LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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	3.733	141	144	150	rVB	59638	106595	2.41%	0.156%
2	5.001	252	255	264	rVB	1327167	1889598	42.77%	2.766%
3	5.379	285	288	291	rBV	111144	177076	4.01%	0.259%
4	5.436	291	293	303	rVB	3911493	4311205	97.59%	6.310%
5	6.064	345	348	352	rBV3	72647	122903	2.78%	0.180%
6	6.259	362	365	369	rBV2	59087	122801	2.78%	0.180%
7	6.350	369	373	374	rVV	113385	138876	3.14%	0.203%
8	6.373	374	375	378	rVV	124252	165166	3.74%	0.242%
9	6.476	382	384	387	rVV	2921353	4417673	100.00%	6.465%
10	6.567	389	392	393	rVV3	109220	149435	3.38%	0.219%
11	6.602	393	395	398	rVV	3801554	3751139	84.91%	5.490%
12	6.659	398	400	403	rVB3	184562	299370	6.78%	0.438%
13	6.830	413	415	418	rVV	1173504	1086646	24.60%	1.590%
14	6.910	418	422	424	rBV	1157273	1055809	23.90%	1.545%
15	6.990	427	429	431	rVV	3440575	3201599	72.47%	4.686%
16	7.104	432	439	441	rBV3	148088	272497	6.17%	0.399%
17	7.150	441	443	448	rVB3	84850	145022	3.28%	0.212%
18	7.230	448	450	451	rBV	105637	155127	3.51%	0.227%
19	7.265	451	453	455	rVB	169213	186814	4.23%	0.273%
20	7.402	460	465	467	rVV	2217392	2863005	64.81%	4.190%
21	7.436	467	468	470	rVV	230248	179078	4.05%	0.262%
22	7.482	470	472	474	rVB	96314	116688	2.64%	0.171%
23	7.527	474	476	480	rBV4	77324	180928	4.10%	0.265%
24	7.607	480	483	485	rBV3	68057	138460	3.13%	0.203%
25	7.756	490	496	498	rBV5	73776	206250	4.67%	0.302%
26	7.790	498	499	502	rVB3	105350	120411	2.73%	0.176%
27	7.870	502	506	509	rBV4	228817	361664	8.19%	0.529%
28	7.916	509	510	515	rVB4	83545	172183	3.90%	0.252%
29	8.145	524	530	533	rVV2	2375387	3895012	88.17%	5.701%
30	8.190	533	534	538	rVB3	133357	149113	3.38%	0.218%
31	8.419	550	554	556	rBV4	73386	126892	2.87%	0.186%
32	8.476	557	559	563	rVV5	79042	197162	4.46%	0.289%
33	8.545	563	565	568	rVV2	133795	226933	5.14%	0.332%
34	8.716	579	580	582	rBV	188832	180855	4.09%	0.265%

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

35	8.842	590	591	592	rVB	169106	116007	2.63%	0.170%
36	8.933	597	599	601	rVB	127927	130279	2.95%	0.191%
37	9.150	616	618	620	rVB	213475	190807	4.32%	0.279%
38	9.208	620	623	625	rVB	3751941	3827475	86.64%	5.602%
39	9.288	625	630	634	rBV2	217130	392389	8.88%	0.574%
40	9.345	634	635	638	rVB3	127191	175130	3.96%	0.256%
41	9.470	643	646	648	rBV	112563	145588	3.30%	0.213%
42	9.539	650	652	653	rVB	142691	113919	2.58%	0.167%
43	9.596	655	657	659	rVB	648557	731374	16.56%	1.070%
44	9.653	661	662	667	rVB4	77099	113644	2.57%	0.166%
45	9.745	667	670	672	rVB2	84710	108452	2.45%	0.159%
46	9.813	674	676	678	rVB	287452	258301	5.85%	0.378%
47	9.882	678	682	683	rBV	1345534	1386496	31.39%	2.029%
48	9.916	683	685	686	rVB	140116	183609	4.16%	0.269%
49	10.042	693	696	697	rBV2	59927	121311	2.75%	0.178%
50	10.088	697	700	702	rVB2	109208	173235	3.92%	0.254%
51	10.122	702	703	708	rVB3	98744	172873	3.91%	0.253%
52	10.305	715	719	721	rBV2	218474	366038	8.29%	0.536%
53	10.419	728	729	733	rBV2	98625	157125	3.56%	0.230%
54	10.533	736	739	742	rBV	162110	245000	5.55%	0.359%
55	10.671	748	751	753	rBV	1960422	1927123	43.62%	2.820%
56	10.785	759	761	765	rBV	408433	625373	14.16%	0.915%
57	10.968	775	777	779	rBV2	64842	129014	2.92%	0.189%
58	11.116	787	790	792	rBV4	61072	143921	3.26%	0.211%
59	11.231	798	800	801	rBV	241565	212343	4.81%	0.311%
60	11.265	801	803	805	rVB	149081	201325	4.56%	0.295%
61	11.368	809	812	813	rBV	896005	1286826	29.13%	1.883%
62	11.436	815	818	820	rVV	240852	256585	5.81%	0.376%
63	11.608	830	833	835	rBV3	115504	303014	6.86%	0.443%
64	11.654	835	837	839	rBV	178790	307437	6.96%	0.450%
65	12.591	917	919	920	rBV	1600006	1437175	32.53%	2.103%
66	12.625	920	922	923	rVB	494092	390962	8.85%	0.572%
67	12.808	935	938	941	rVB	1081409	1872103	42.38%	2.740%
68	12.865	941	943	945	rVB2	124744	160073	3.62%	0.234%
69	12.957	948	951	953	rVV	1986066	2164586	49.00%	3.168%
70	13.025	955	957	961	rBV3	136225	292031	6.61%	0.427%
71	13.094	961	963	964	rBV	933687	996537	22.56%	1.458%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : B1-4

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

72	13.139	964	967	969	rVB	265588	361140	8.17%	0.529%
73	13.185	969	971	974	rBV2	207797	446977	10.12%	0.654%
74	13.242	974	976	979	rVB3	228855	287724	6.51%	0.421%
75	13.334	982	984	985	rBV2	149484	139162	3.15%	0.204%
76	13.368	985	987	988	rVV2	112947	123911	2.80%	0.181%
77	13.517	998	1000	1003	rBV2	252479	459437	10.40%	0.672%
78	13.757	1019	1021	1022	rBV	156054	145141	3.29%	0.212%
79	13.848	1028	1029	1033	rVB2	583646	631000	14.28%	0.924%
80	14.008	1040	1043	1044	rBV2	1234140	2029428	45.94%	2.970%
81	14.111	1050	1052	1054	rVB	163073	148032	3.35%	0.217%
82	14.168	1055	1057	1059	rBV2	291404	339485	7.68%	0.497%
83	14.397	1075	1077	1078	rVB	244444	222274	5.03%	0.325%
84	14.431	1078	1080	1081	rVB	114608	104927	2.38%	0.154%
85	14.477	1081	1084	1086	rBV2	271849	503444	11.40%	0.737%
86	14.774	1108	1110	1112	rBV	171900	245202	5.55%	0.359%
87	15.037	1130	1133	1136	rBV	1002925	1962509	44.42%	2.872%
88	15.094	1136	1138	1140	rVV3	209671	279960	6.34%	0.410%
89	15.140	1140	1142	1144	rVB	157265	204998	4.64%	0.300%
90	15.322	1156	1158	1161	rVB	667545	820226	18.57%	1.200%
91	15.380	1161	1163	1166	rVB	852281	1174895	26.60%	1.720%
92	15.448	1166	1169	1170	rBV	577271	873456	19.77%	1.278%
93	15.860	1203	1205	1207	rBV	164616	255310	5.78%	0.374%
94	16.088	1223	1225	1234	rVB3	174850	514409	11.64%	0.753%
95	16.500	1258	1261	1268	rVB3	151767	443826	10.05%	0.650%
96	16.854	1288	1292	1295	rBV	413894	811255	18.36%	1.187%
97	17.277	1326	1329	1333	rBV	317843	656528	14.86%	0.961%
98	17.894	1380	1383	1389	rVB5	130720	413457	9.36%	0.605%
99	18.123	1400	1403	1414	rVB5	122141	476763	10.79%	0.698%
100	19.334	1504	1509	1513	rVB3	189873	566594	12.83%	0.829%

