LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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	3.790	146	149	154	rVB	44893	68284	1.35%	0.099%
2	5.036	255	258	267	rBV	1449549	2186173	43.28%	3.158%
3	5.413	288	291	293	rBV	90769	142466	2.82%	0.206%
4	5.459	293	295	298	rVB	3972872	4433087	87.75%	6.404%
5	6.396	376	377	379	rVB	64339	85408	1.69%	0.123%
6	6.499	383	386	389	rVV	3729302	5051710	100.00%	7.298%
7	6.579	391	393	395	rVV2	62828	68834	1.36%	0.099%
8	6.624	395	397	400	rVV	4053304	4398703	87.07%	6.354%
9	6.682	400	402	405	rVB2	183690	258905	5.13%	0.374%
10	6.853	415	417	421	rBV	1276520	1154958	22.86%	1.668%
11	6.933	421	424	426	rVB	783418	740802	14.66%	1.070%
12	7.013	429	431	433	rBV	3862067	3615149	71.56%	5.222%
13	7.127	438	441	443	rVB3	47114	80251	1.59%	0.116%
14	7.173	443	445	448	rBV2	54971	82755	1.64%	0.120%
15	7.276	448	454	457	rVV3	125650	212023	4.20%	0.306%
16	7.424	464	467	469	rBV	3013502	3167819	62.71%	4.576%
17	7.459	469	470	472	rVB	115098	83346	1.65%	0.120%
18	7.767	493	497	499	rBV3	21890	58227	1.15%	0.084%
19	7.882	503	507	508	rBV2	144659	165794	3.28%	0.240%
20	7.916	508	510	513	rVB	846658	737859	14.61%	1.066%
21	8.099	523	526	527	rBV	71584	107717	2.13%	0.156%
22	8.145	527	530	534	rVB2	1105591	1893988	37.49%	2.736%
23	8.487	558	560	564	rBV4	34150	79156	1.57%	0.114%
24	8.556	564	566	571	rVB3	29901	62871	1.24%	0.091%
25	8.727	579	581	585	rVB	78284	77122	1.53%	0.111%
26	8.853	588	592	593	rVB	81700	85669	1.70%	0.124%
27	9.219	621	624	626	rBV	4737733	4981380	98.61%	7.196%
28	9.299	626	631	635	rVV4	48291	132251	2.62%	0.191%
29	9.356	635	636	639	rVB	118079	104768	2.07%	0.151%
30	9.470	642	646	648	rBV2	40059	77308	1.53%	0.112%
31	9.550	648	653	654	rBV2	135609	165280	3.27%	0.239%
32	9.608	656	658	660	rVB	1022005	916215	18.14%	1.324%
33	9.756	668	671	673	rVB2	48750	76563	1.52%	0.111%
34	9.825	673	677	678	rBV3	114392	201412	3.99%	0.291%

LSC Area Percent Report

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Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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

35	9.893	680	683	684	rVV	1591567	1545277	30.59%	2.232%
36	9.916	684	685	688	rVB2	80912	85870	1.70%	0.124%
37	10.008	690	693	694	rBV2	32640	52379	1.04%	0.076%
38	10.042	694	696	698	rBV	65228	71415	1.41%	0.103%
39	10.099	698	701	703	rBV2	61416	89235	1.77%	0.129%
40	10.179	706	708	709	rBV	51703	53756	1.06%	0.078%
41	10.316	717	720	722	rVB3	97051	148280	2.94%	0.214%
42	10.431	729	730	733	rBV	61489	69692	1.38%	0.101%
43	10.545	736	740	741	rBV2	48445	72979	1.44%	0.105%
44	10.682	749	752	755	rBV	2423903	2461224	48.72%	3.555%
45	10.796	760	762	766	rBV	191666	312243	6.18%	0.451%
46	10.979	776	778	780	rBV3	59712	99919	1.98%	0.144%
47	11.036	782	783	785	rVV2	47717	66739	1.32%	0.096%
48	11.173	794	795	797	rVB2	49736	50896	1.01%	0.074%
49	11.242	799	801	802	rBV	169888	151864	3.01%	0.219%
50	11.265	802	803	806	rVB	67540	103770	2.05%	0.150%
51	11.345	806	810	811	rBV2	68420	165342	3.27%	0.239%
52	11.379	811	813	816	rBV2	1095065	1831994	36.26%	2.646%
53	11.448	818	819	821	rVB	216791	172853	3.42%	0.250%
54	11.482	821	822	823	rBV	74751	75259	1.49%	0.109%
55	11.608	831	833	835	rBV	180954	258649	5.12%	0.374%
56	11.665	836	838	840	rBV	179777	254816	5.04%	0.368%
57	11.939	860	862	864	rBV	562438	542130	10.73%	0.783%
58	12.465	907	908	911	rVB2	235688	231008	4.57%	0.334%
59	12.591	917	919	921	rVB	1103693	1073138	21.24%	1.550%
60	12.625	921	922	924	rBV2	421515	569418	11.27%	0.823%
61	12.819	936	939	942	rVB	1572061	1786138	35.36%	2.580%
62	12.968	949	952	954	rVB	2545376	3442845	68.15%	4.973%
63	13.036	954	958	962	rBV3	130019	226922	4.49%	0.328%
64	13.094	962	963	964	rVV	268179	210962	4.18%	0.305%
65	13.139	964	967	969	rVV	196897	344688	6.82%	0.498%
66	13.185	969	971	974	rVV2	183455	298782	5.91%	0.432%
67	13.242	974	976	980	rVB2	214023	341478	6.76%	0.493%
68	13.334	982	984	986	rVB2	102094	118926	2.35%	0.172%
69	13.528	999	1001	1003	rBV	223240	259656	5.14%	0.375%
70	13.654	1010	1012	1014	rVB	168120	188441	3.73%	0.272%
71	13.757	1019	1021	1023	rVV2	155193	242618	4.80%	0.350%

LSC Area Percent Report

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Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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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

72	13.791	1023	1024	1025	rVV	153750	130780	2.59%	0.189%
73	13.859	1028	1030	1032	rVV	576113	806805	15.97%	1.165%
74	13.894	1032	1033	1035	rVB	215960	206611	4.09%	0.298%
75	14.008	1040	1043	1050	rVB2	1065851	2423555	47.97%	3.501%
76	14.168	1055	1057	1061	rBV4	123881	246216	4.87%	0.356%
77	14.397	1075	1077	1079	rBV	109086	117652	2.33%	0.170%
78	14.431	1079	1080	1082	rBV2	79307	83885	1.66%	0.121%
79	14.488	1082	1085	1087	rBV	278085	492838	9.76%	0.712%
80	14.774	1108	1110	1114	rBV3	124183	174143	3.45%	0.252%
81	15.037	1130	1133	1137	rBV	708708	1441743	28.54%	2.083%
82	15.094	1137	1138	1140	rVV2	337848	424895	8.41%	0.614%
83	15.128	1140	1141	1143	rVB2	117969	151972	3.01%	0.220%
84	15.322	1156	1158	1161	rVB	398387	486568	9.63%	0.703%
85	15.380	1161	1163	1166	rVV	411452	552172	10.93%	0.798%
86	15.448	1166	1169	1177	rVB2	650247	1170639	23.17%	1.691%
87	15.871	1203	1206	1209	rBV	736847	1286992	25.48%	1.859%
88	15.928	1209	1211	1214	rVB3	117291	207988	4.12%	0.300%
89	16.100	1224	1226	1234	rVB4	141711	478887	9.48%	0.692%
90	16.511	1260	1262	1270	rVB5	123856	342127	6.77%	0.494%
91	16.843	1288	1291	1294	rBV2	186289	415407	8.22%	0.600%
92	17.014	1302	1306	1307	rBV3	74624	220140	4.36%	0.318%
93	17.277	1325	1329	1333	rBV	140074	322790	6.39%	0.466%
94	17.391	1336	1339	1346	rVB6	112416	430486	8.52%	0.622%
95	17.940	1384	1387	1391	rVB2	108782	270739	5.36%	0.391%
96	18.523	1435	1438	1443	rVB2	260254	703468	13.93%	1.016%
97	18.626	1444	1447	1452	rVB4	75337	198968	3.94%	0.287%
98	18.820	1459	1464	1474	rVB2	194079	784757	15.53%	1.134%
99	19.357	1506	1511	1516	rBV2	228633	688209	13.62%	0.994%
100	19.529	1522	1526	1527	rBV3	54715	137503	2.72%	0.199%

