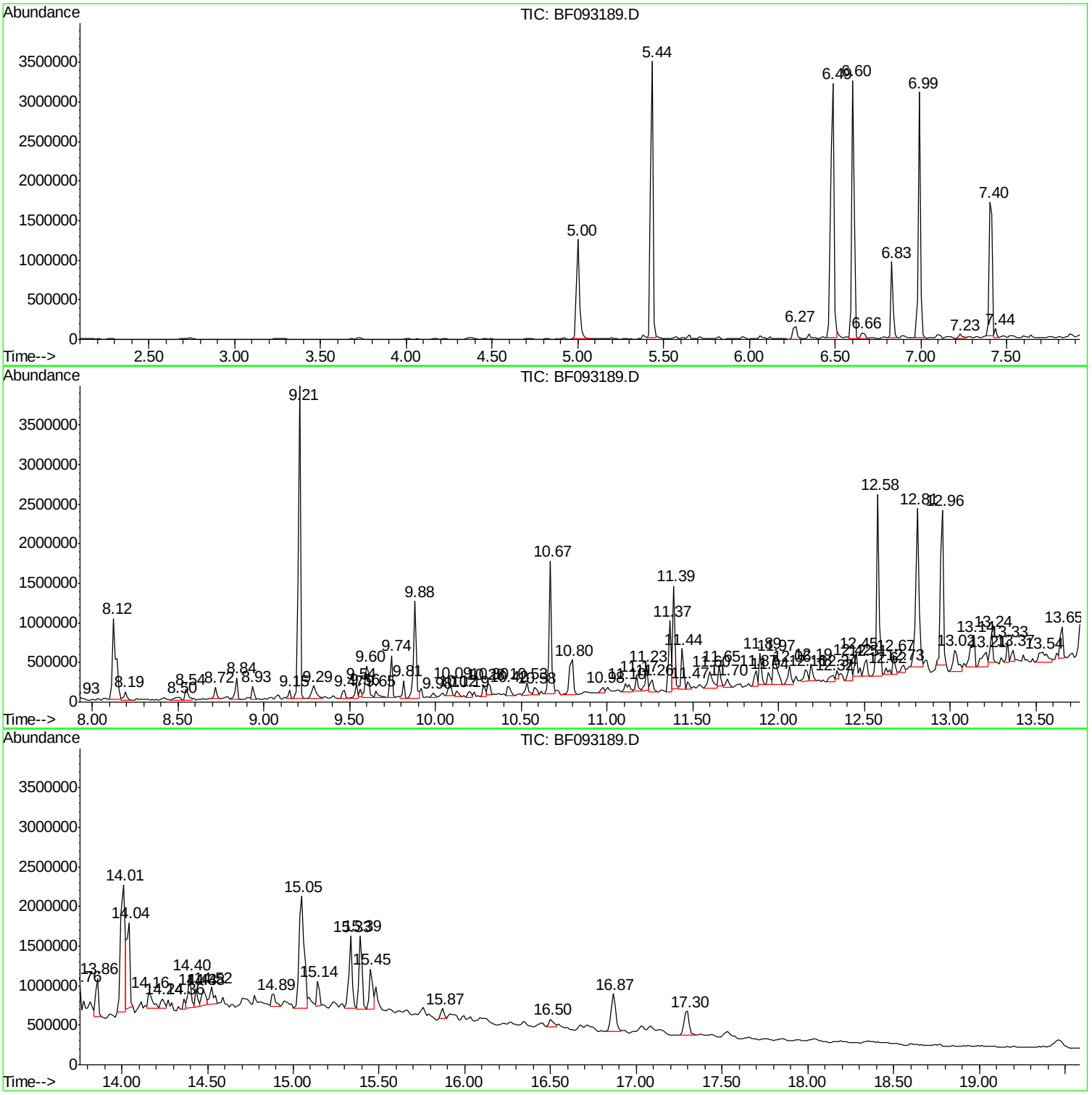
Operator : SJ/MA
Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

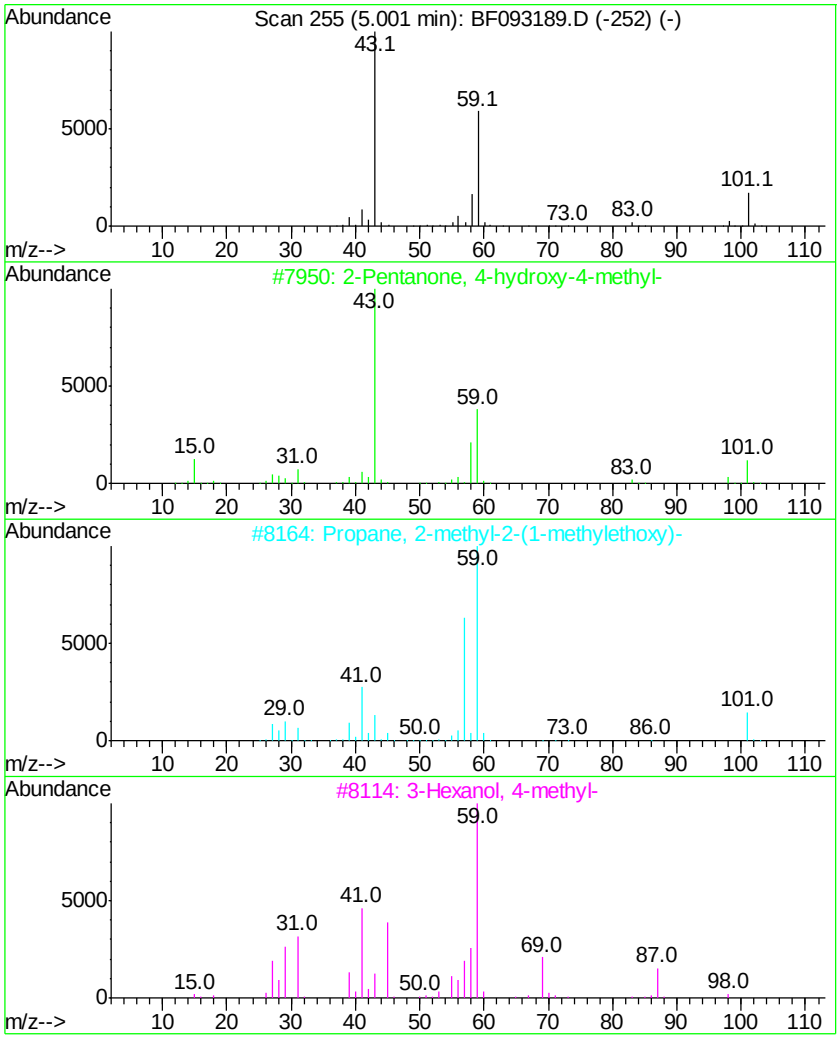
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