Sum of corrected areas: 68326935

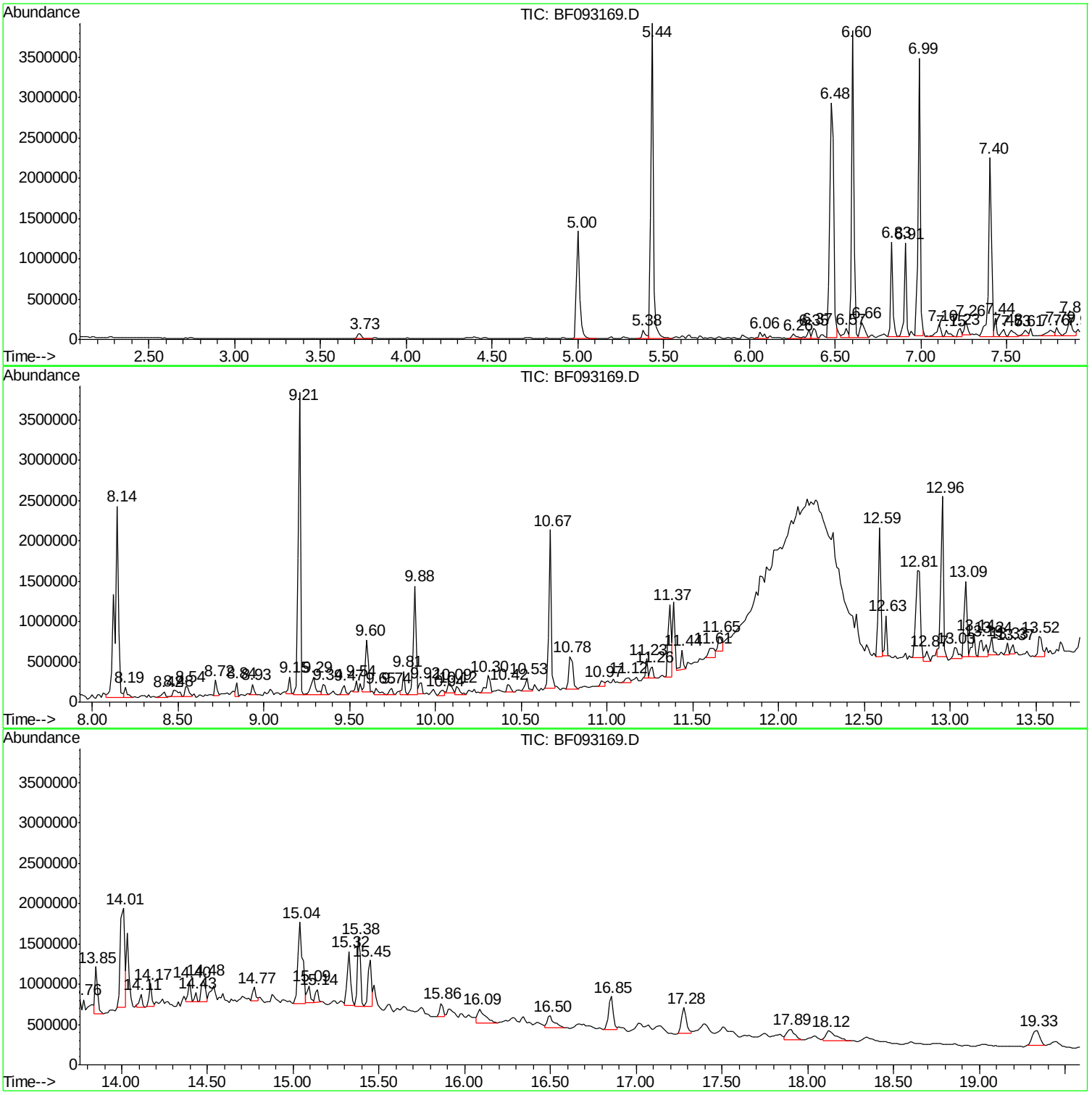
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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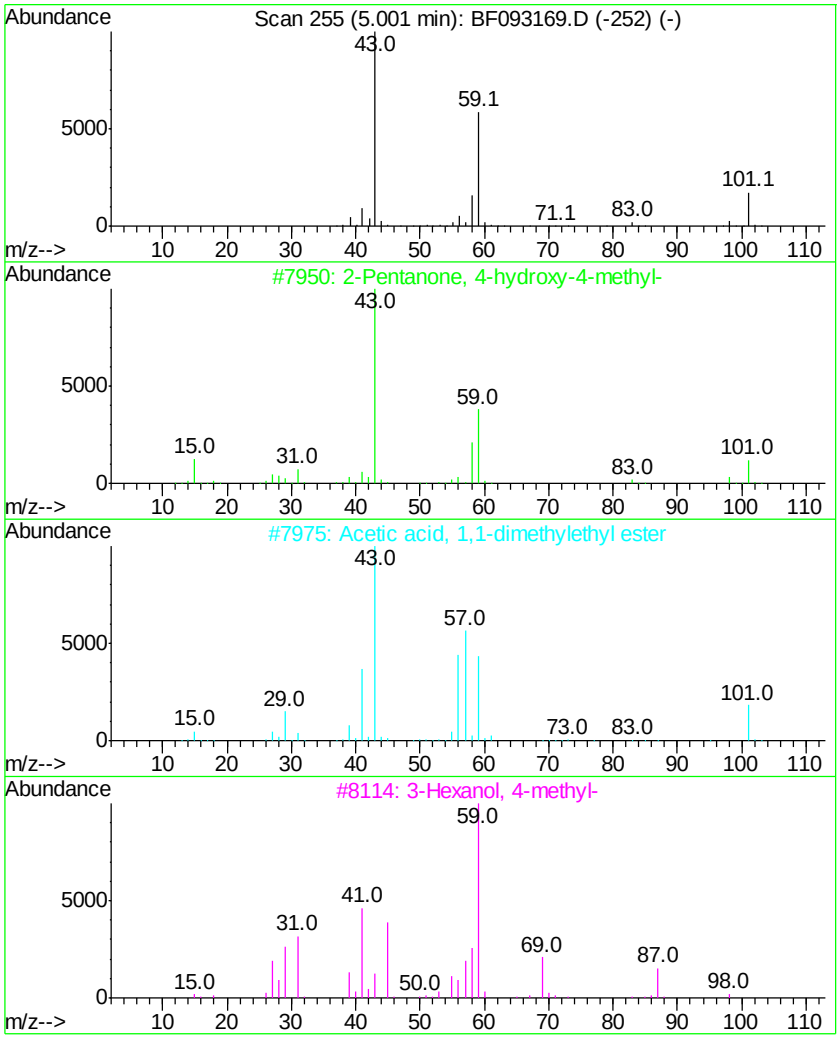
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

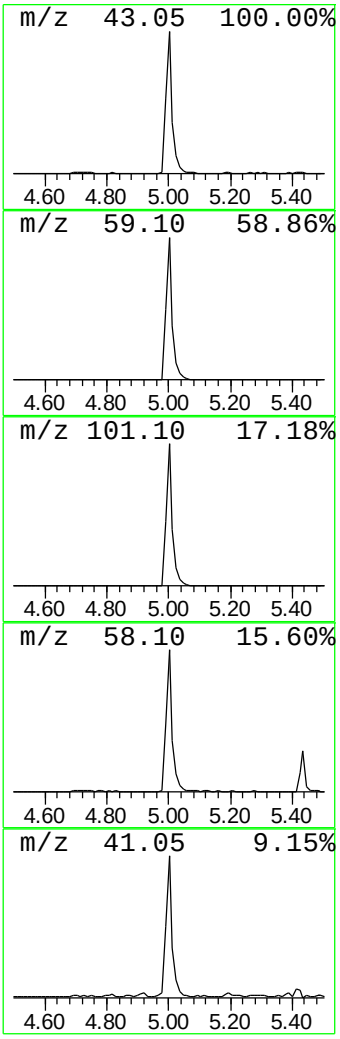
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	34.78 ng	1889600	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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

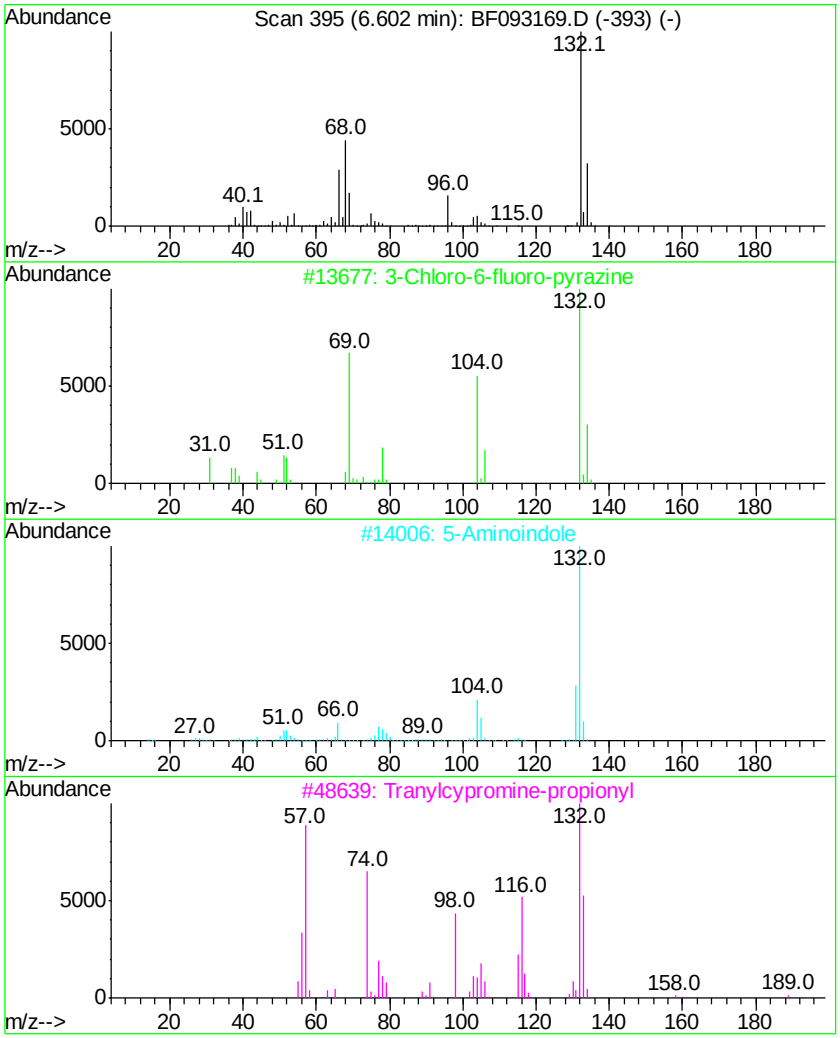
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

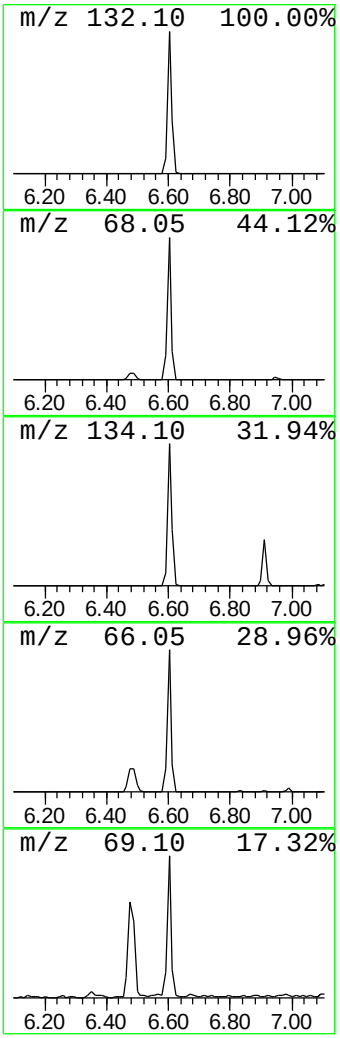
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	69.04 ng	3751140	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	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





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Instrument : BNA_F
ClientSampleId : B1-4