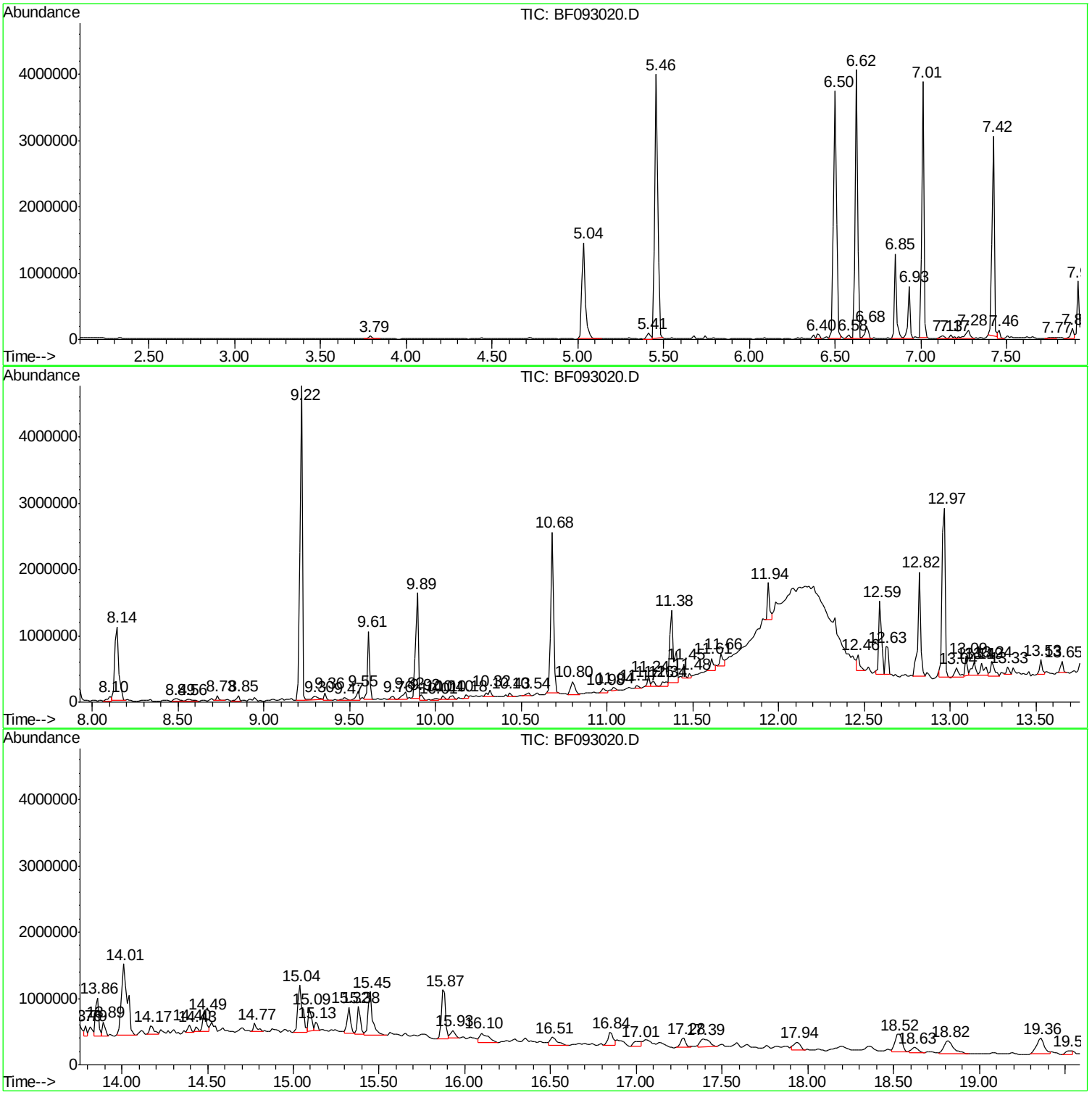
Sum of corrected areas: 69224789

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
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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

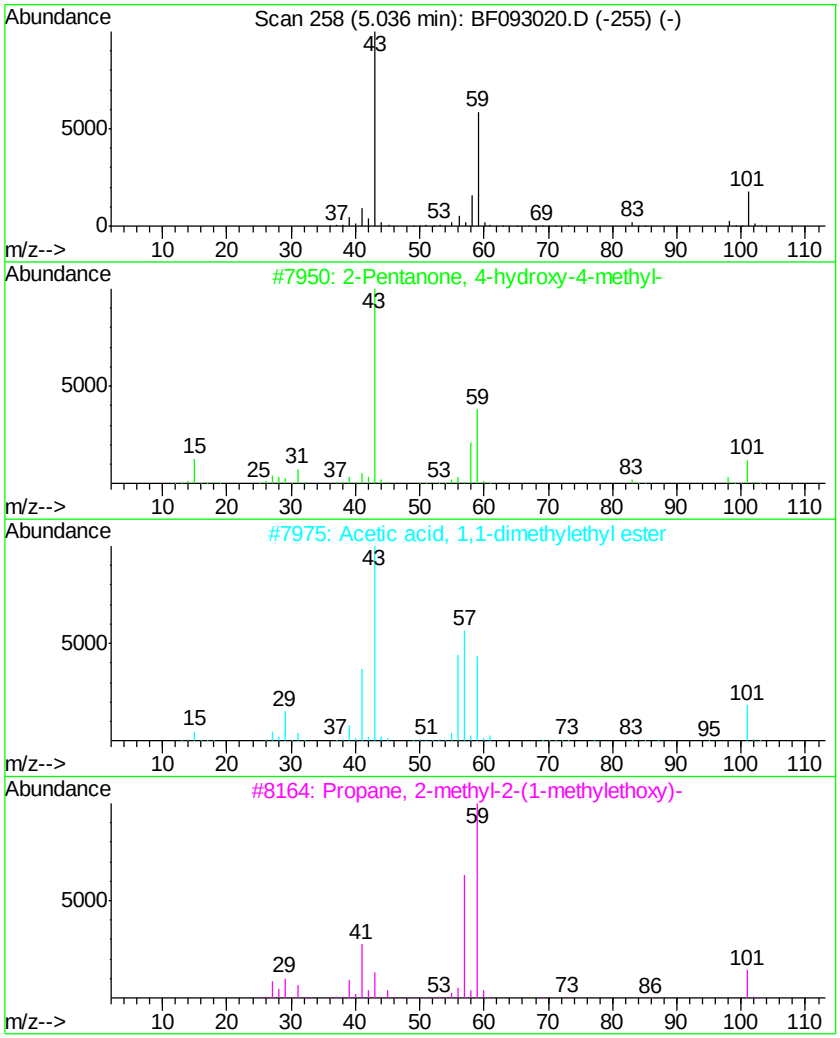
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