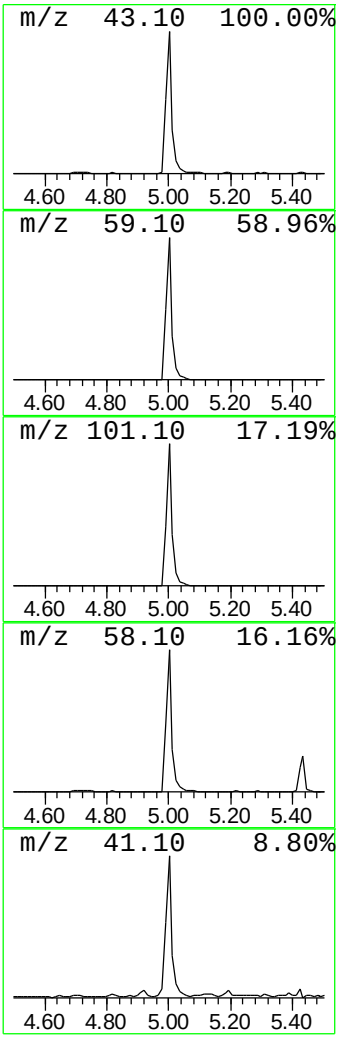
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	36.06 ng	1695700	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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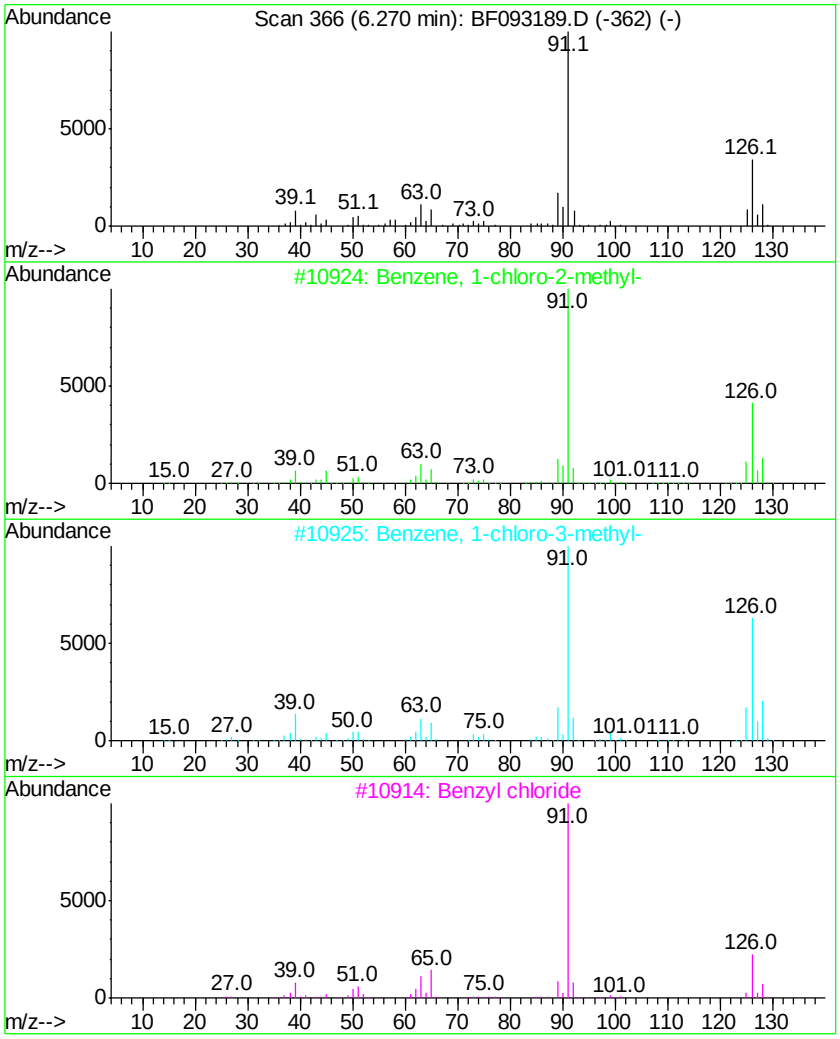
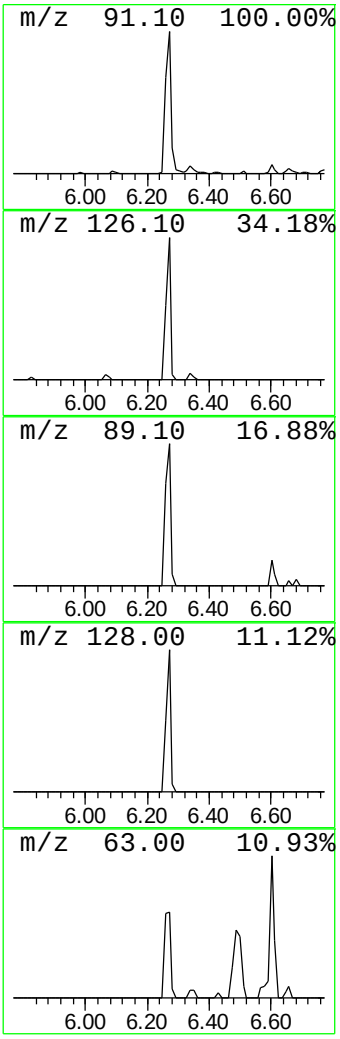
****

Peak Number 2 Benzene, 1-chloro-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	5.32 ng	250009	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
3	Benzyl chloride	126	C7H7Cl	000100-44-7	87
4	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	81
5	2-(3-Chlorophenyl)ethylamine	155	C8H10ClN	013078-79-0	35





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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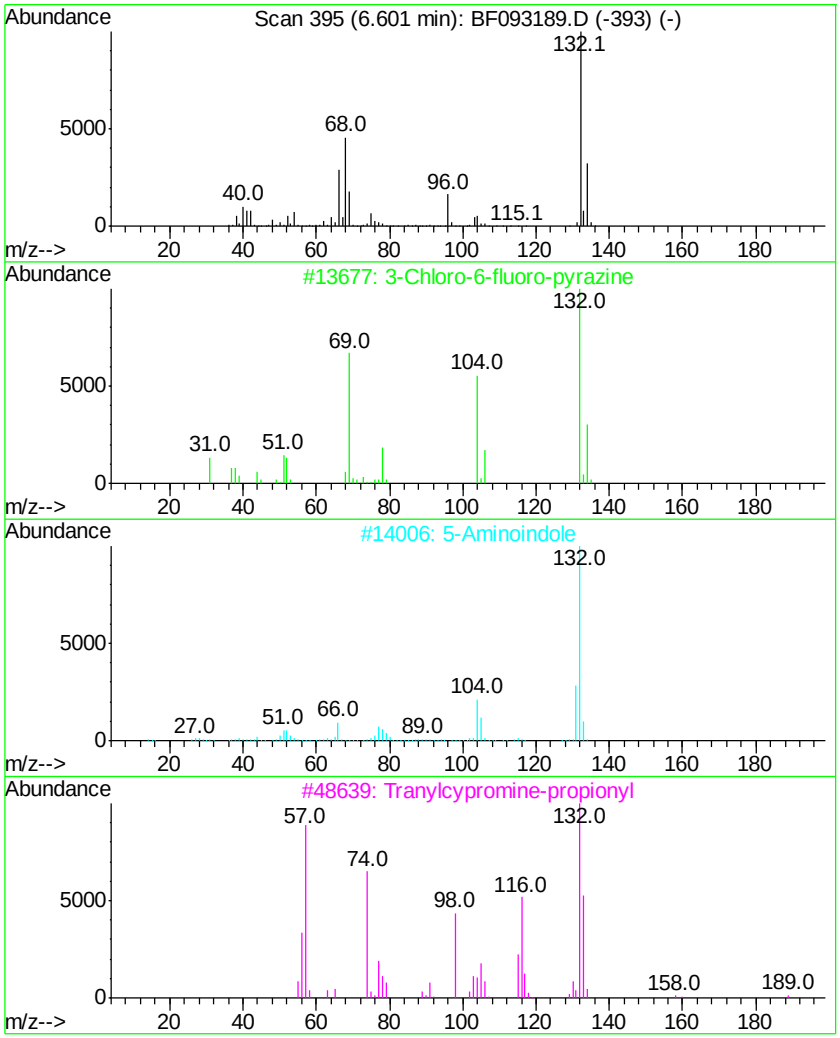
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

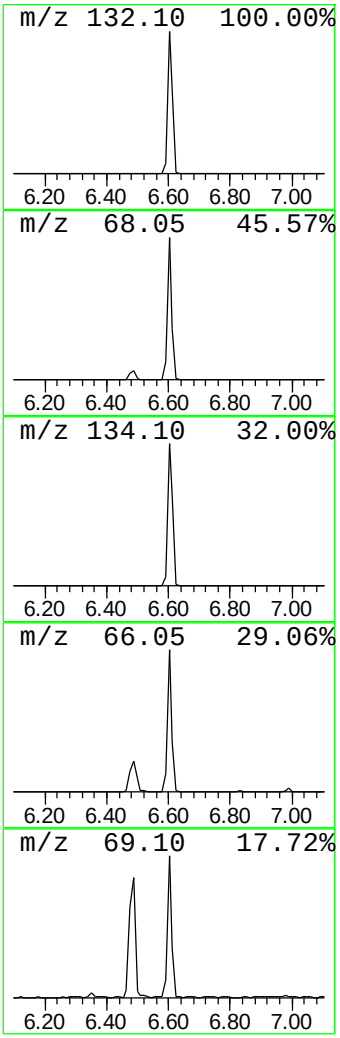
****

Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	74.93 ng	3523100	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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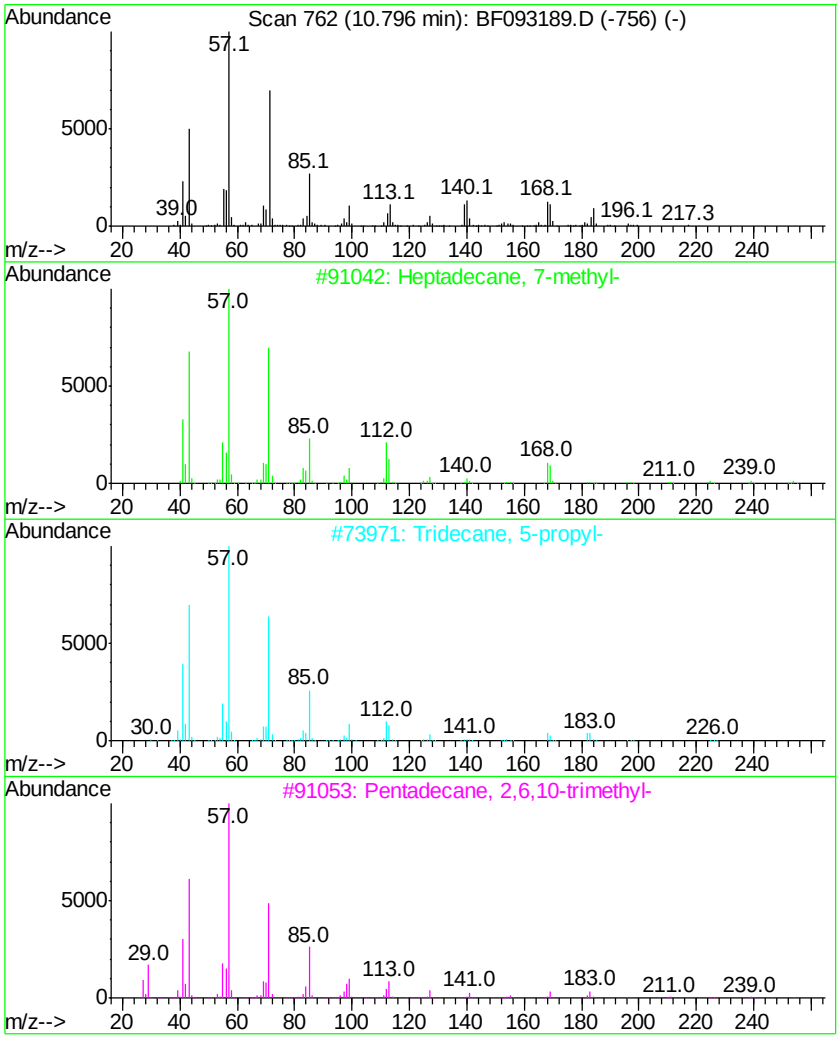
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