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

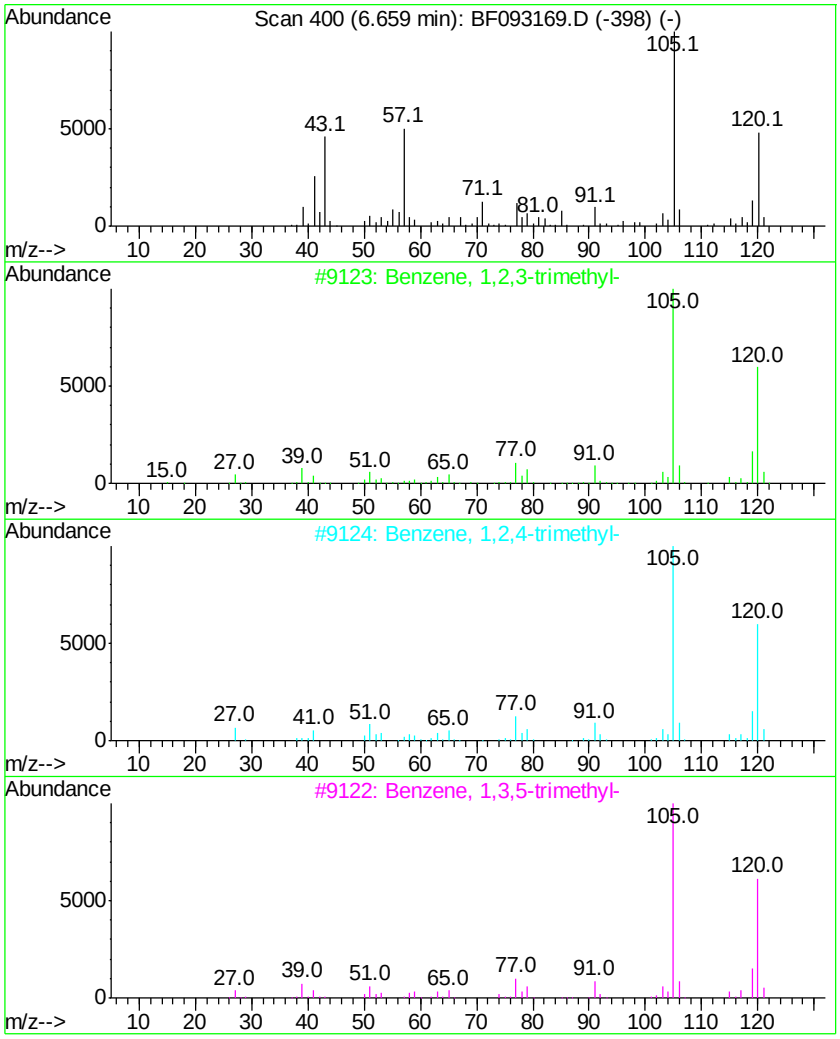
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

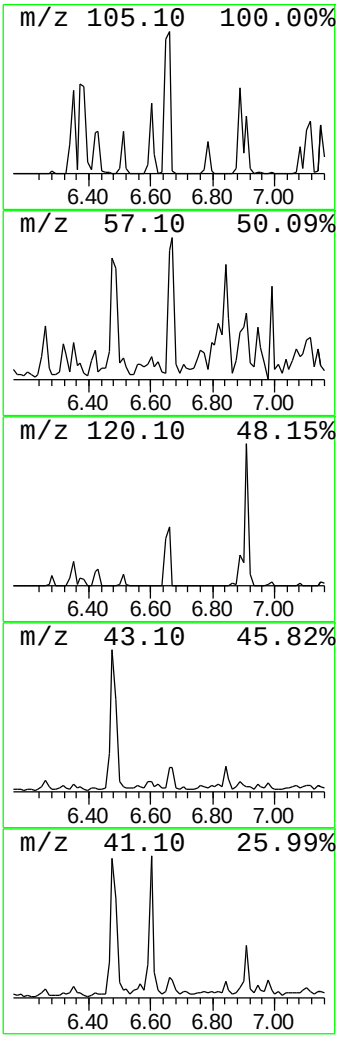
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	5.51 ng	299370	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Instrument : BNA_F
ClientSampleId : B1-4

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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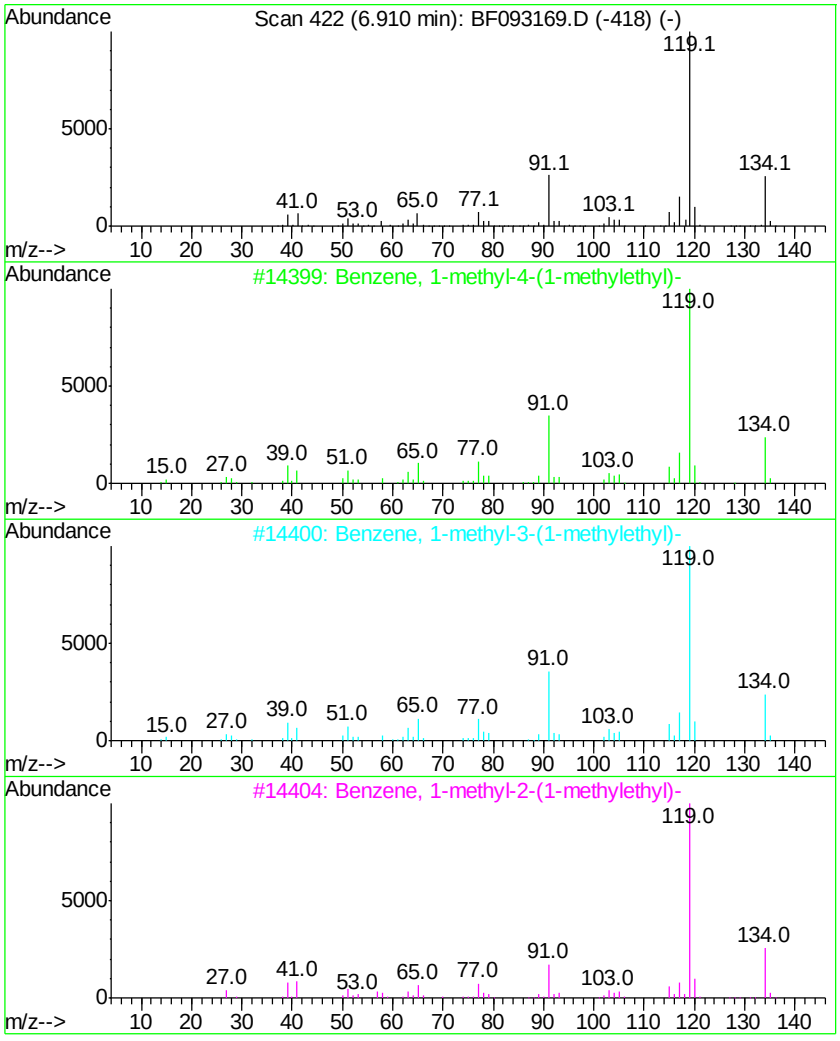
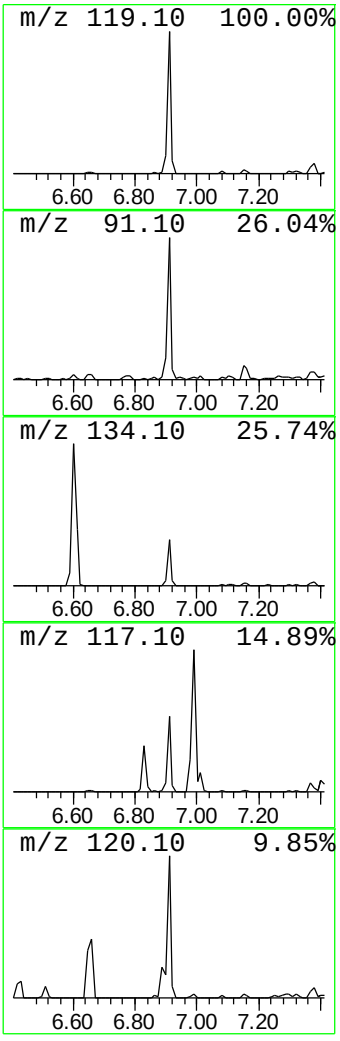
Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	19.43 ng	1055810	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Data File : BF093169.D
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Operator : SJ/MA
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Misc :
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Instrument : BNA_F
ClientSampleId : B1-4

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

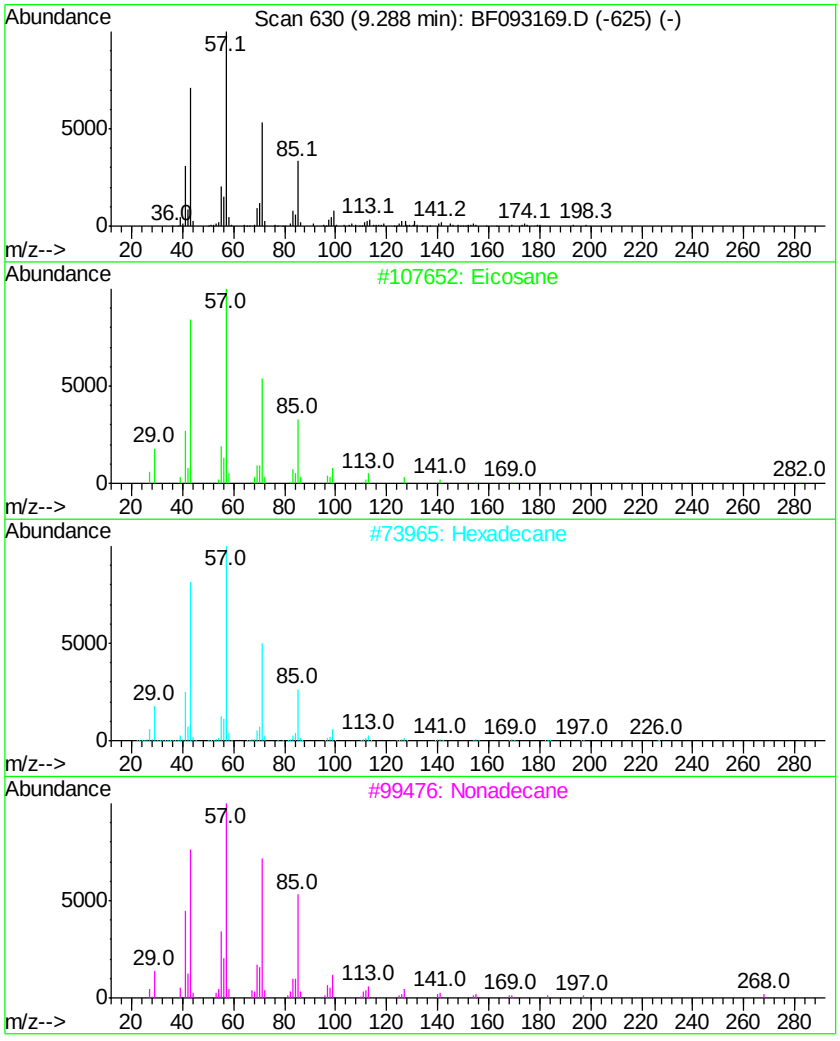
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