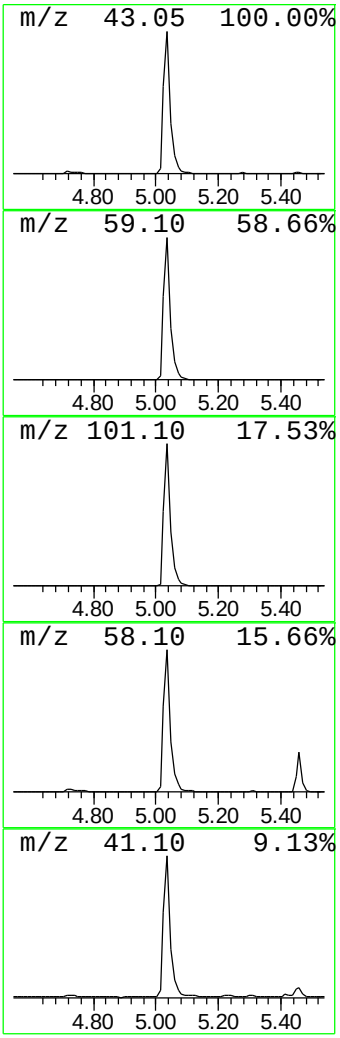
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	37.86 ng	2186170	1,4-Dichlorobenzene-d4	6.85

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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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

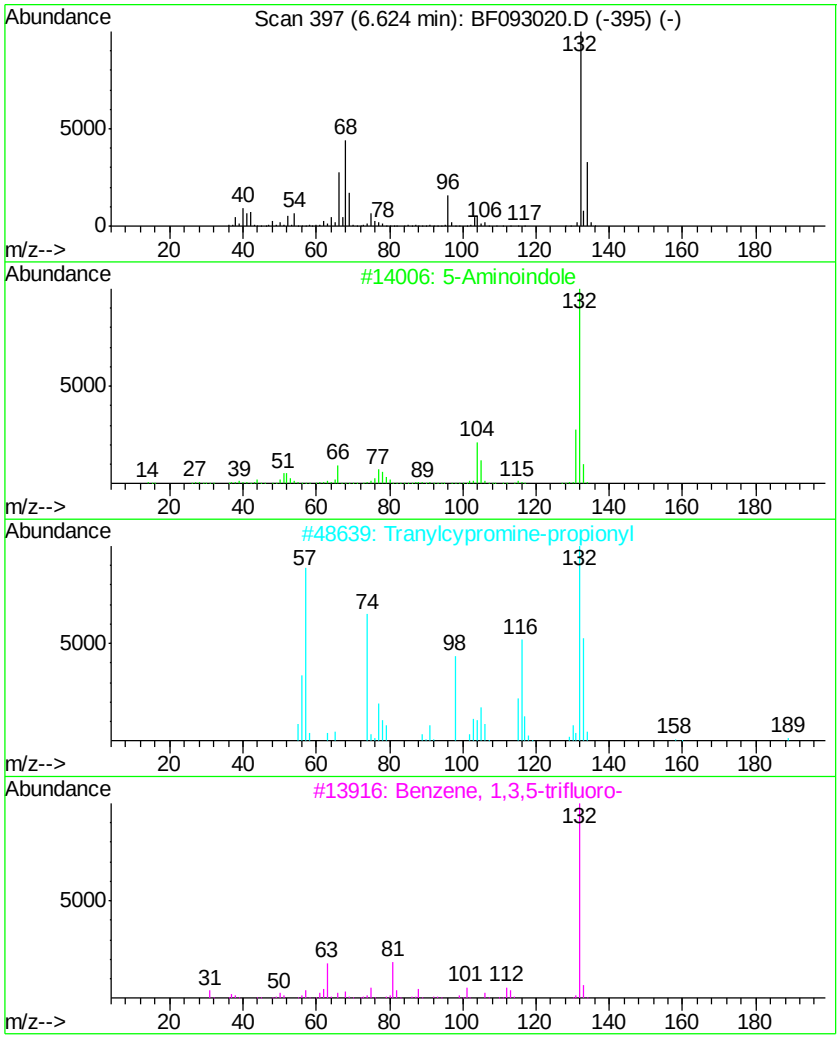
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

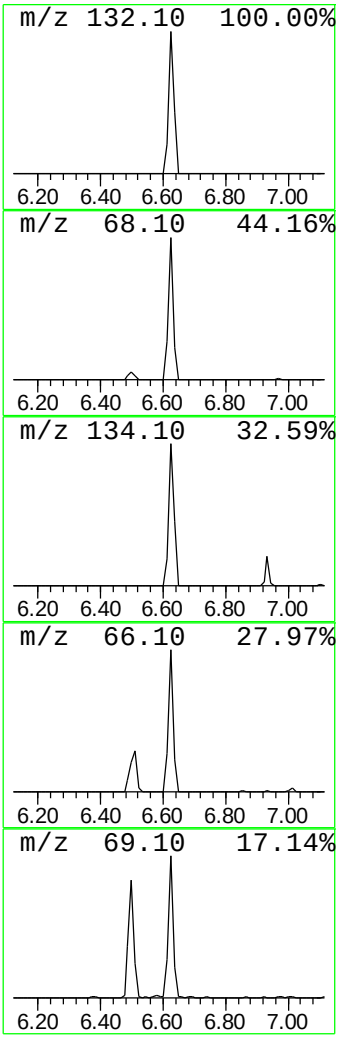
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	76.17 ng	4398700	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
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





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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