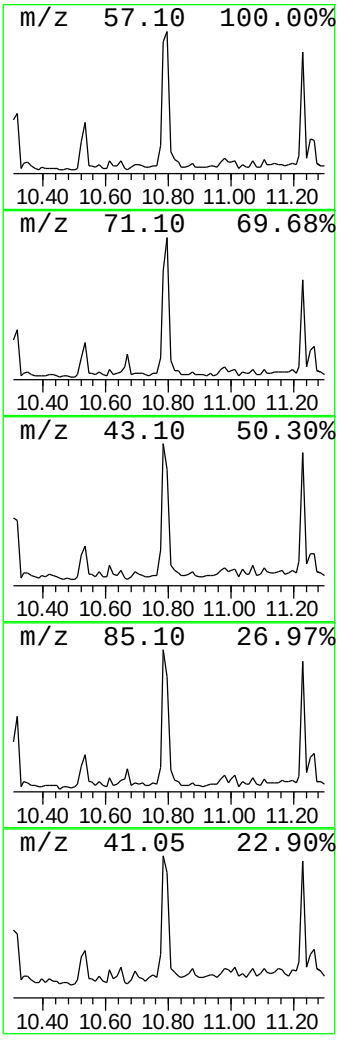
****

Peak Number 5 Heptadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	12.73 ng	670592	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	58
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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Data File : BF093189.D
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Operator : SJ/MA
Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

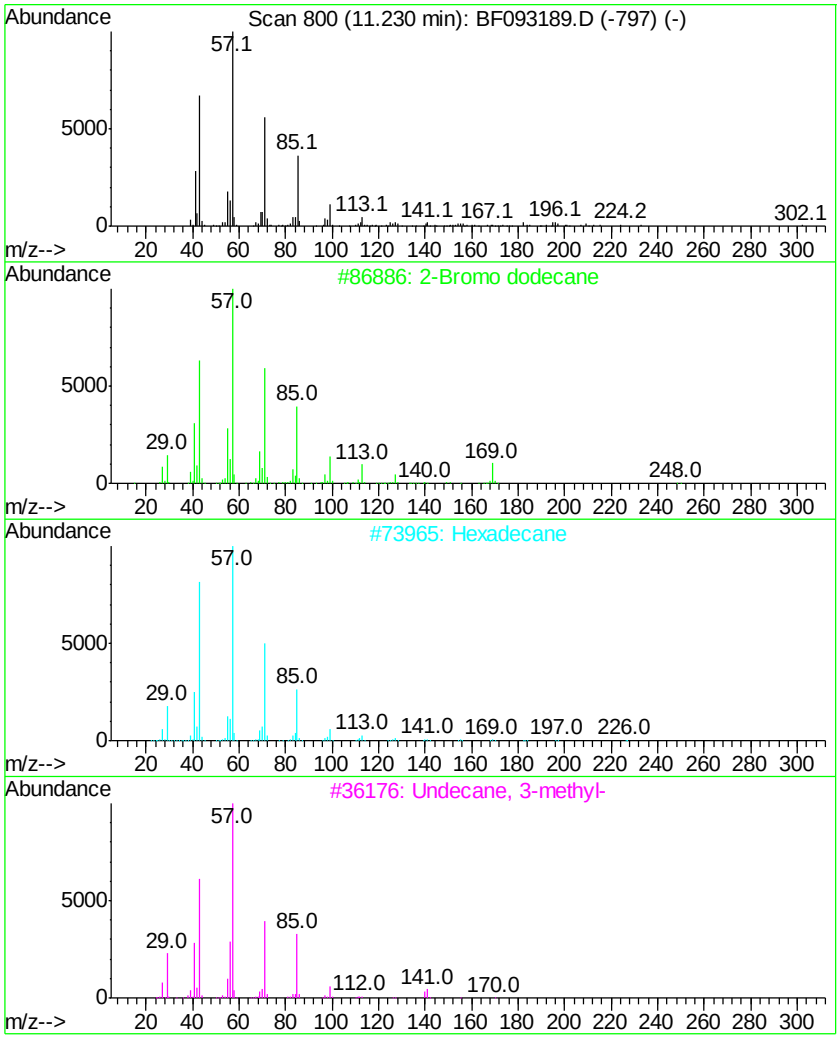
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

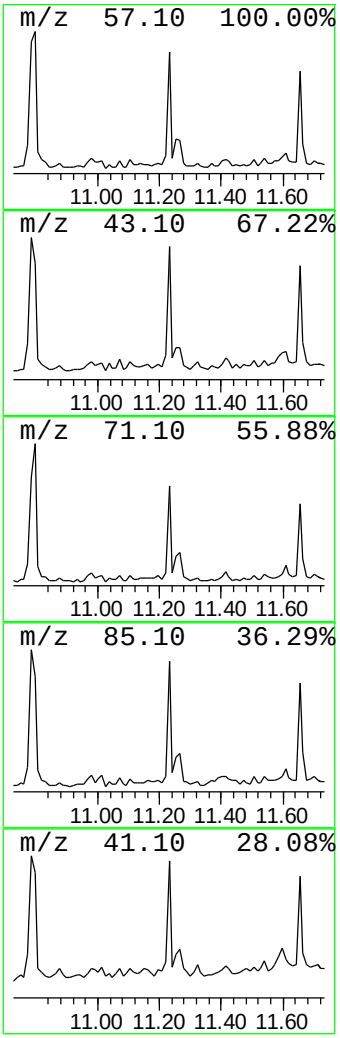
****

Peak Number 6 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	6.03 ng	317898	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81





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Data File : BF093189.D
Acq On : 25 Feb 2017 13:32
Operator : SJ/MA
Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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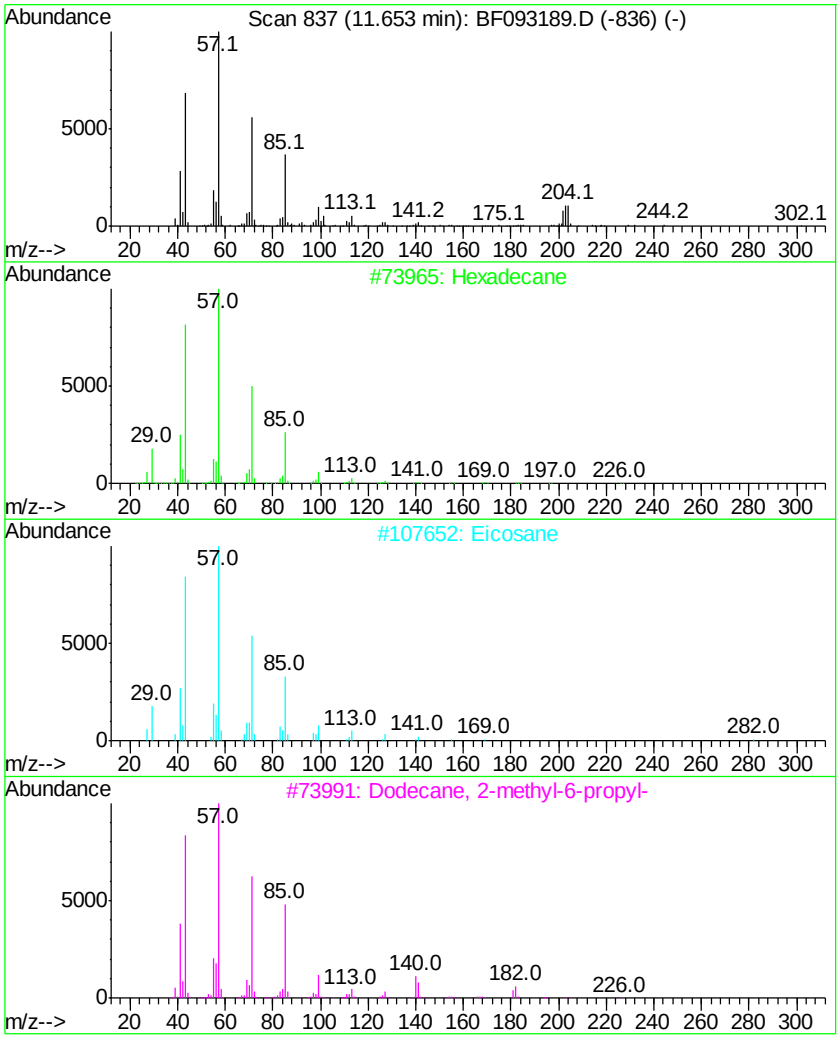
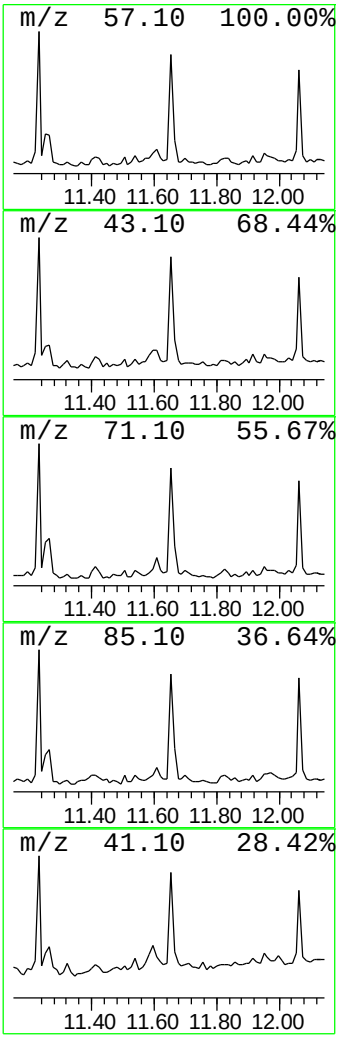
Peak Number 7 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.61 ng	242752	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Eicosane	282	C20H42	000112-95-8	68
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Pentadecane	212	C15H32	000629-62-9	59