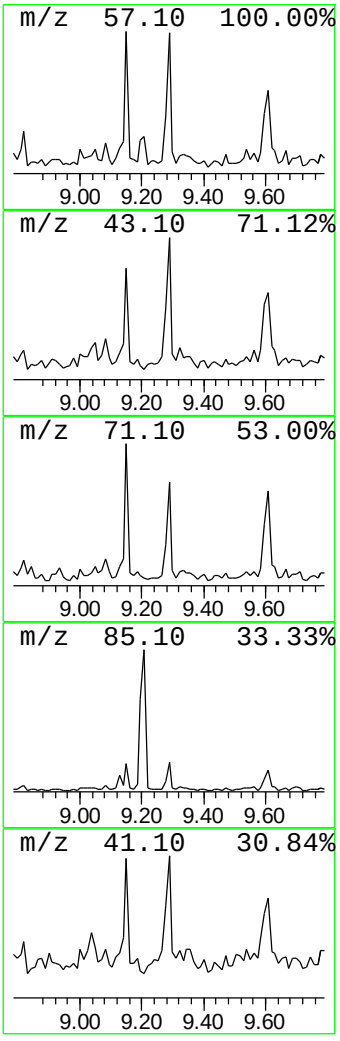
****

Peak Number 7 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.66 ng	392389	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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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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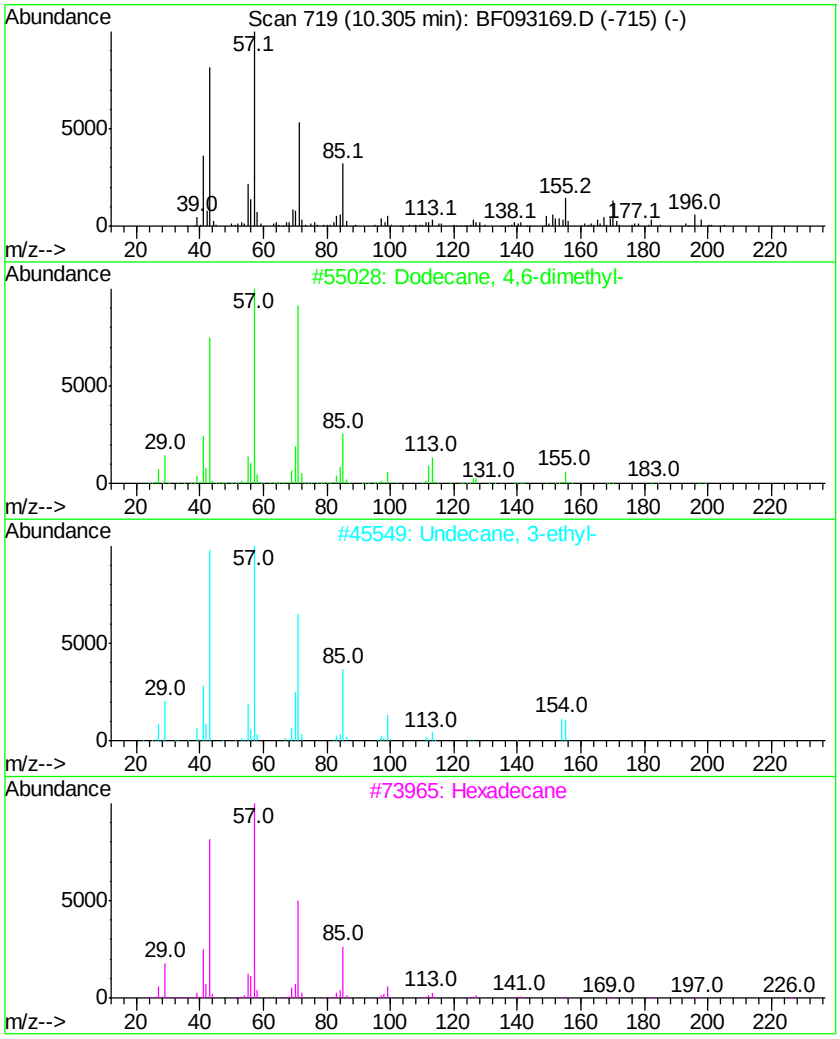
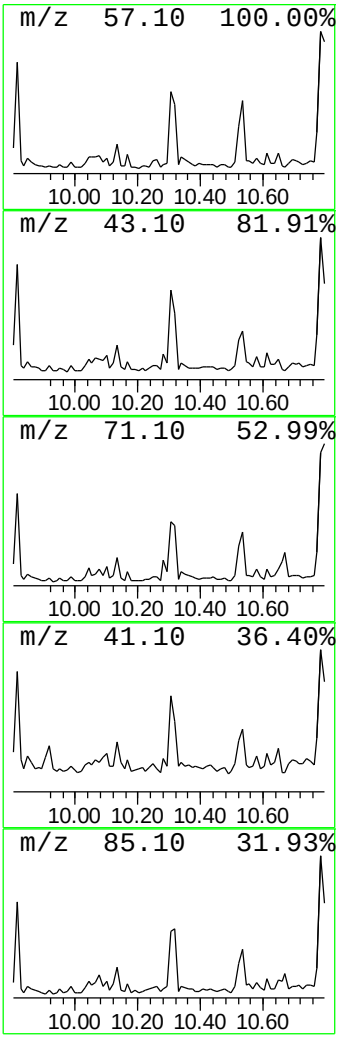
Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.28 ng	366038	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62
2	Undecane, 3-ethyl-	184	C13H28	017312-58-2	59
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetradecane	198	C14H30	000629-59-4	52
5	Eicosane	282	C20H42	000112-95-8	52





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Sample : I1955-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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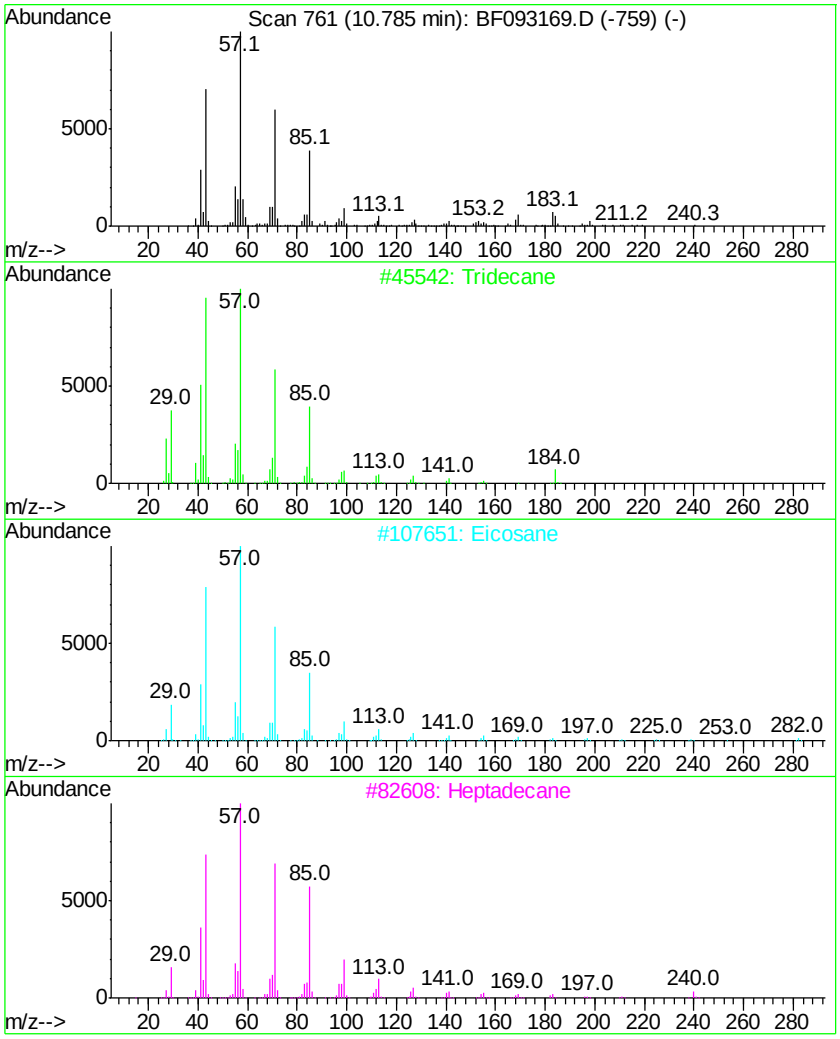
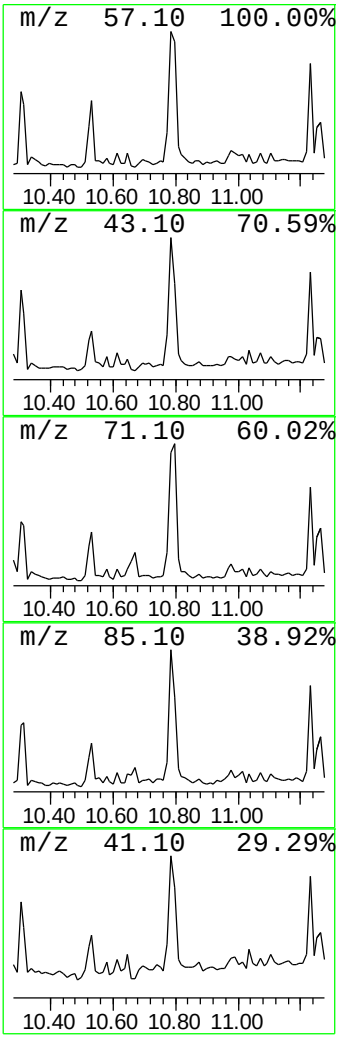
Peak Number 9 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	9.72 ng	625373	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptadecane	240	C17H36	000629-78-7	81
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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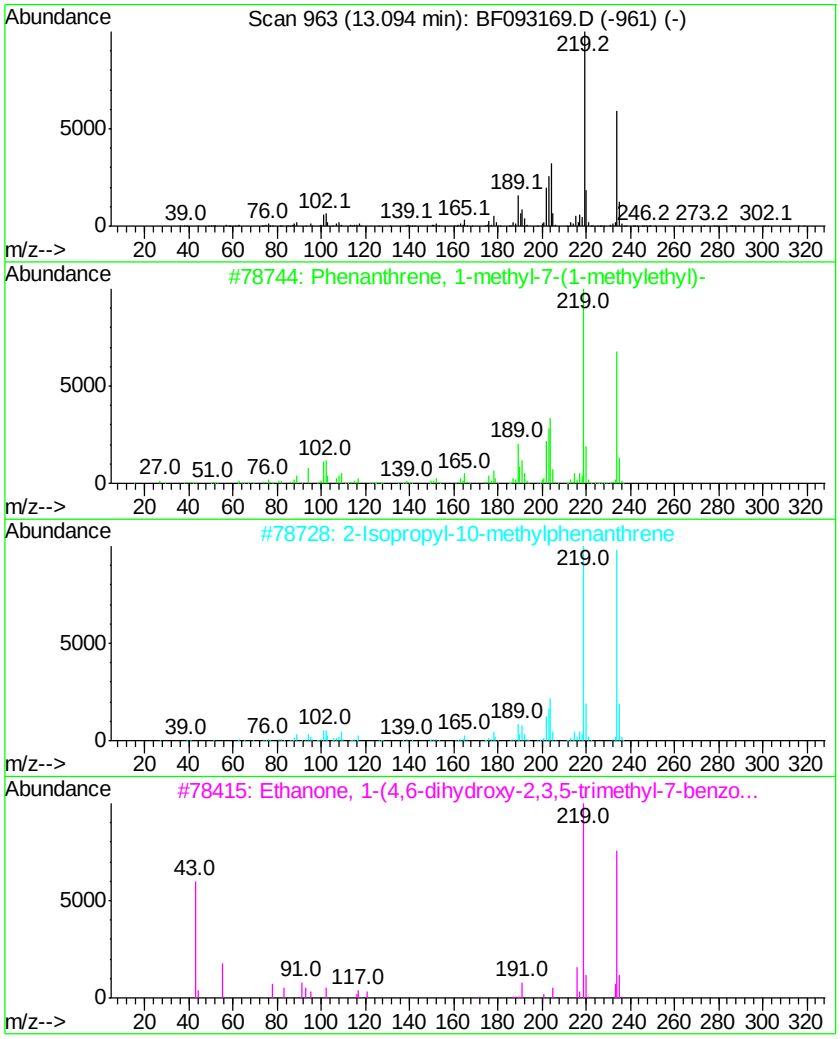
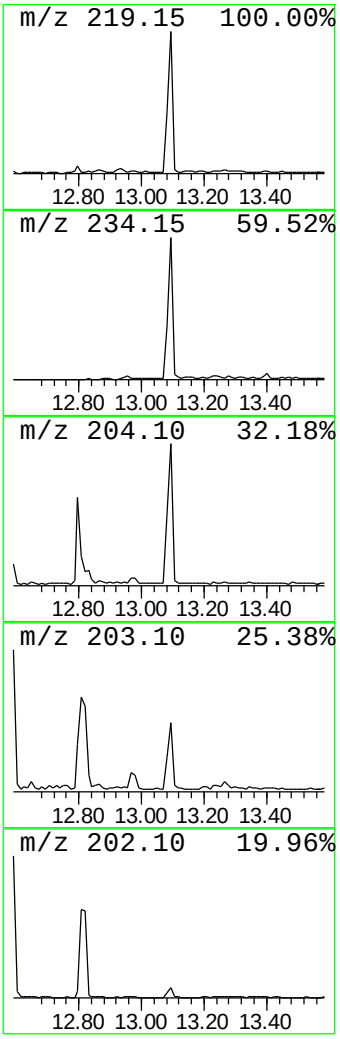
Peak Number 10 Phenanthrene, 1-methyl-7-(1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	9.82 ng	996537	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	50
5	3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	50