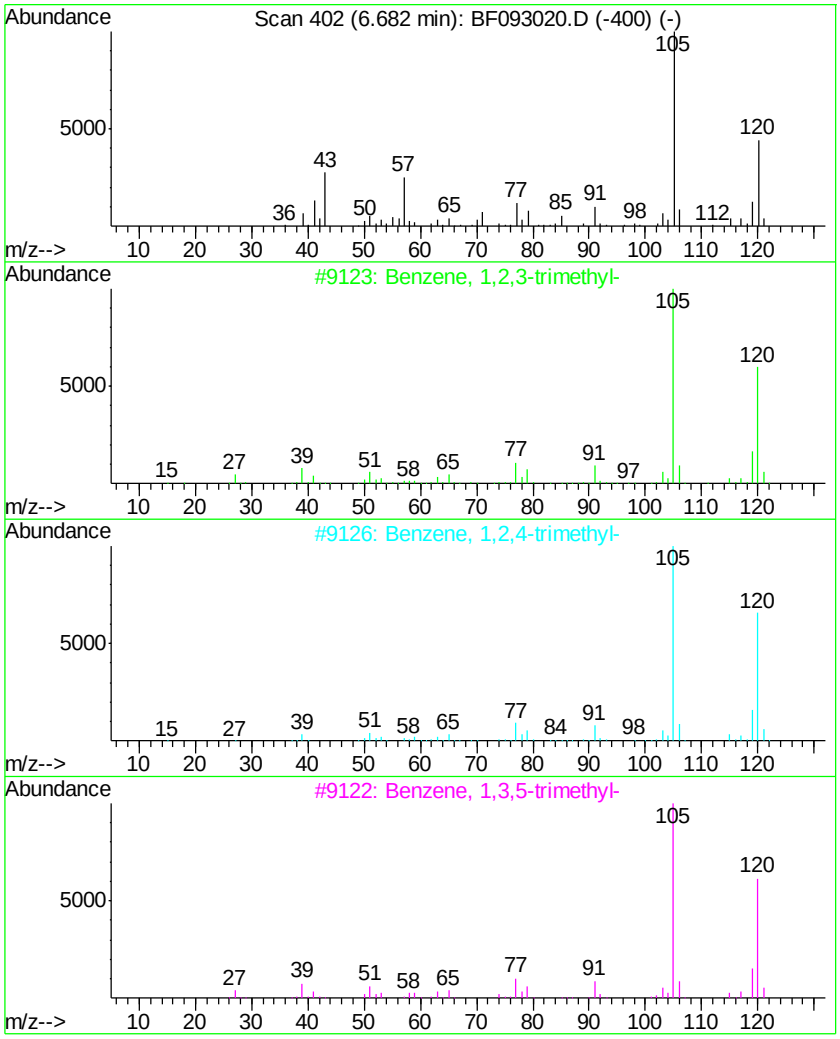
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

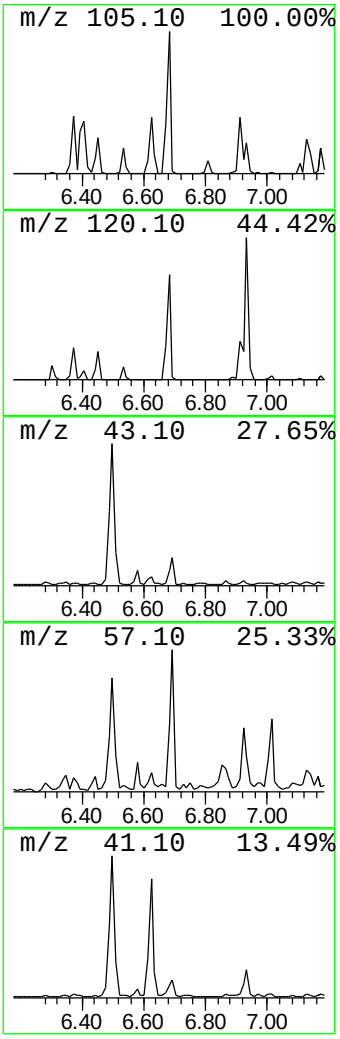
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.48 ng	258905	1,4-Dichlorobenzene-d4	6.85

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	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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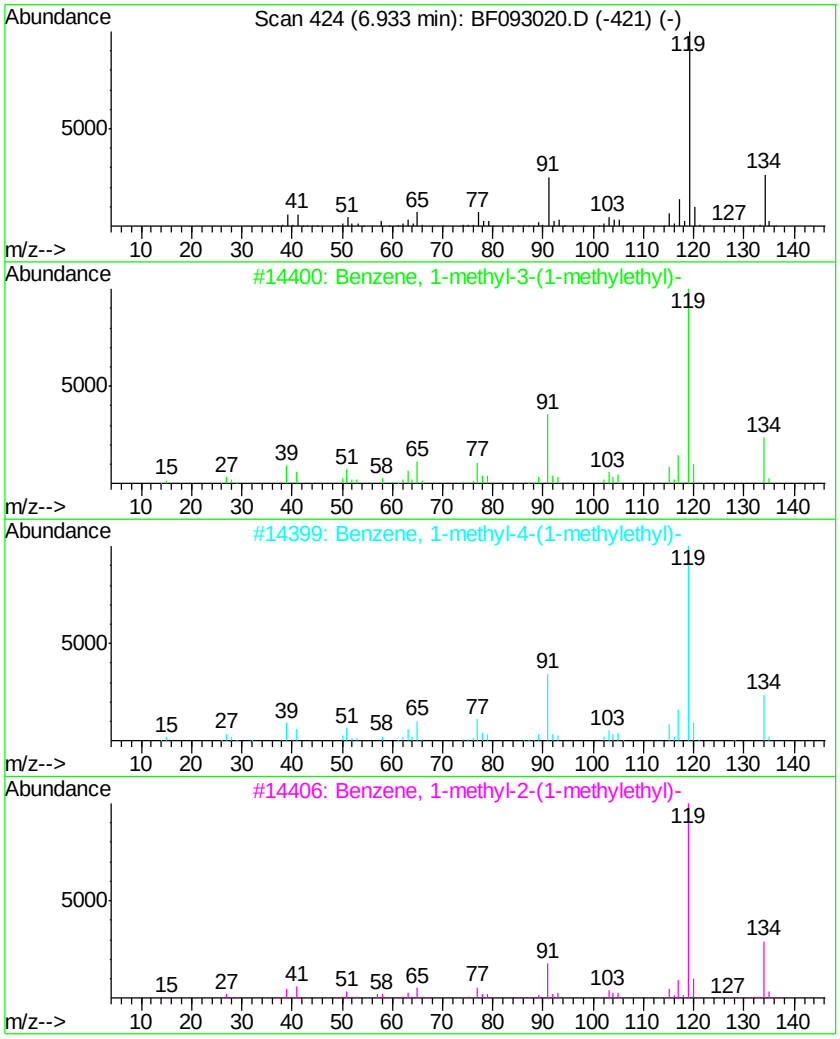
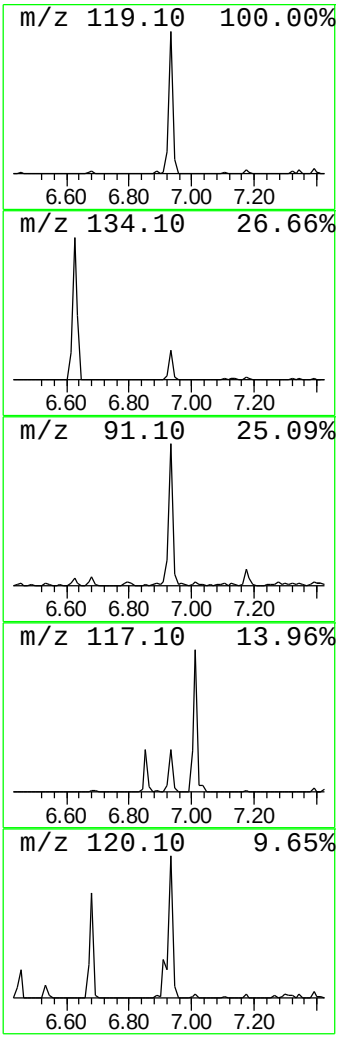
Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	12.83 ng	740802	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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