Library Search Compound Report

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Operator : SJ/MA
Sample : I1972-16
Misc :
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Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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TIC Library : C:\DATABASE\NIST02.L
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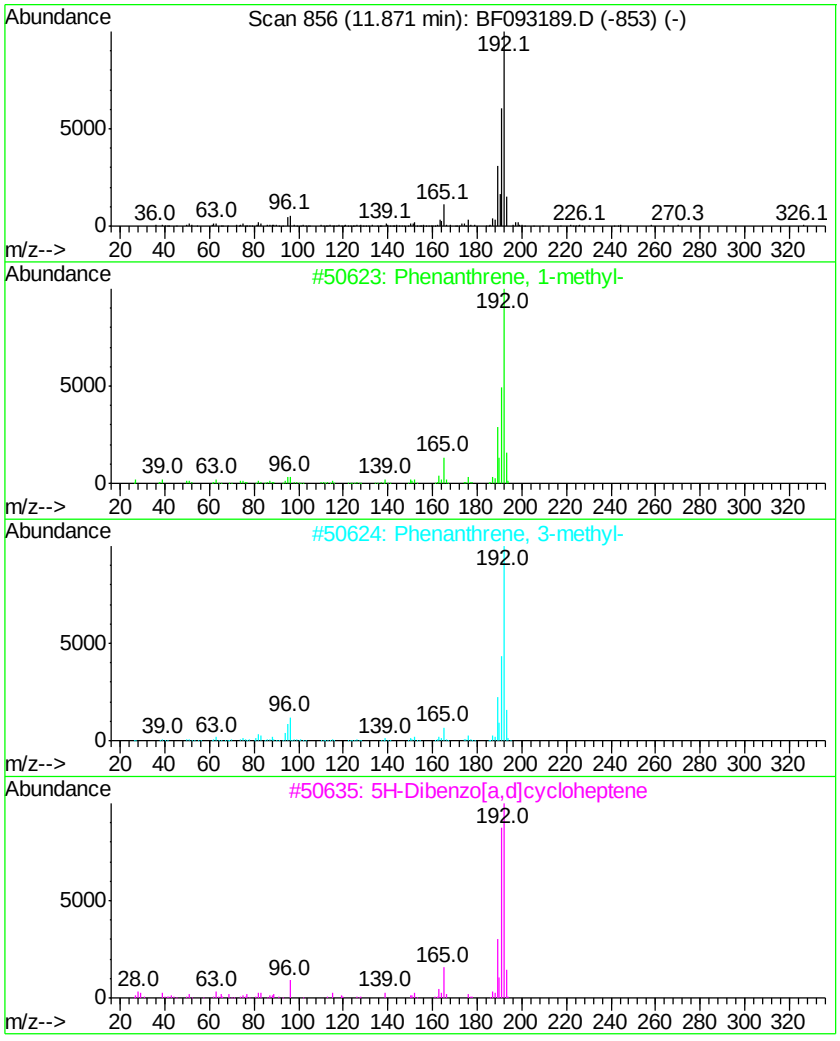
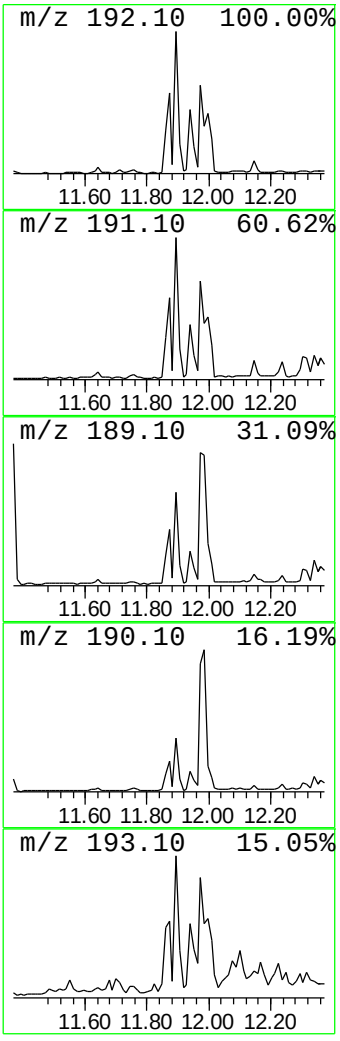
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.09 ng	267974	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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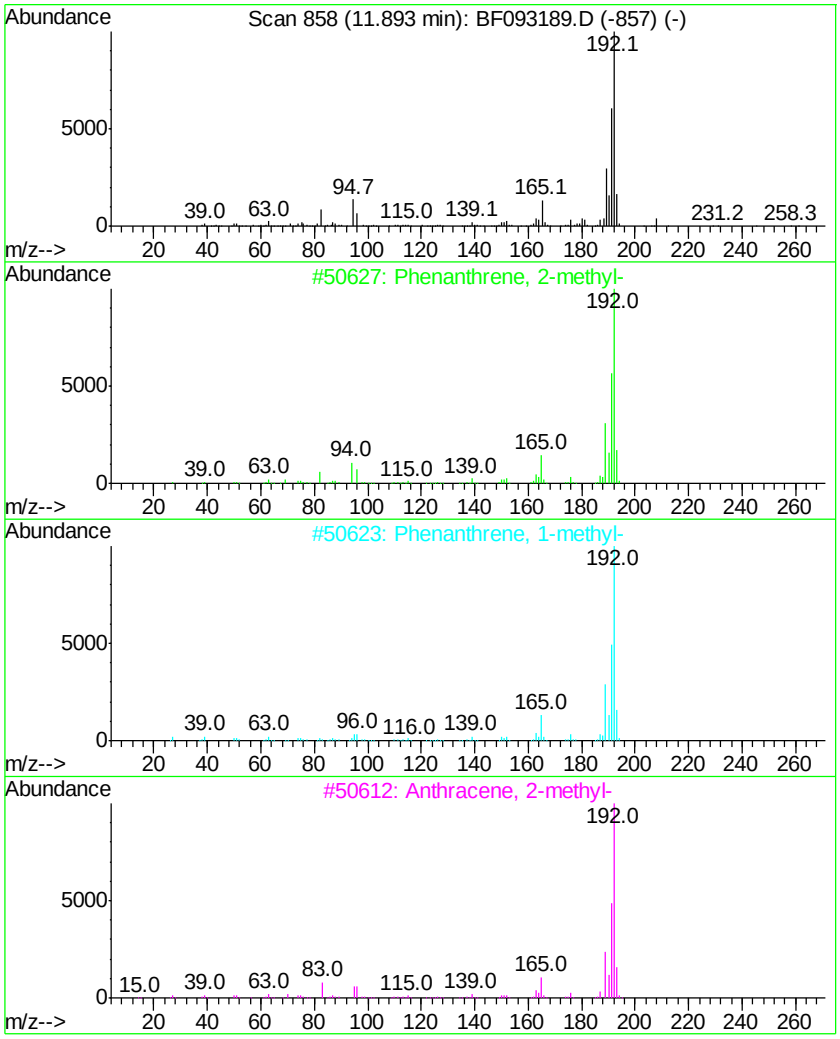
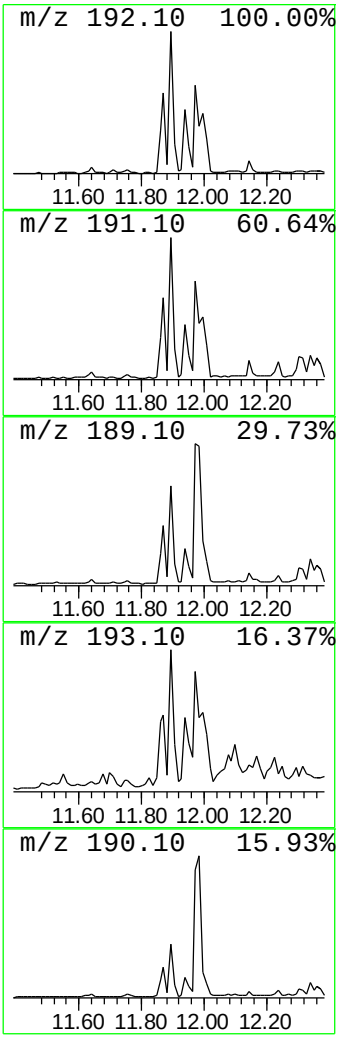
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.17 ng	325013	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Library Search Compound Report