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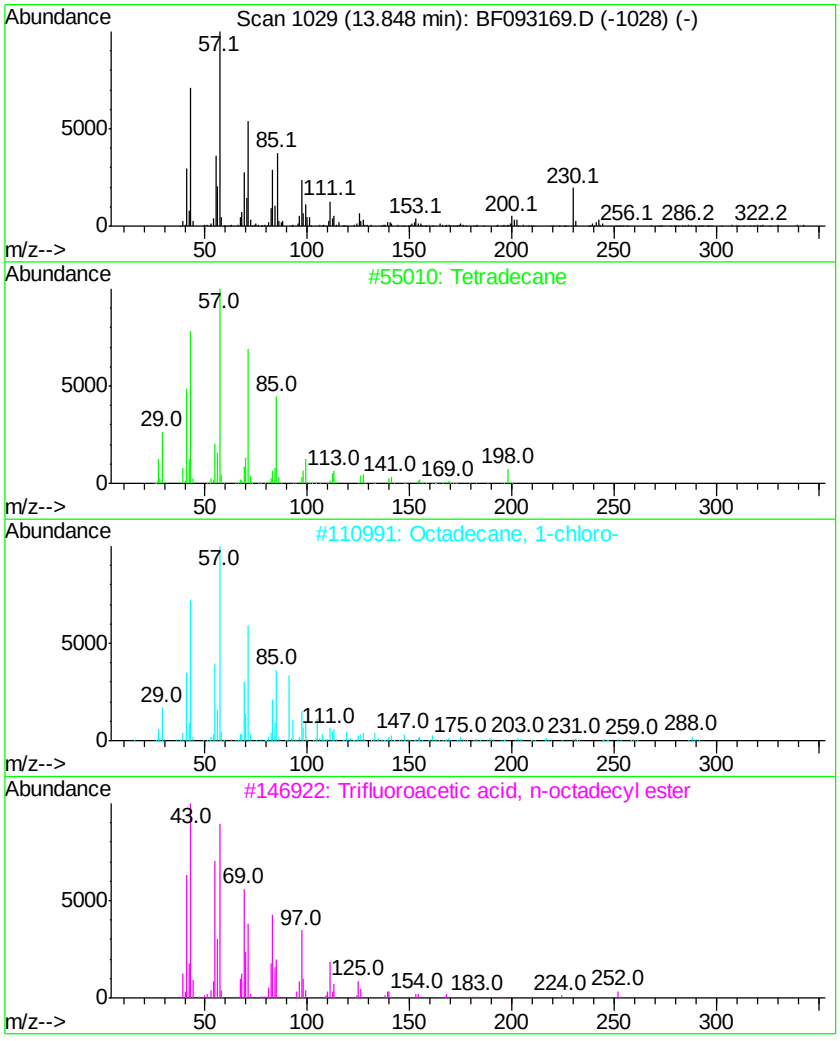
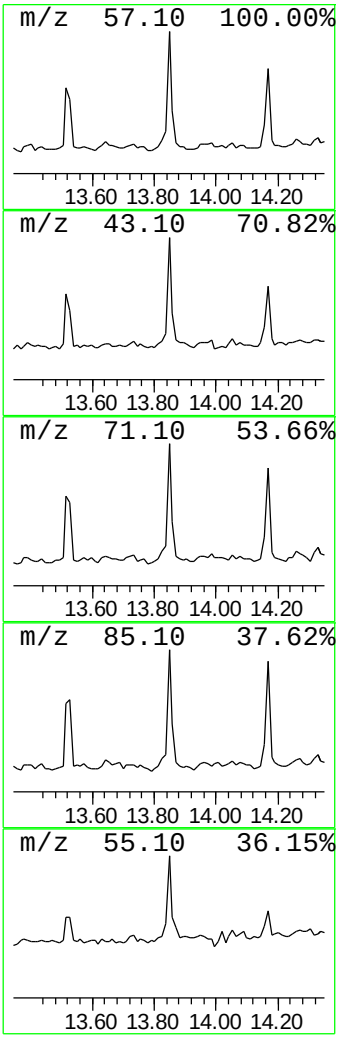
Peak Number 11 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.22 ng	631000	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	53
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
5	Octadecane	254	C18H38	000593-45-3	53





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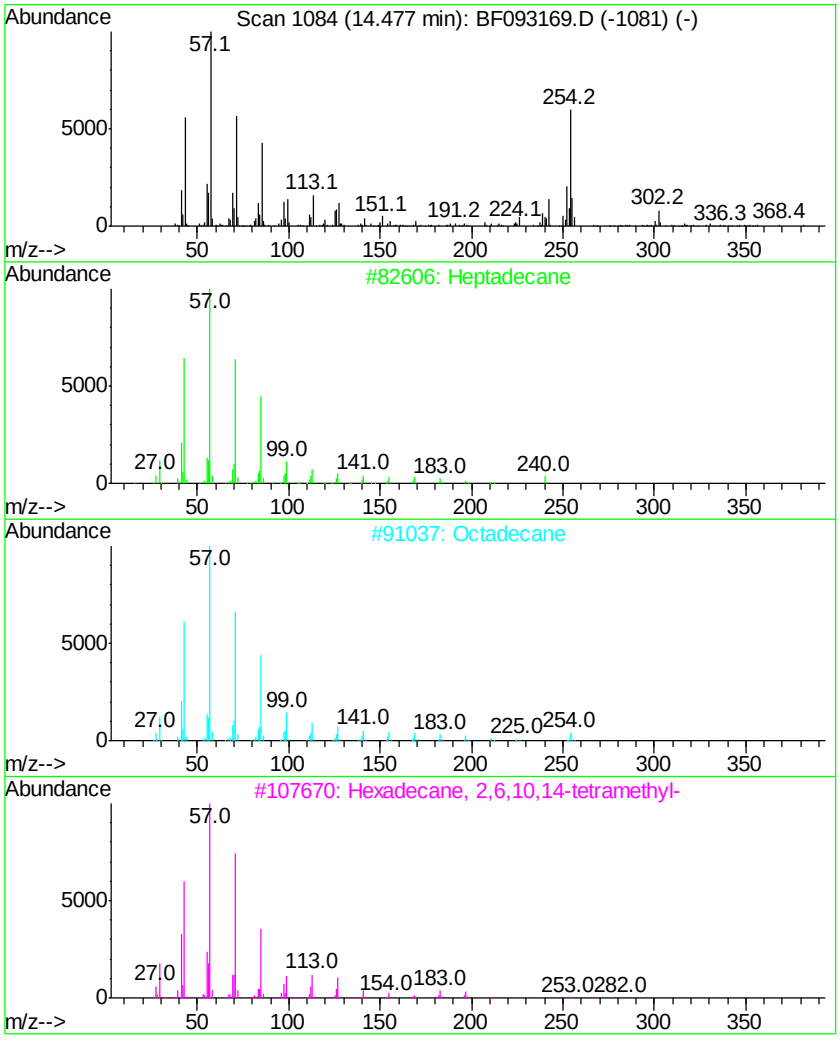
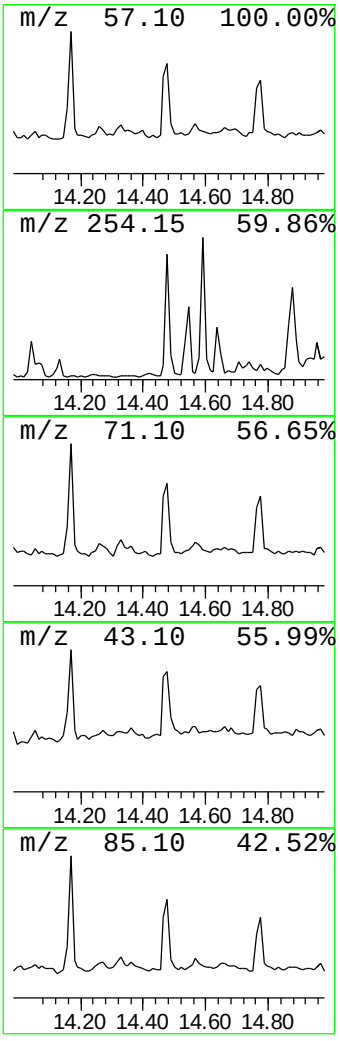
Peak Number 12 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.96 ng	503444	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Octadecane	254	C18H38	000593-45-3	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
4	Pentacosane	352	C25H52	000629-99-2	59
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	42