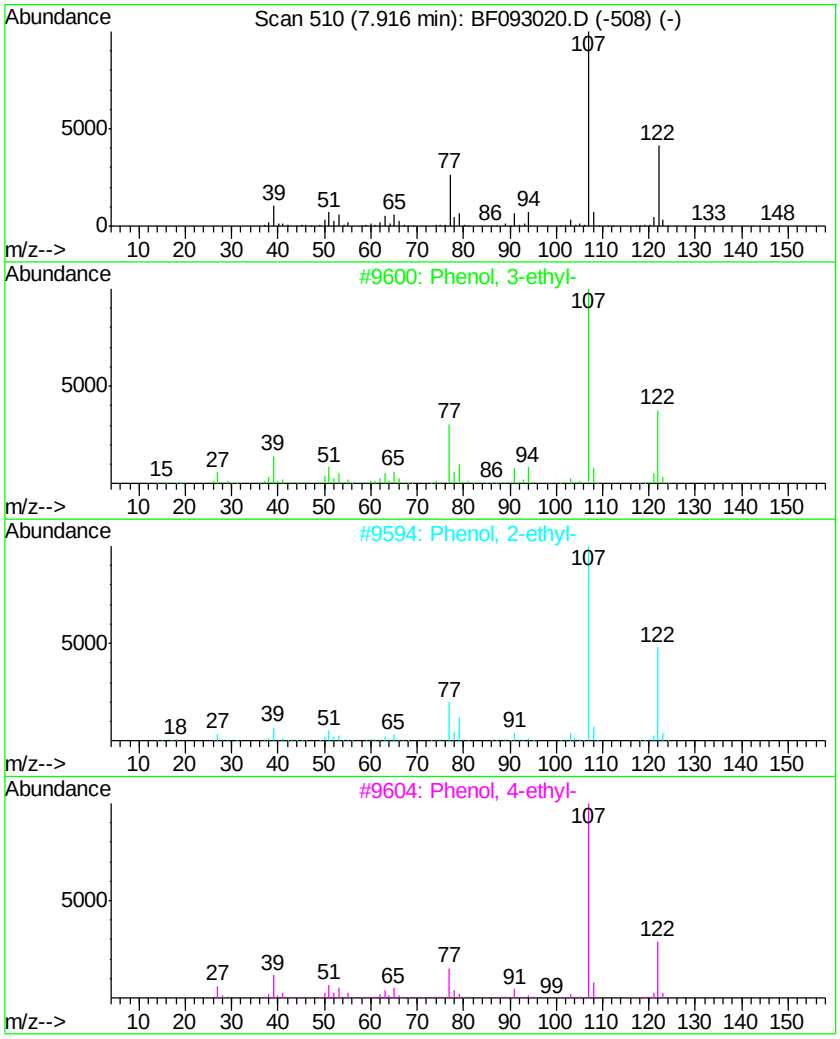
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

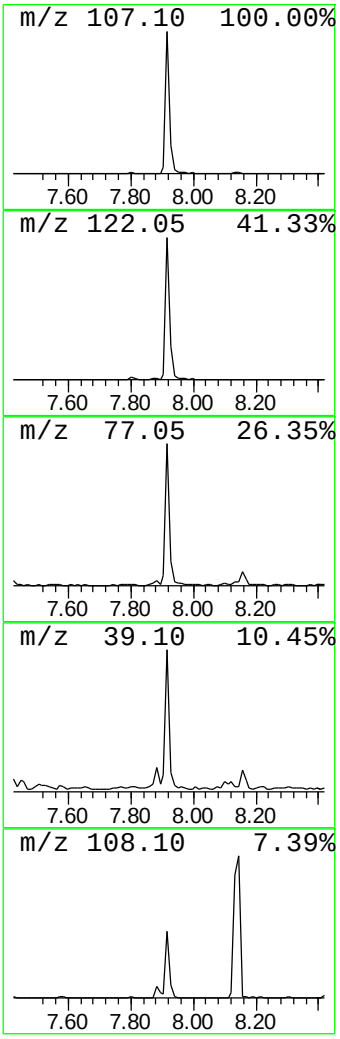
****

Peak Number 6 Phenol, 3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	7.79 ng	737859	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
4	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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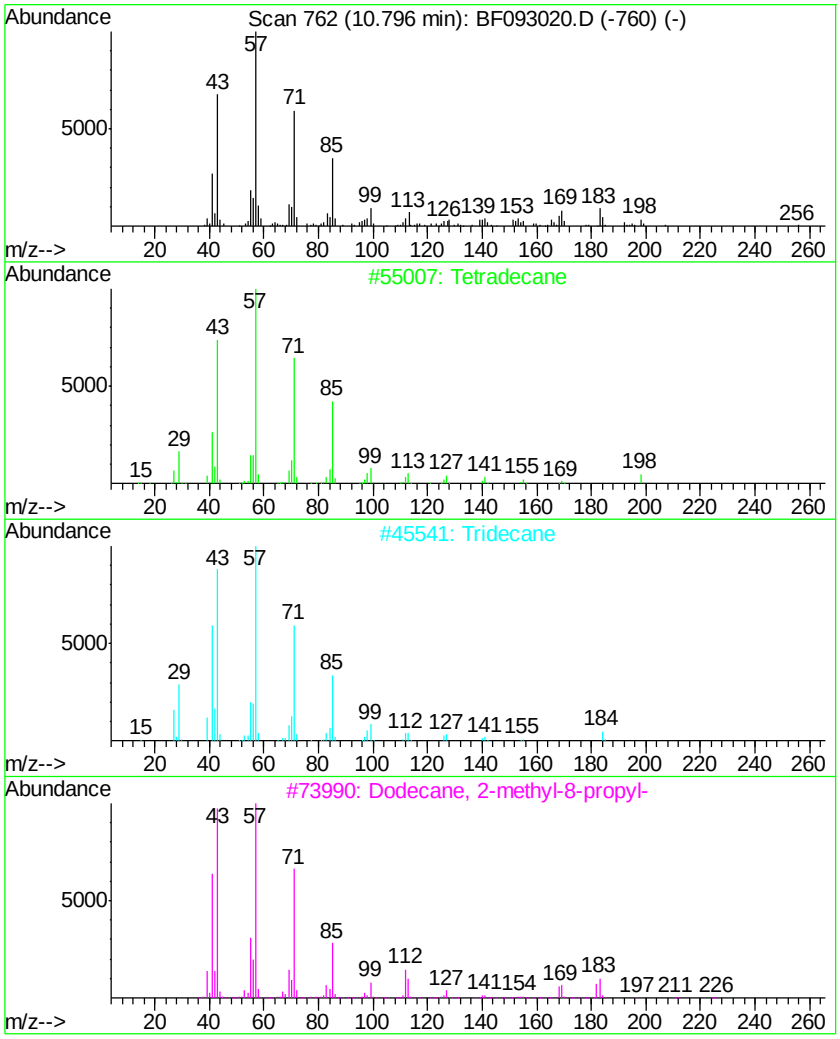
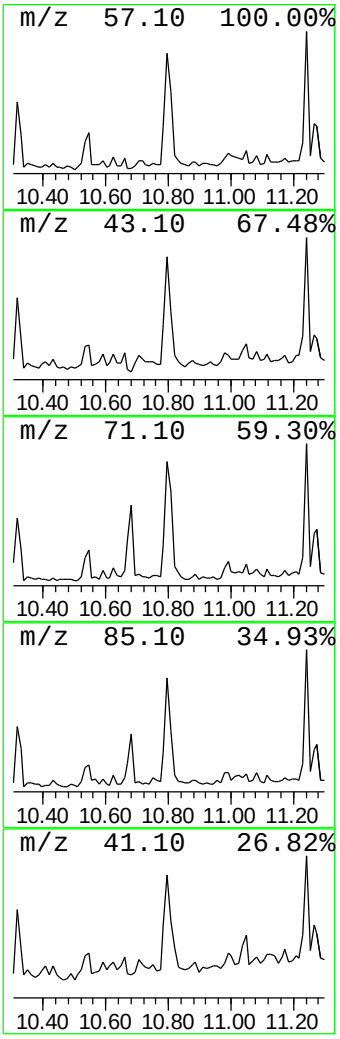
Peak Number 7 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.41 ng	312243	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	81
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Octadecane	254	C18H38	000593-45-3	72