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Operator : SJ/MA
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Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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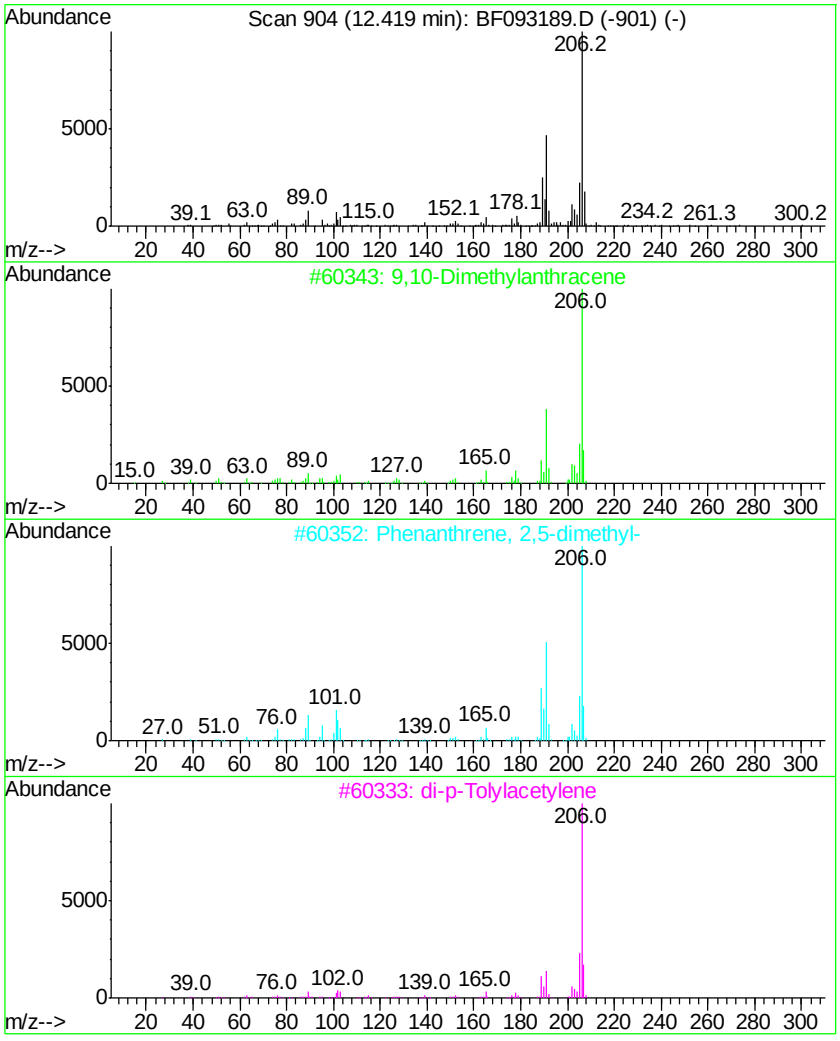
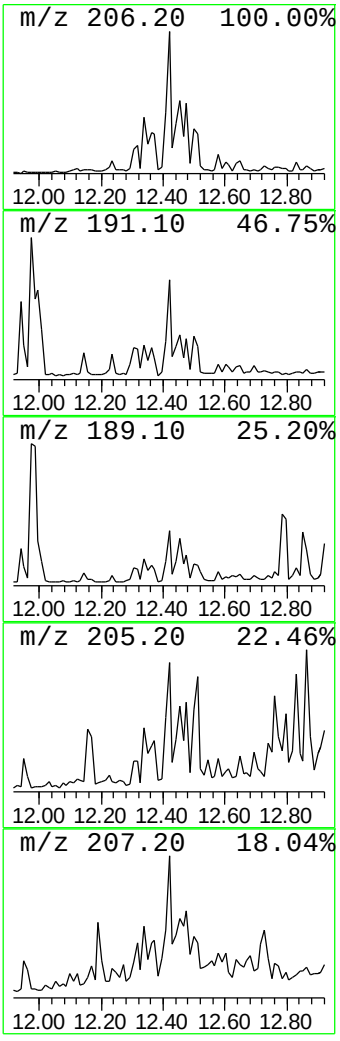
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.45 ng	340065	Phenanthrene-d10	11.37

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





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Sample : I1972-16
Misc :
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Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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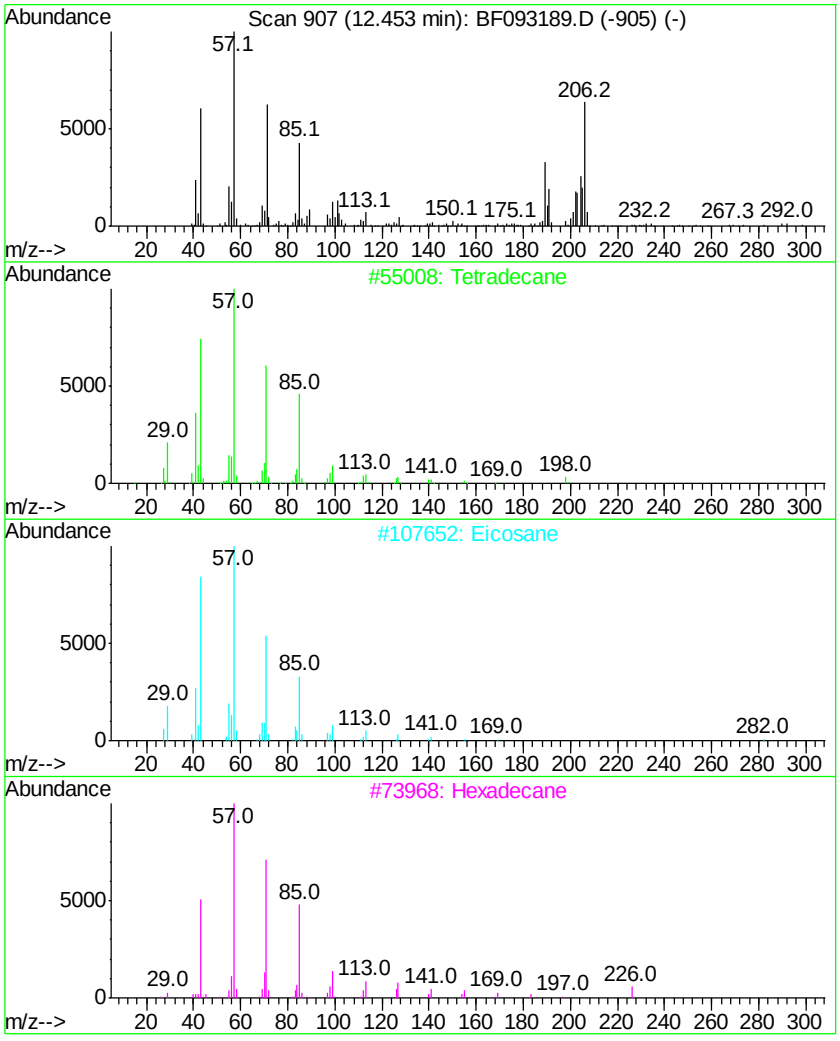
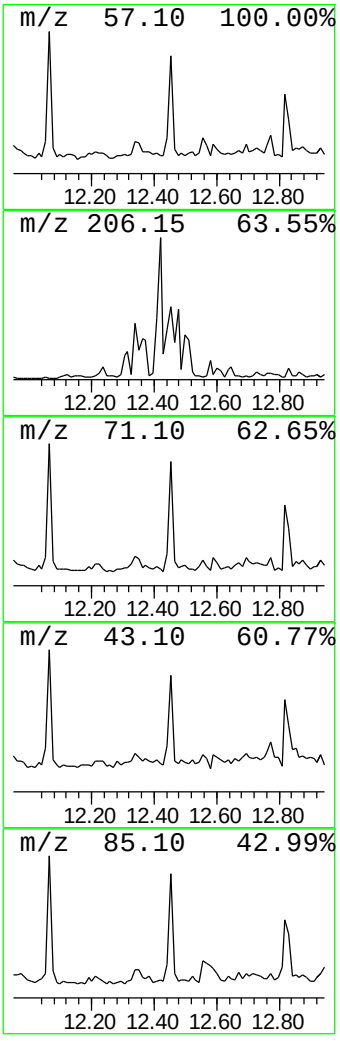
Peak Number 13 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	7.16 ng	377419	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Eicosane	282	C20H42	000112-95-8	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Heptacosane	380	C27H56	000593-49-7	30
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30