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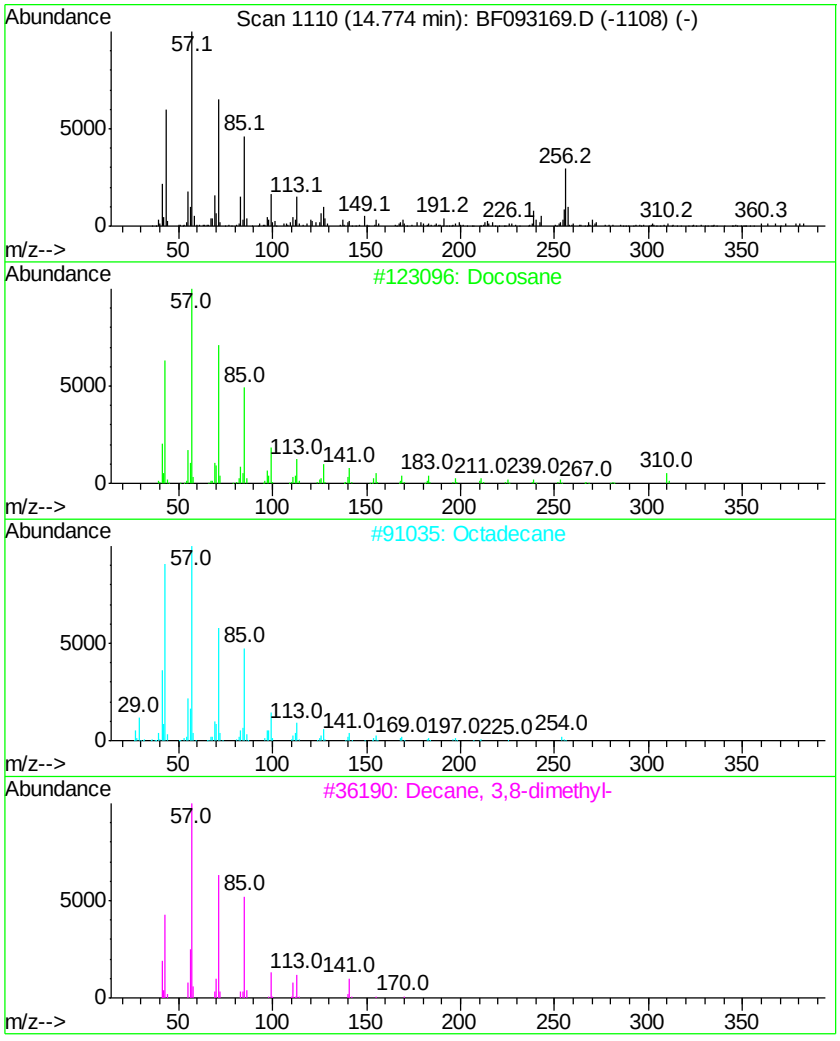
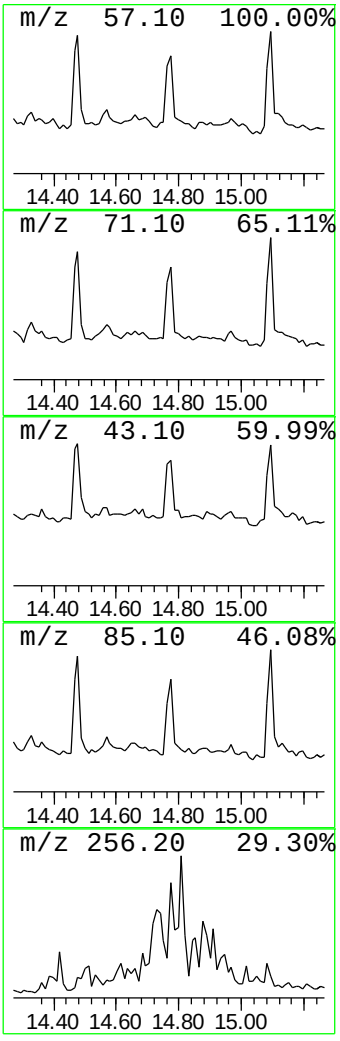
Peak Number 13 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.61 ng	245202	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	86
2	Octadecane	254	C18H38	000593-45-3	62
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
5	Nonadecane	268	C19H40	000629-92-5	58





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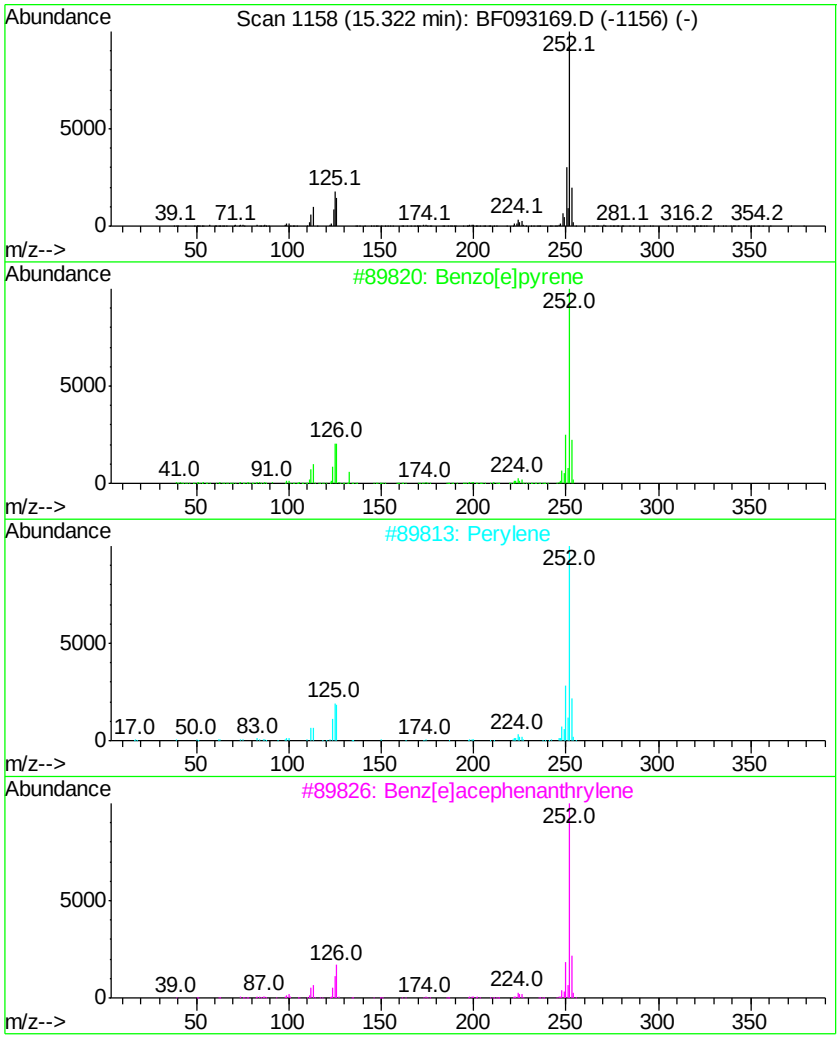
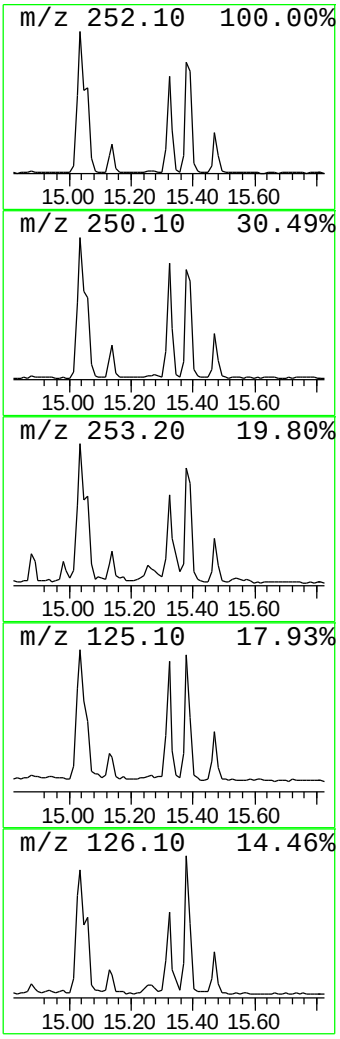
Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	18.78 ng	820226	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	99
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