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Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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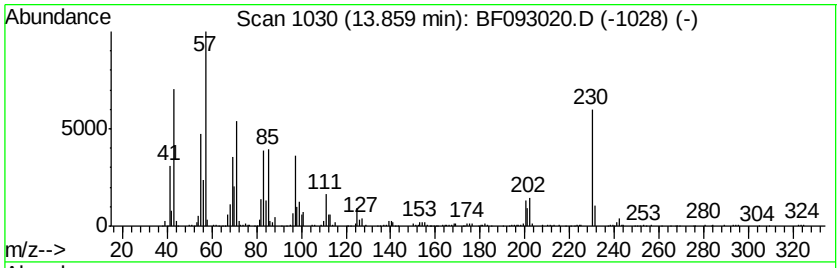
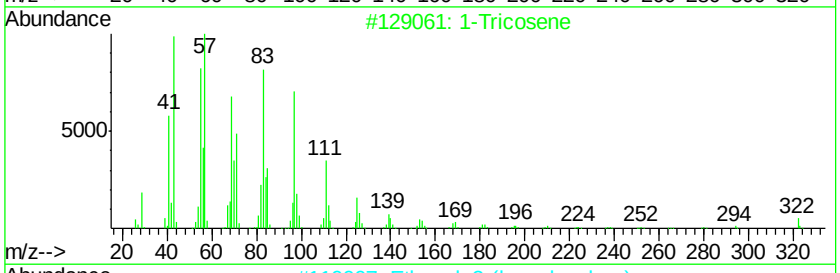
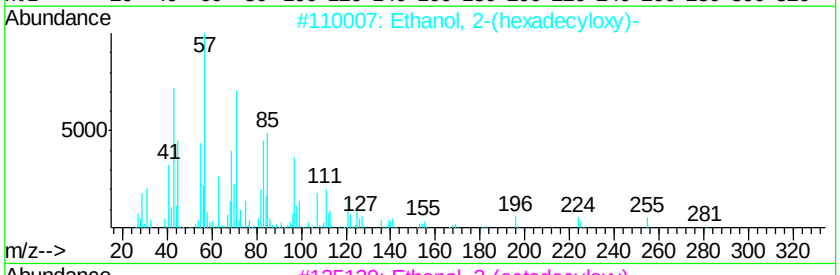
Peak Number 8 1-Tricosene Concentration Rank 13

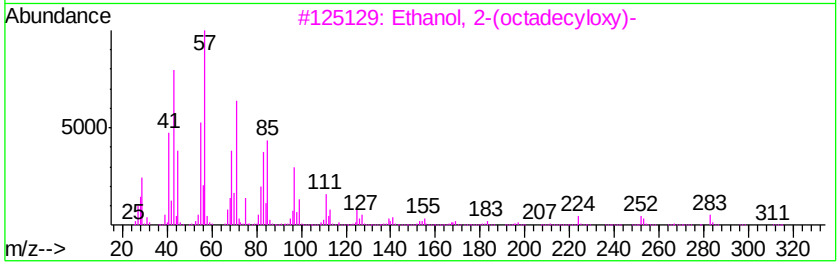
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.66 ng	806805	Chrysene-d12	14.01

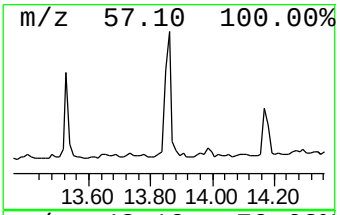
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	81
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	58
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	52
4	11-Tricosene	322	C23H46	052078-56-5	42
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	42

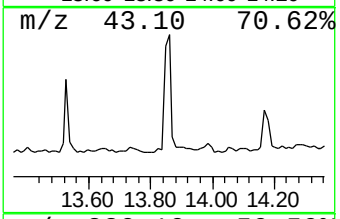


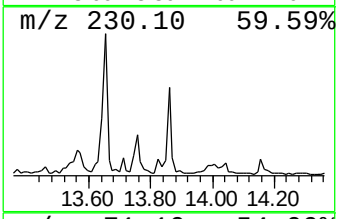


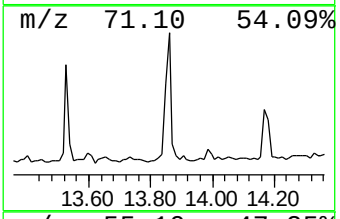


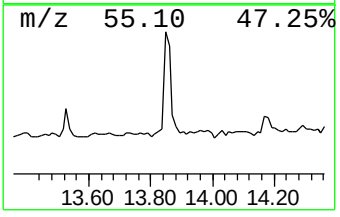












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Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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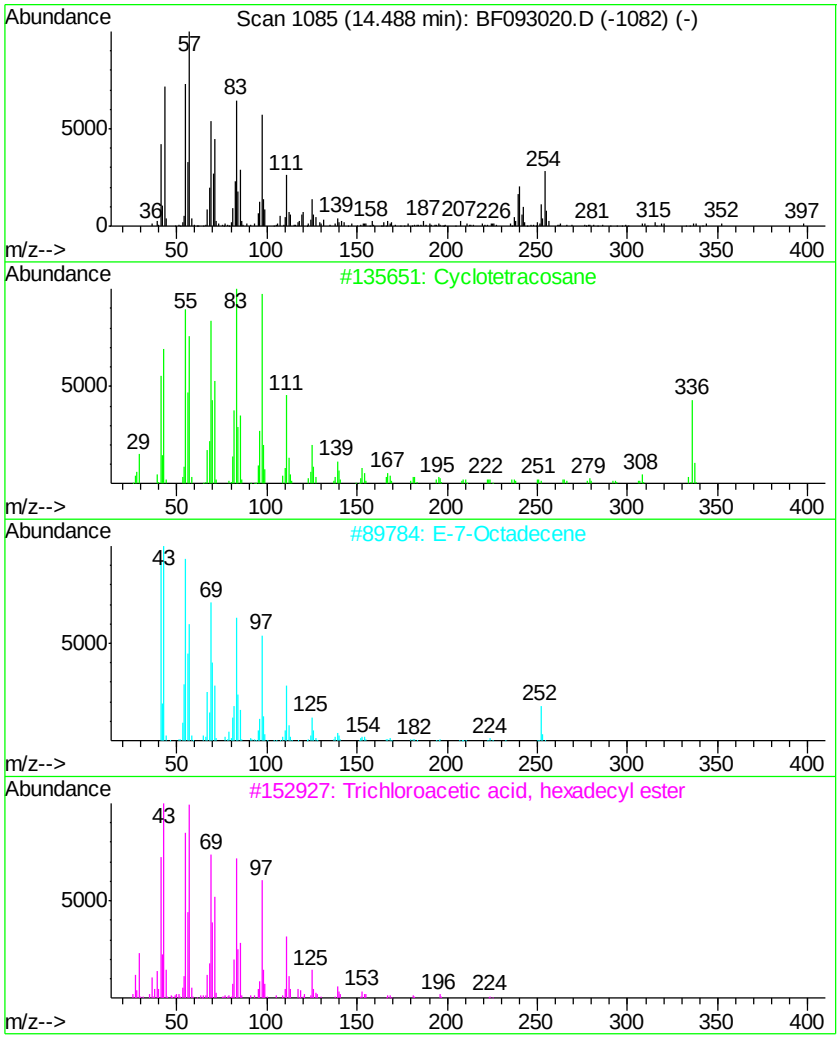
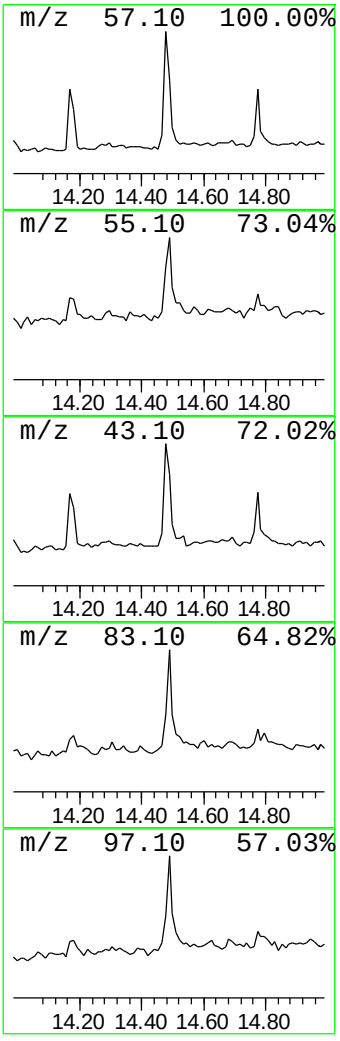
Peak Number 9 Cyclotetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.07 ng	492838	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	E-7-Octadecene	252	C18H36	1000130-92-0	89
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
4	17-Pentatriacontene	491	C35H70	006971-40-0	70
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70