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ClientSampleId : E2-B1-SW-1

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

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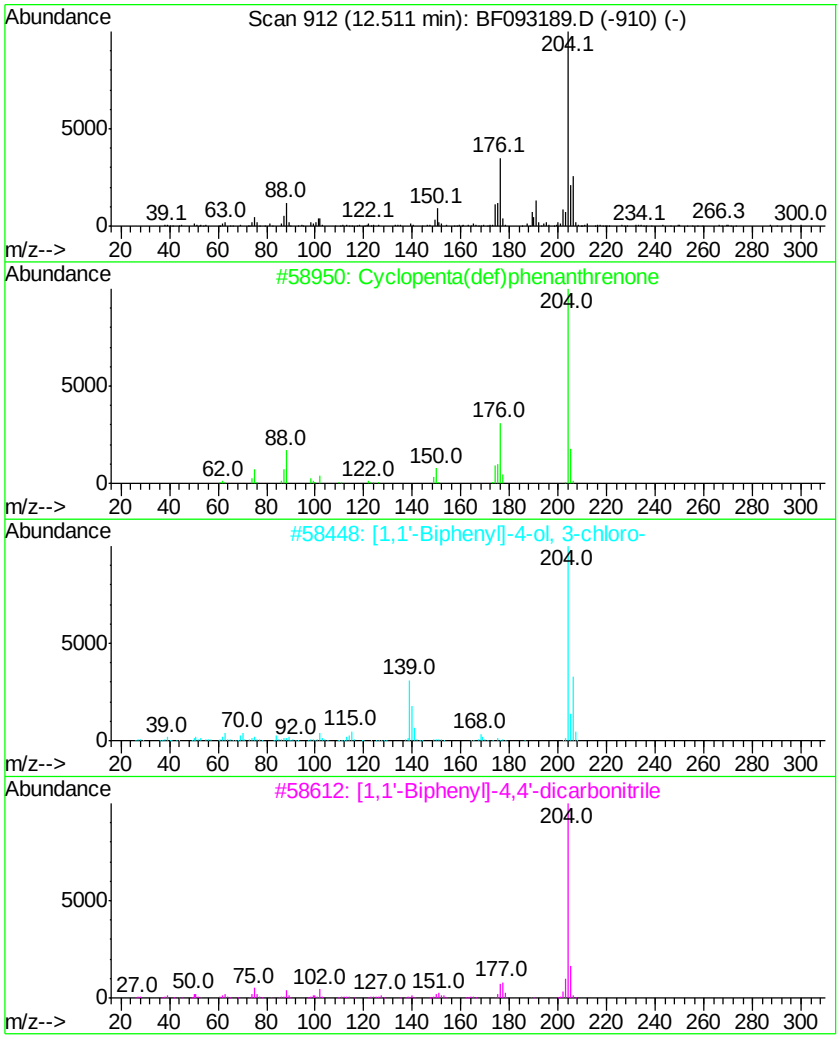
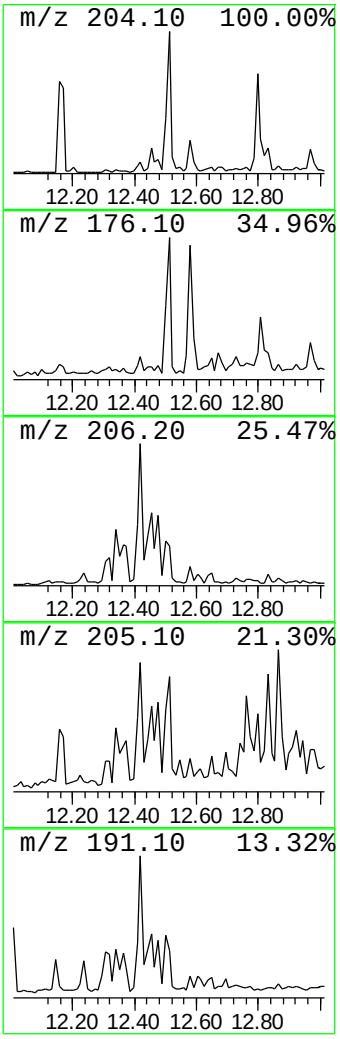
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	5.35 ng	282042	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
5	dl-2-Benzylaminooctanol	235	C15H25NO	1000241-42-4	43





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Sample : I1972-16
Misc :
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Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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

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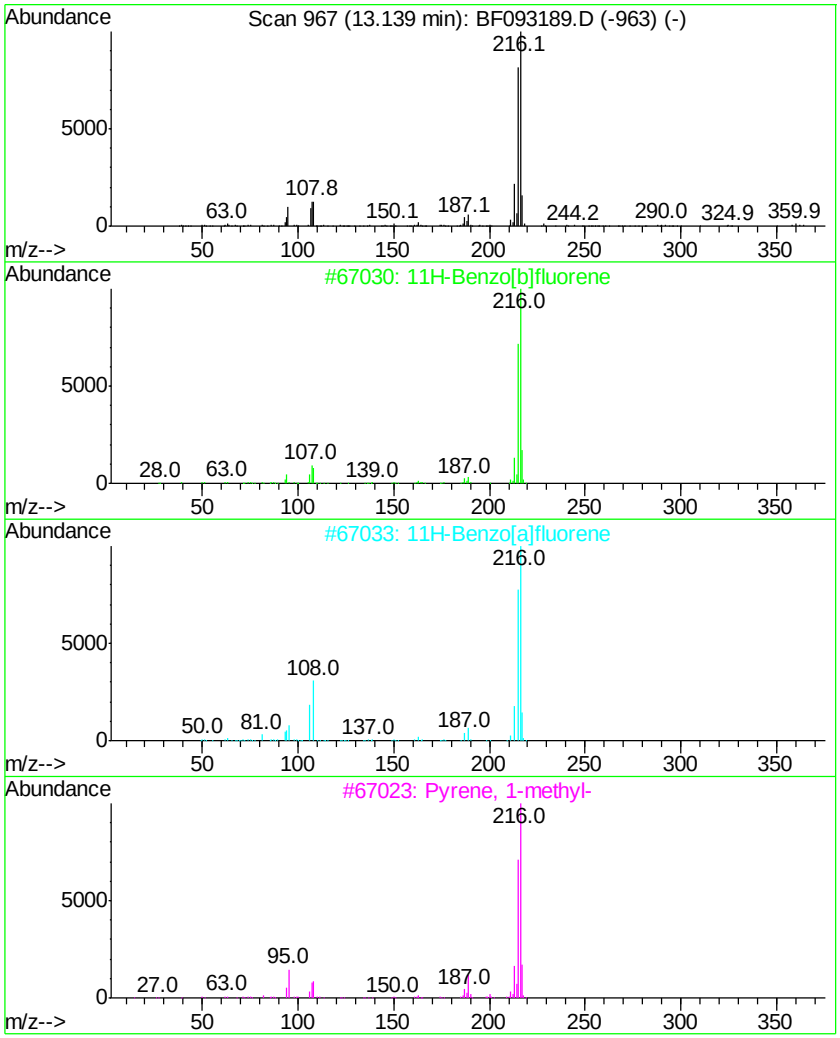
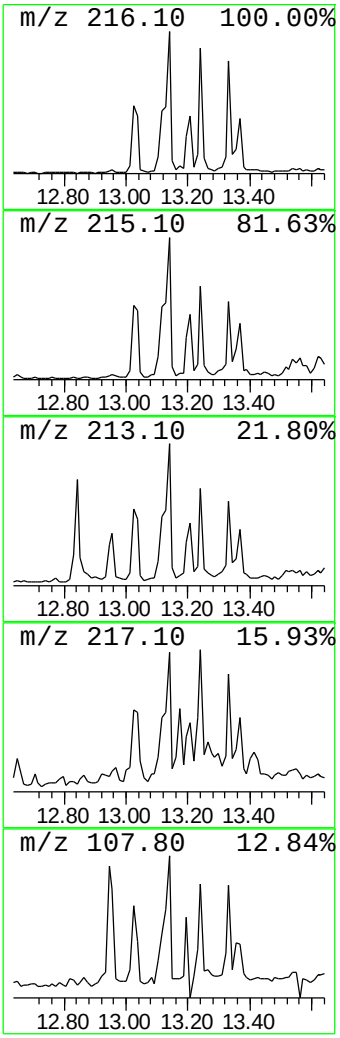
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.11 ng	683401	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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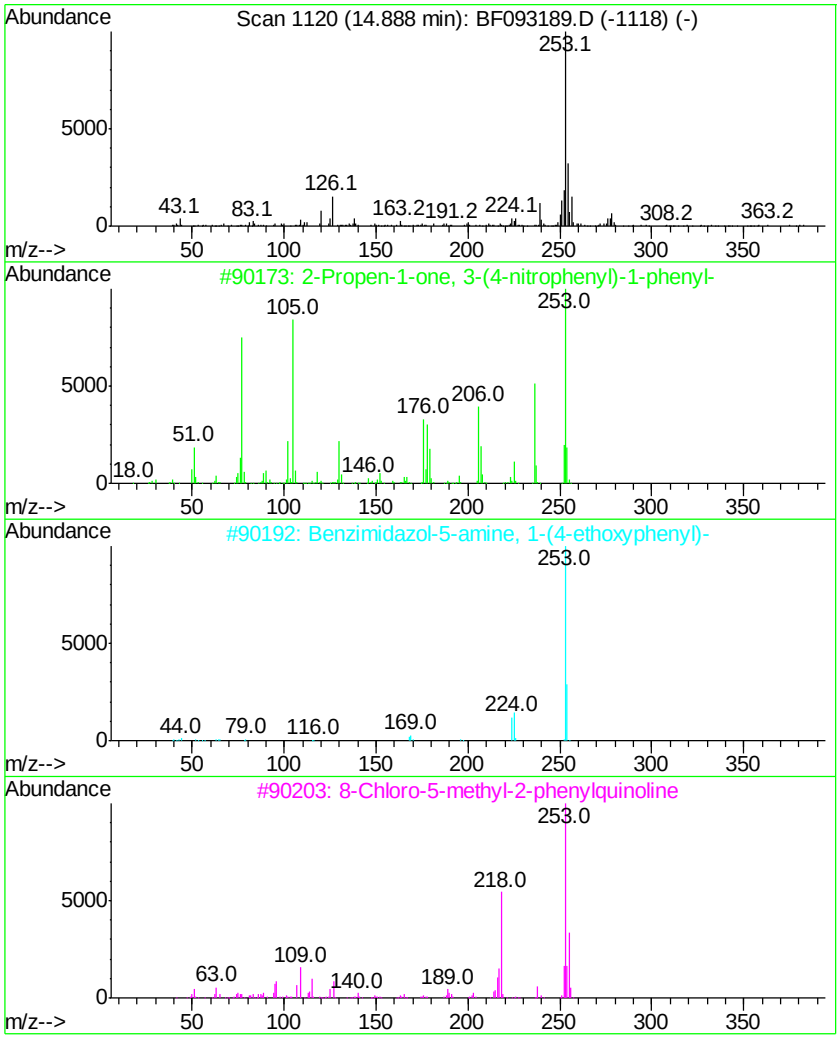
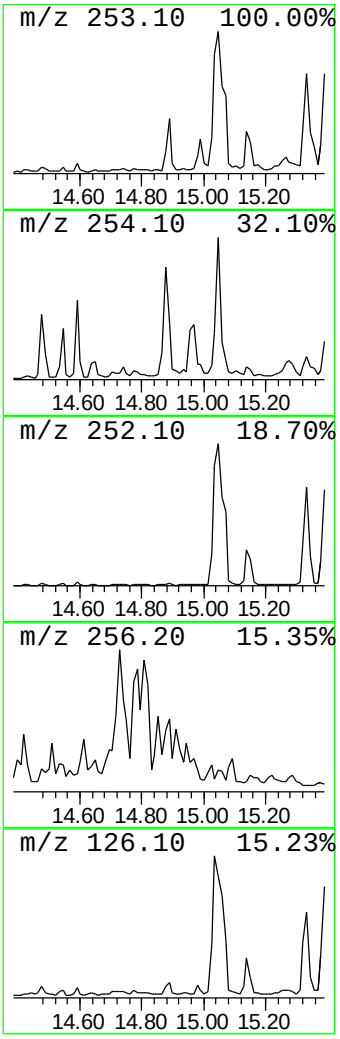
Peak Number 17 2-Propen-1-one, 3-(4-nitrop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	7.46 ng	286247	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	50
2	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	40
3	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	36
4	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	35
5	4-Ethylsulfanyl-3-nitro-N-(2-p-t...	360	C18H20N2O4S	345991-11-9	28