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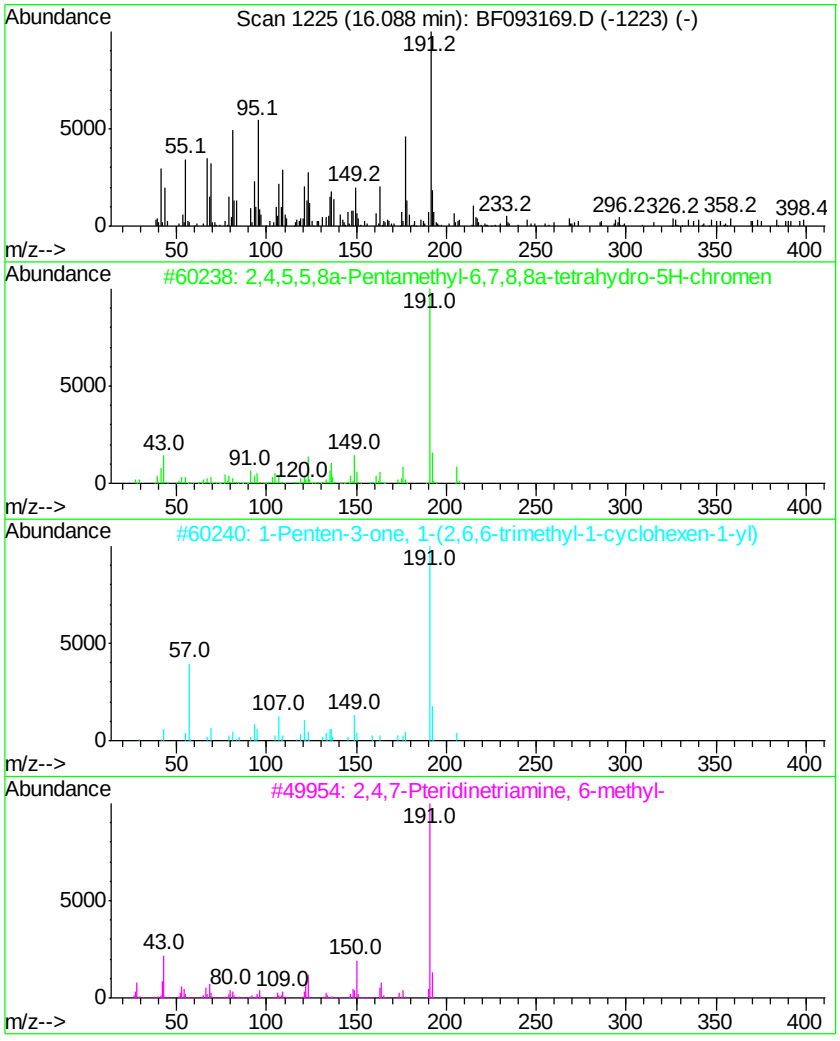
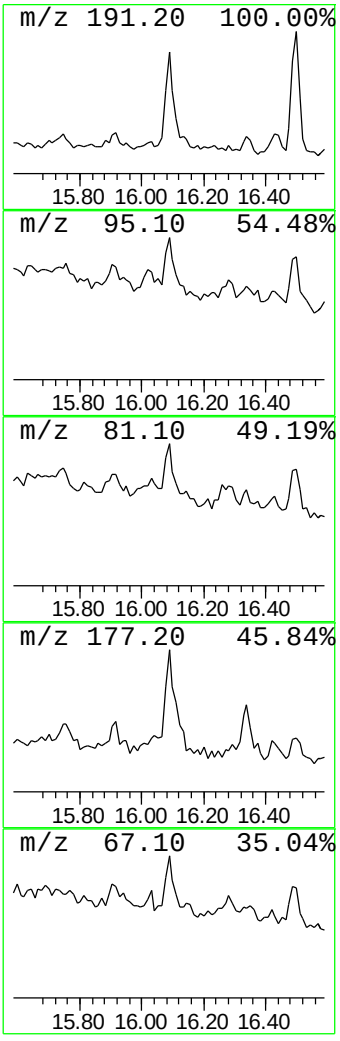
Peak Number 16 unknown16.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	11.78 ng	514409	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	30
4	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	27
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27





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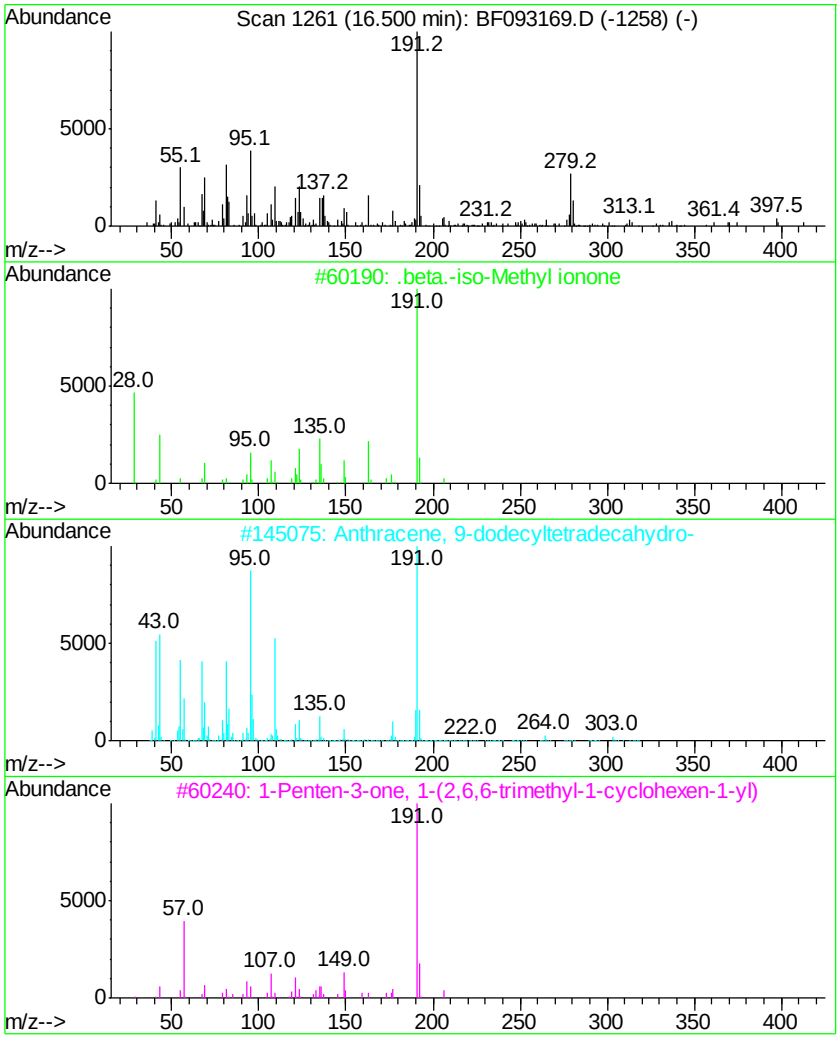
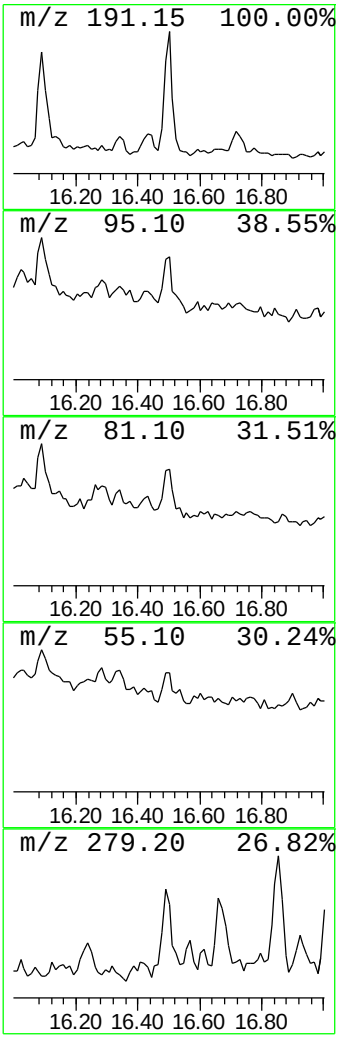
Peak Number 17 .beta.-iso-Methyl ionone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	10.16 ng	443826	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	37
5	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	37





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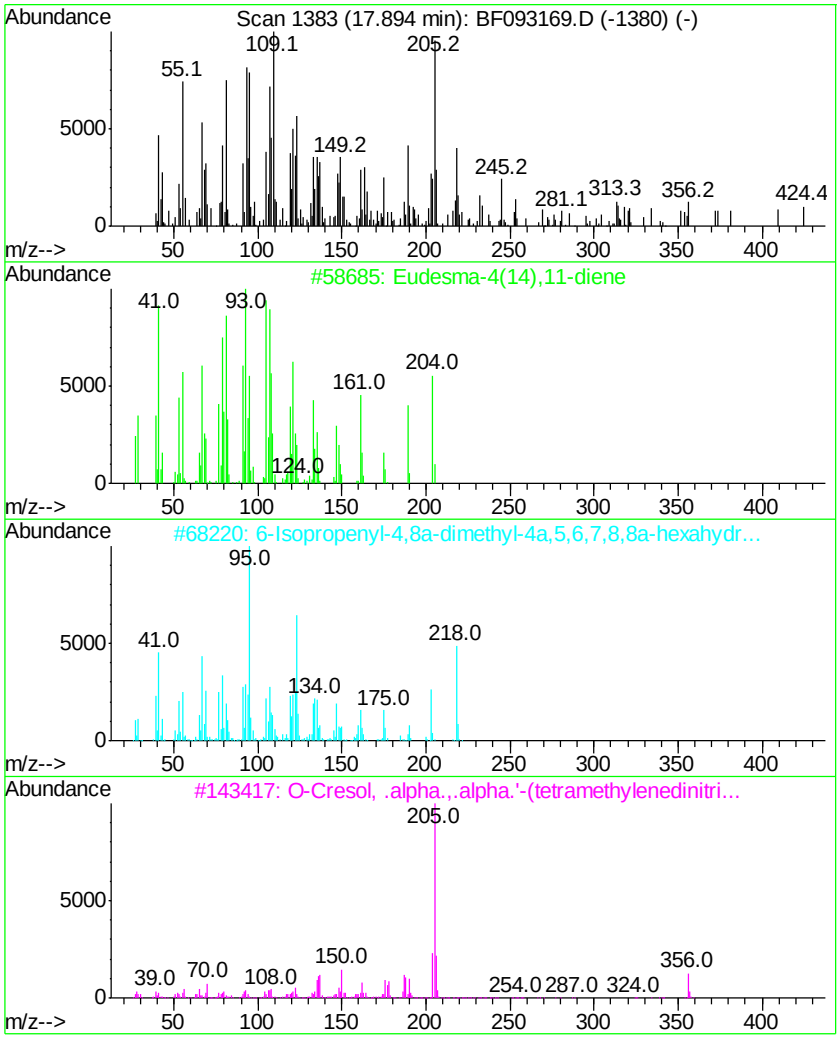
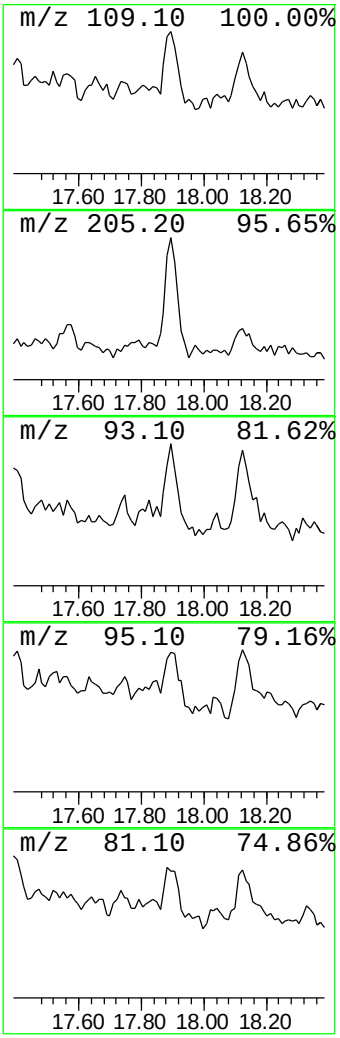
Peak Number 18 unknown17.89 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.47 ng	413457	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	40
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
3	O-Cresol, .alpha.,.alpha.'-(tetr...	356	C20H24N2O4	104978-24-7	25
4	Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	22
5	4,4'-Difluorobenzophenone	218	C13H8F2O	000345-92-6	22