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Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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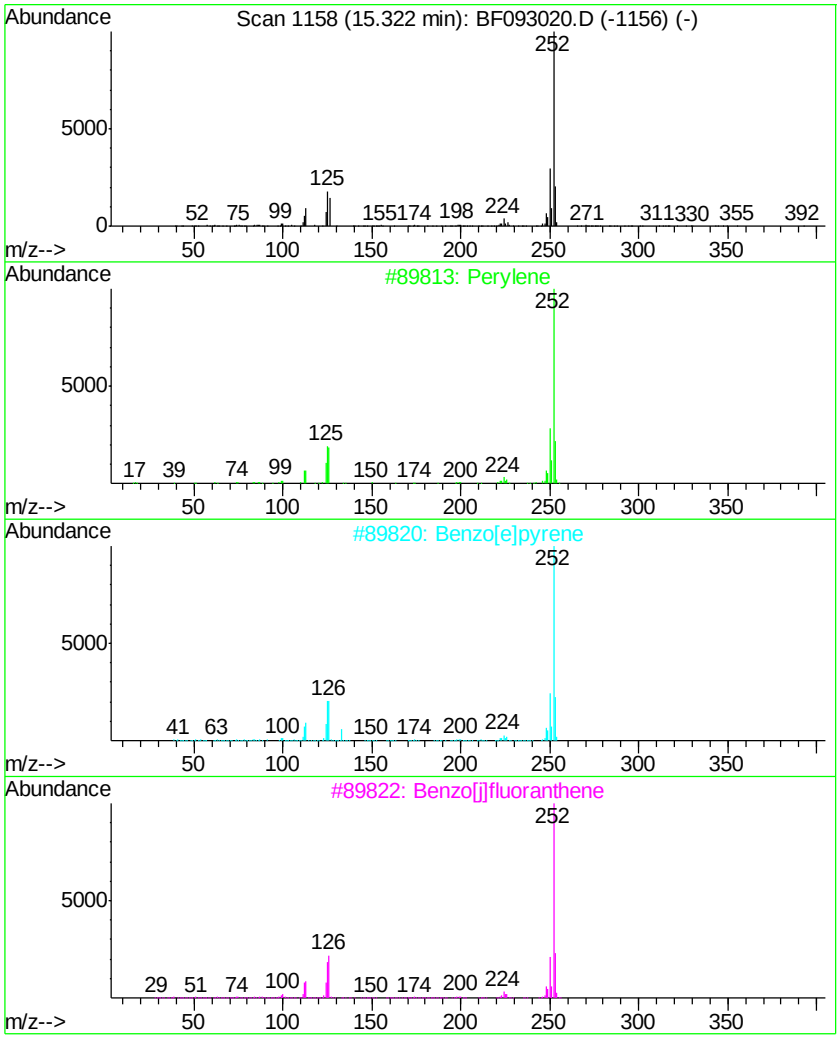
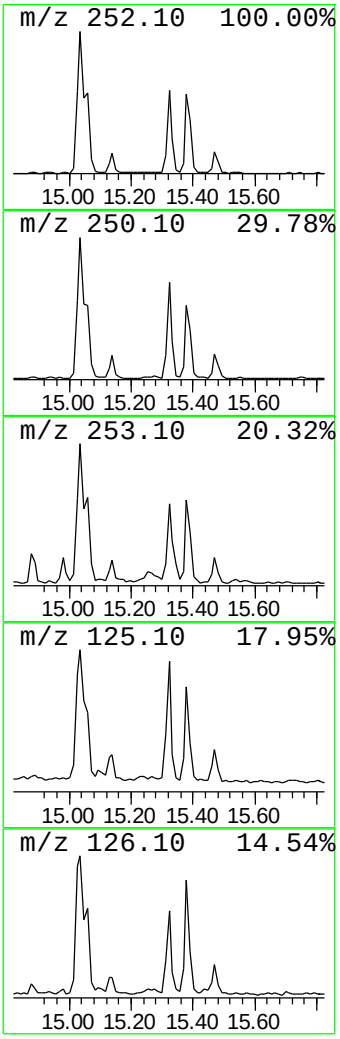
Peak Number 10 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	8.31 ng	486568	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	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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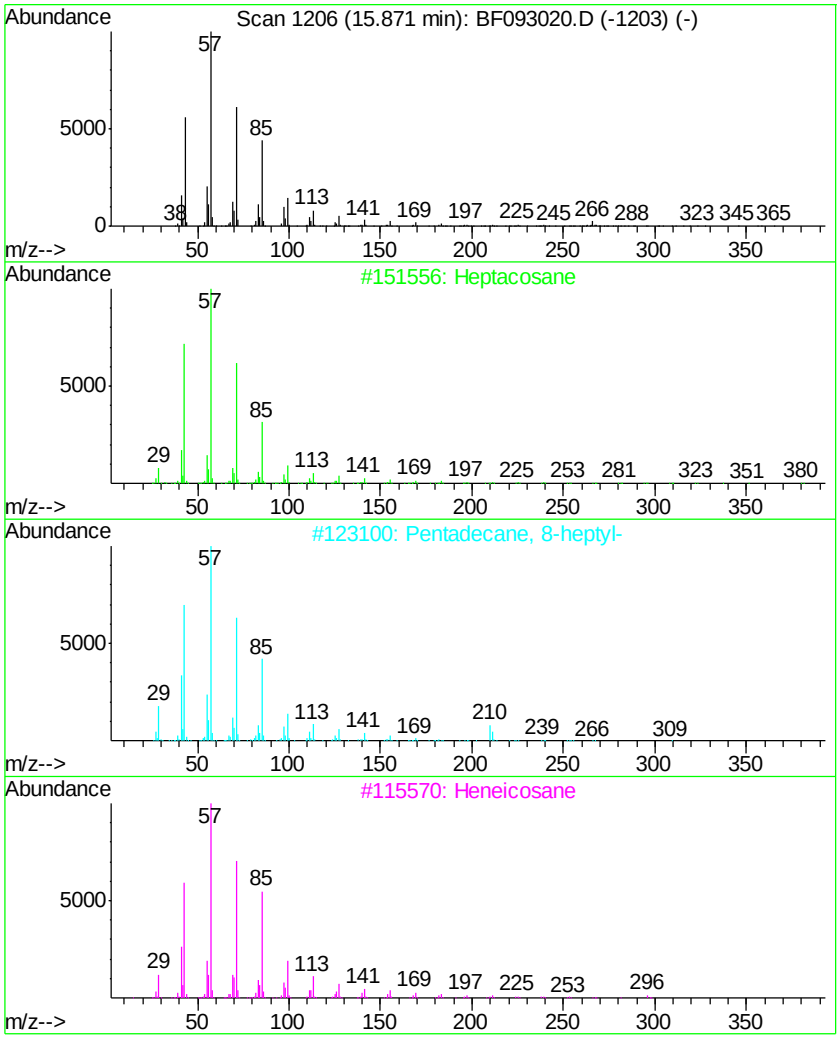
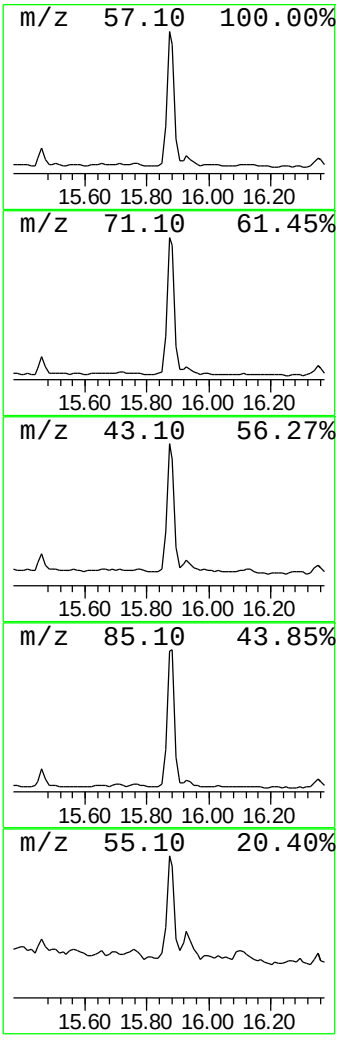
Peak Number 11 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	21.99 ng	1286990	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86