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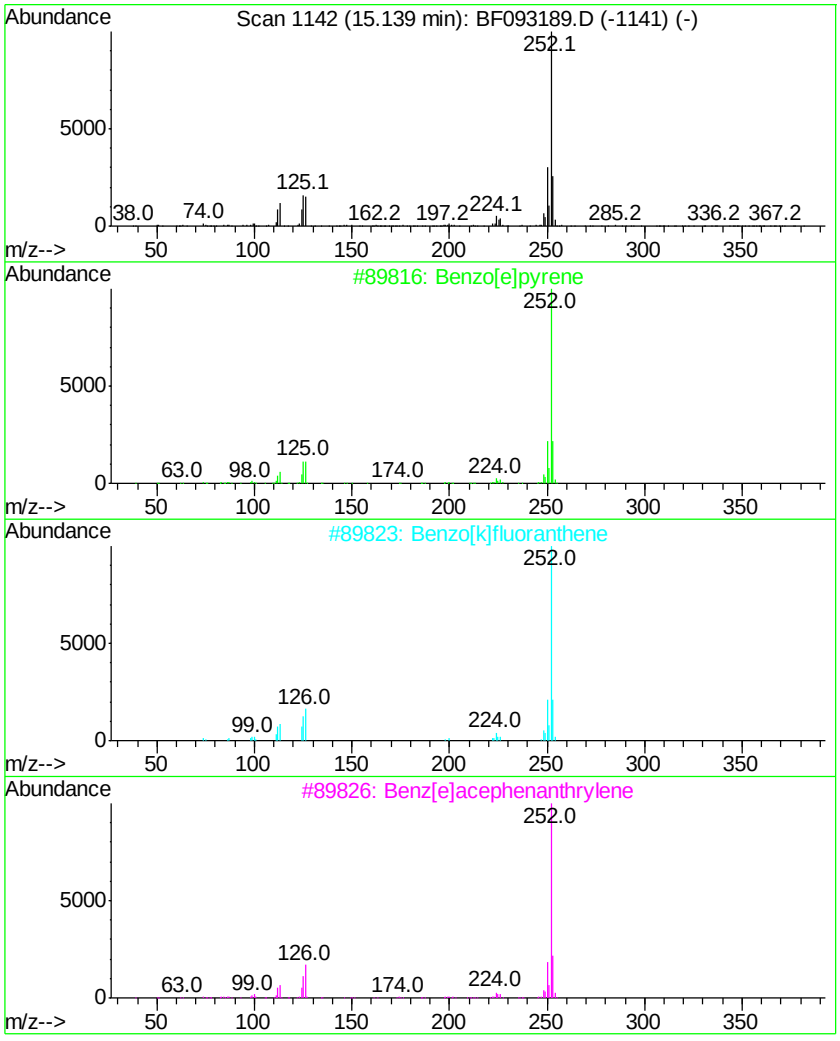
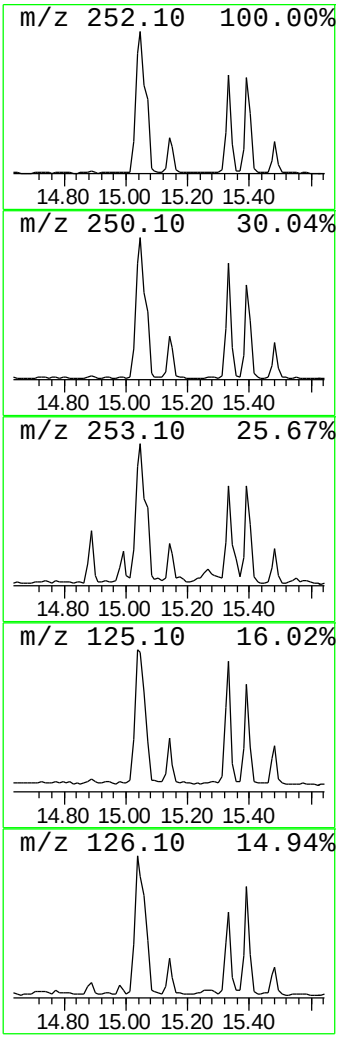
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	9.31 ng	357095	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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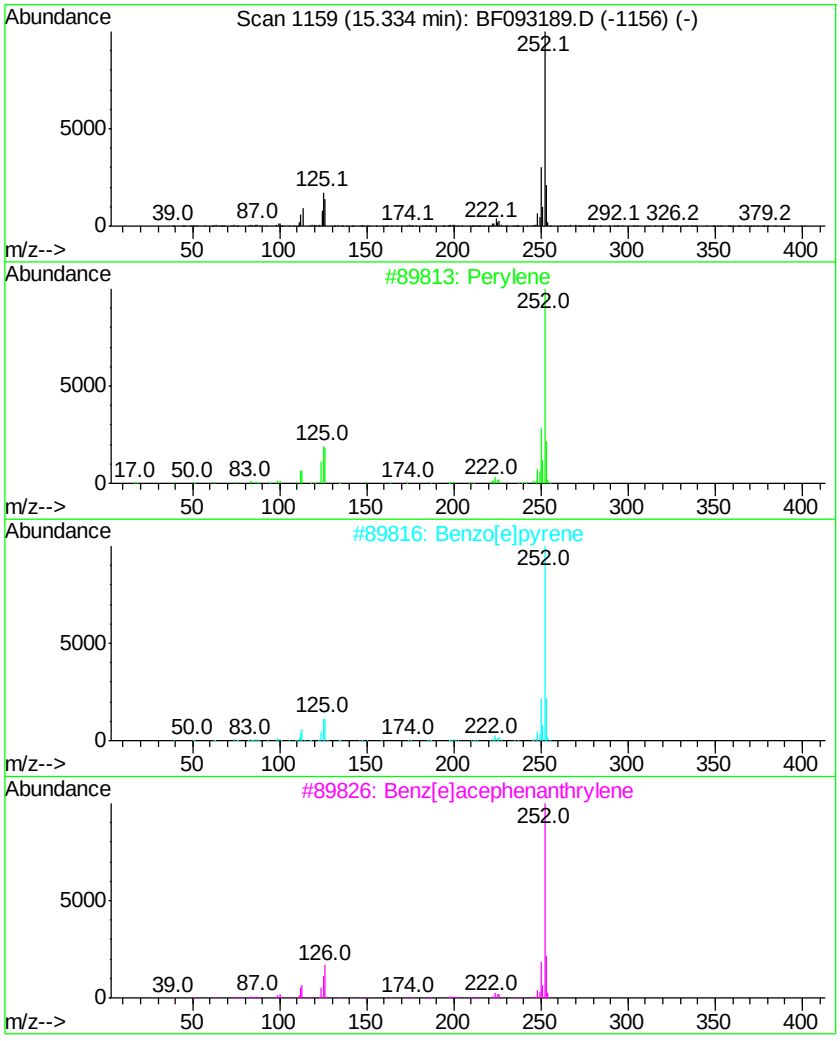
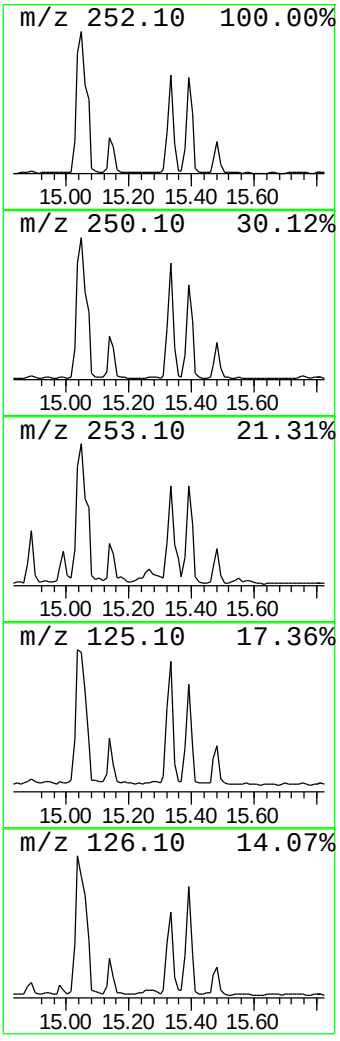
Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	30.81 ng	1182030	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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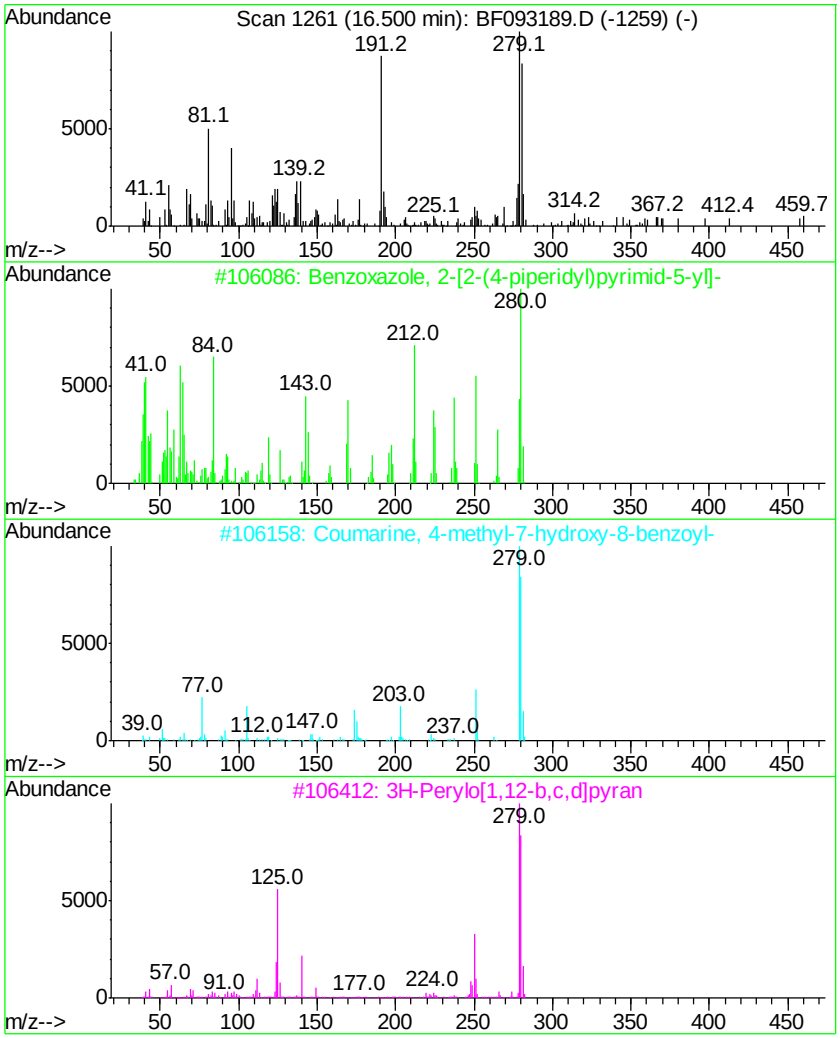
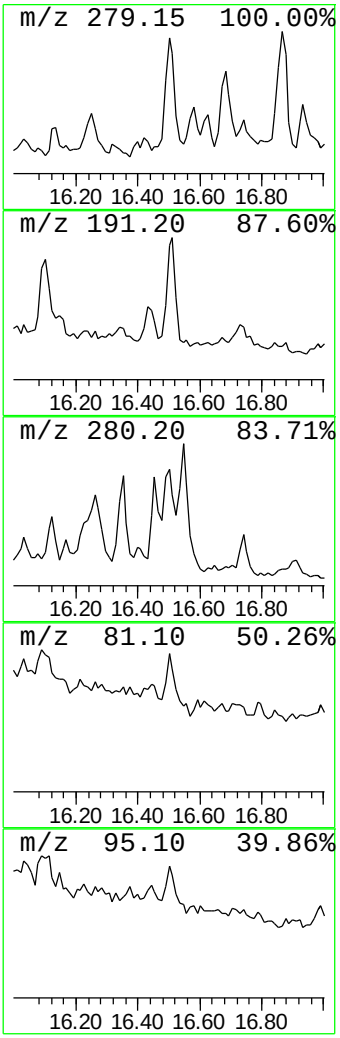
Peak Number 20 Benzoxazole, 2-[2-(4-piperi... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	4.79 ng	183783	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	64
2	Coumarine, 4-methyl-7-hydroxy-8-...	280	C17H12O4	020312-83-8	43
3	3H-Perylo[1,12-b,c,d]pyran	280	C21H12O	1000281-21-7	38
4	Dibenz[a,j]acridine	279	C21H13N	000224-42-0	38
5	Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : E2-B1-SW-1