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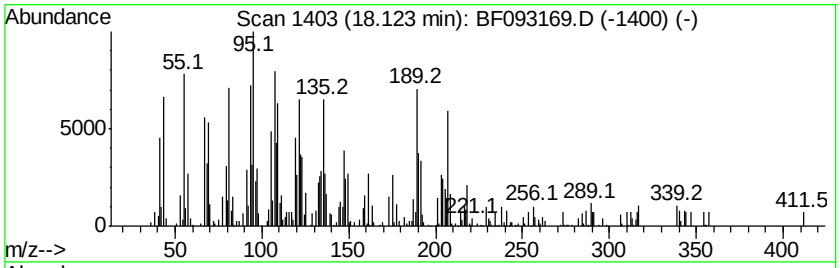
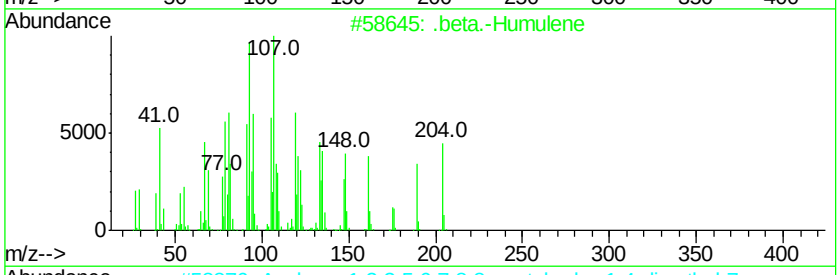
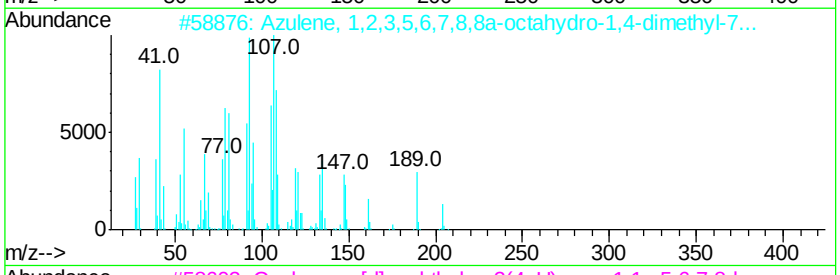
Peak Number 19 .beta.-Humulene Concentration Rank 8

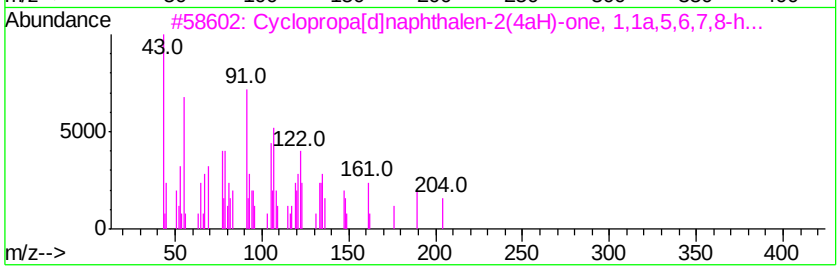
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	10.92 ng	476763	Perylene-d12	15.45

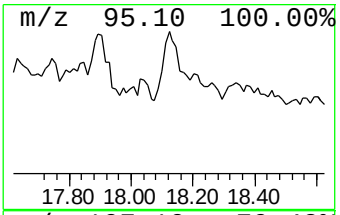
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Humulene	204	C15H24	000116-04-1	86
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	50
3	Cyclopropa[d]naphthalen-2(4aH)-o...	204	C14H20O	004677-90-1	46
4	1R,3Z,9S-2,6,10,10-Tetramethylbi...	204	C15H24	1000140-07-4	45
5	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	41

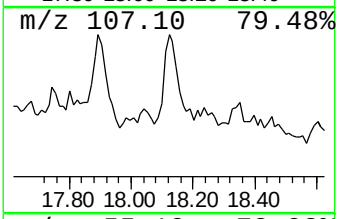


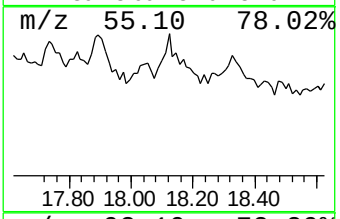


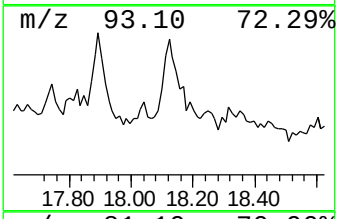


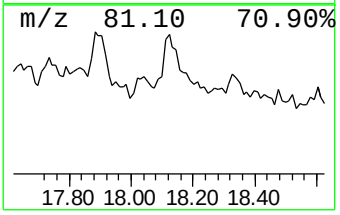












Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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

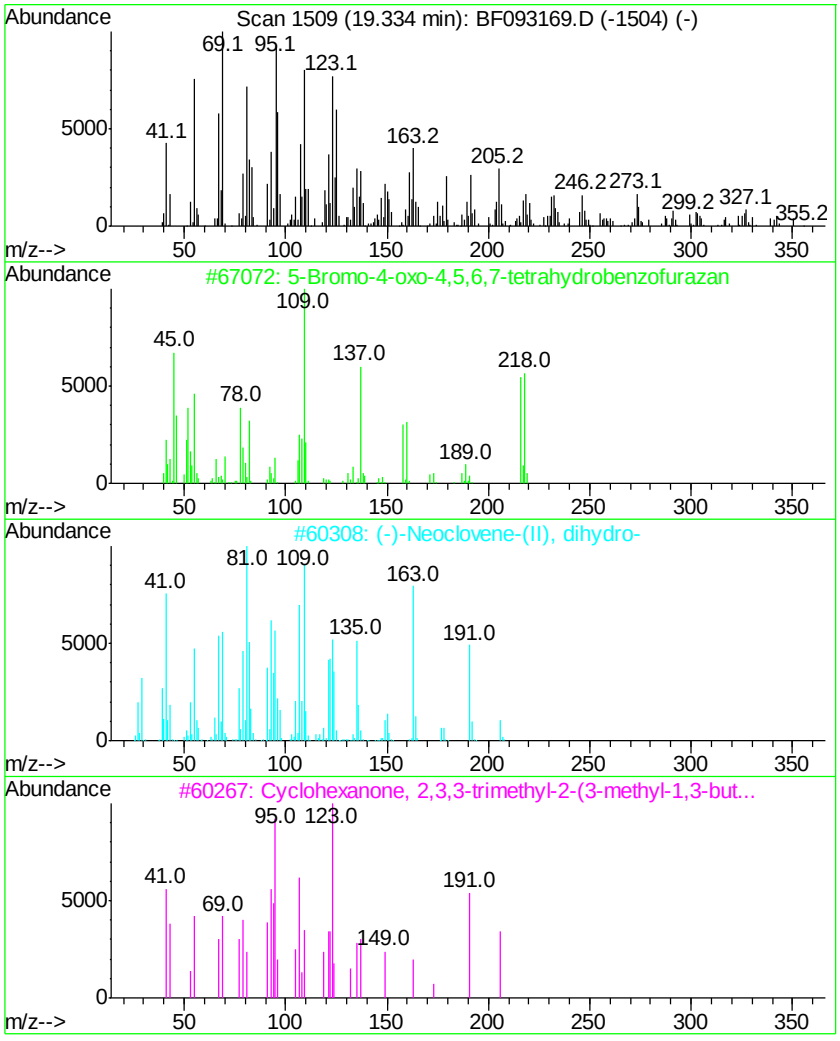
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

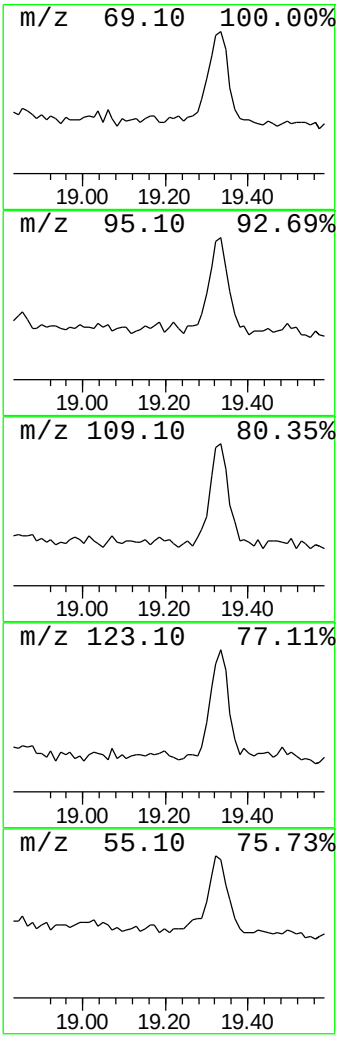
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	12.97 ng	566594	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
2	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	47
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	42
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	42
5	Sesquirosefuran	218	C15H22O	039007-93-7	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	34.8	ng	1889600	1	6.83	1086650	20.0
unknown6.60	6.60	69.0	ng	3751140	1	6.83	1086650	20.0
Benzene, 1,2,3-tr...	6.66	5.5	ng	299370	1	6.83	1086650	20.0
Benzene, 1-methyl...	6.91	19.4	ng	1055810	1	6.83	1086650	20.0
Eicosane	9.29	5.7	ng	392389	3	9.88	1386500	20.0
Dodecane, 4,6-dim...	10.30	5.3	ng	366038	3	9.88	1386500	20.0
Tridecane	10.78	9.7	ng	625373	4	11.37	1286830	20.0
Phenanthrene, 1-m...	13.09	9.8	ng	996537	5	14.01	2029430	20.0
Tetradecane	13.85	6.2	ng	631000	5	14.01	2029430	20.0
Heptadecane	14.48	5.0	ng	503444	5	14.01	2029430	20.0
Docosane	14.77	5.6	ng	245202	6	15.45	873456	20.0
Benzo[e]pyrene	15.32	18.8	ng	820226	6	15.45	873456	20.0
unknown16.09	16.09	11.8	ng	514409	6	15.45	873456	20.0
.beta.-iso-Methyl...	16.50	10.2	ng	443826	6	15.45	873456	20.0
unknown17.89	17.89	9.5	ng	413457	6	15.45	873456	20.0
.beta.-Humulene	18.12	10.9	ng	476763	6	15.45	873456	20.0
5-Bromo-4-oxo-4,5...	19.33	13.0	ng	566594	6	15.45	873456	20.0