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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...	5.00	36.1	ng	1695700	1	6.83	940363	20.0
Benzene, 1-chloro...	6.27	5.3	ng	250009	1	6.83	940363	20.0
unknown6.60	6.60	74.9	ng	3523100	1	6.83	940363	20.0
Heptadecane, 7-me...	10.80	12.7	ng	670592	4	11.37	1053920	20.0
2-Bromo dodecane	11.23	6.0	ng	317898	4	11.37	1053920	20.0
Hexadecane	11.65	4.6	ng	242752	4	11.37	1053920	20.0
Phenanthrene, 1-m...	11.87	5.1	ng	267974	4	11.37	1053920	20.0
Phenanthrene, 2-m...	11.89	6.2	ng	325013	4	11.37	1053920	20.0
9,10-Dimethylanth...	12.42	6.5	ng	340065	4	11.37	1053920	20.0
Tetradecane	12.45	7.2	ng	377419	4	11.37	1053920	20.0
Cyclopenta(def)ph...	12.51	5.3	ng	282042	4	11.37	1053920	20.0
11H-Benzo[b]fluorene	13.14	5.1	ng	683401	5	14.01	2676080	20.0
2-Propen-1-one, 3...	14.89	7.5	ng	286247	6	15.45	767380	20.0
Benzo[e]pyrene	15.14	9.3	ng	357095	6	15.45	767380	20.0
Perylene	15.33	30.8	ng	1182030	6	15.45	767380	20.0
Benzoxazole, 2-[2...	16.50	4.8	ng	183783	6	15.45	767380	20.0