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Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : B1-2

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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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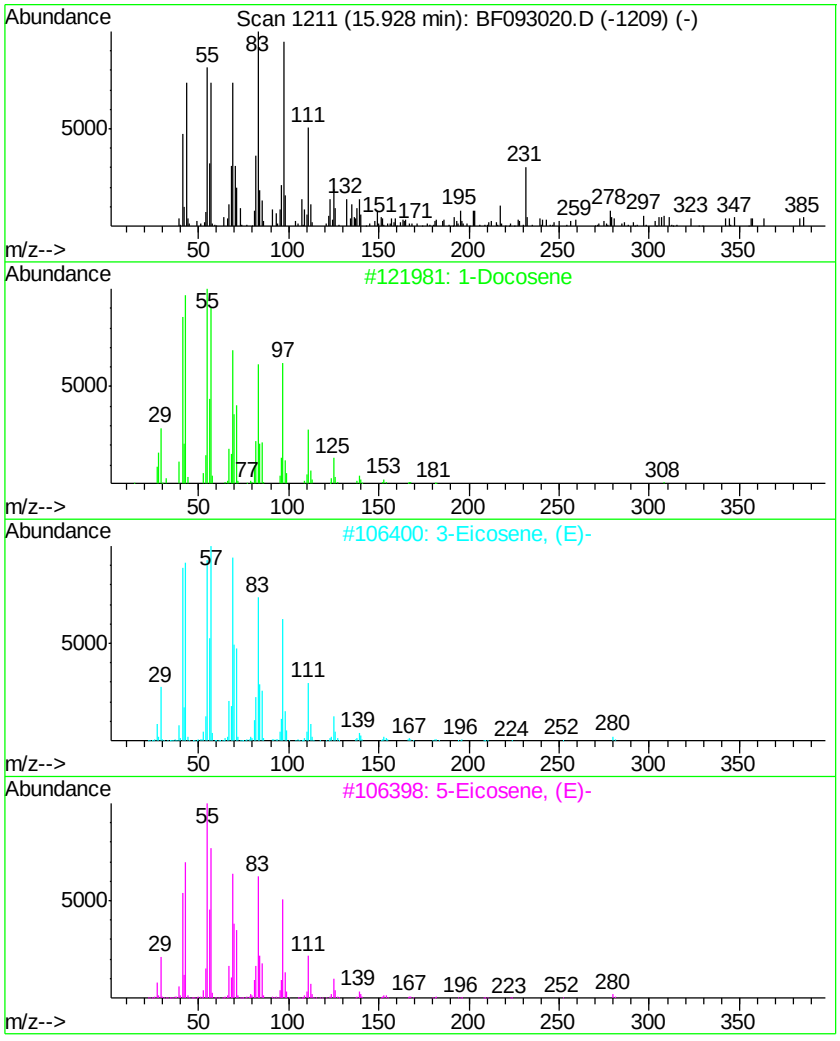
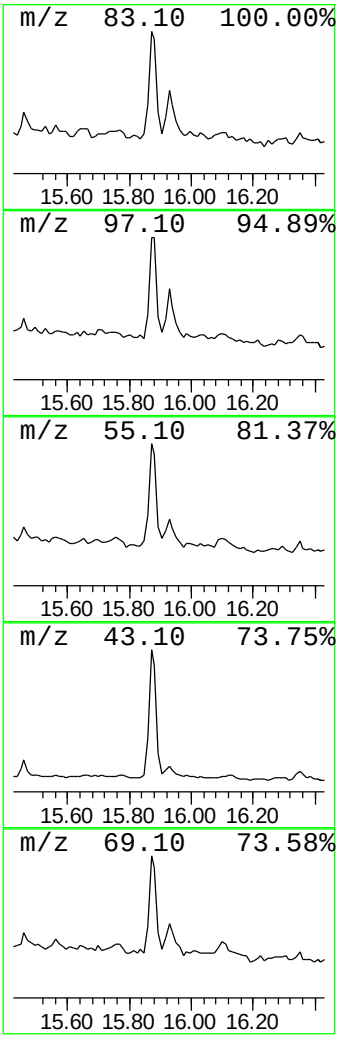
Peak Number 12 1-Docosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.55 ng	207988	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	70
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	64
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	58
5	Benzenethiol, 4-nitro-S-(3-nitro...	340	C12H8N2O6S2	1000262-96-6	53





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Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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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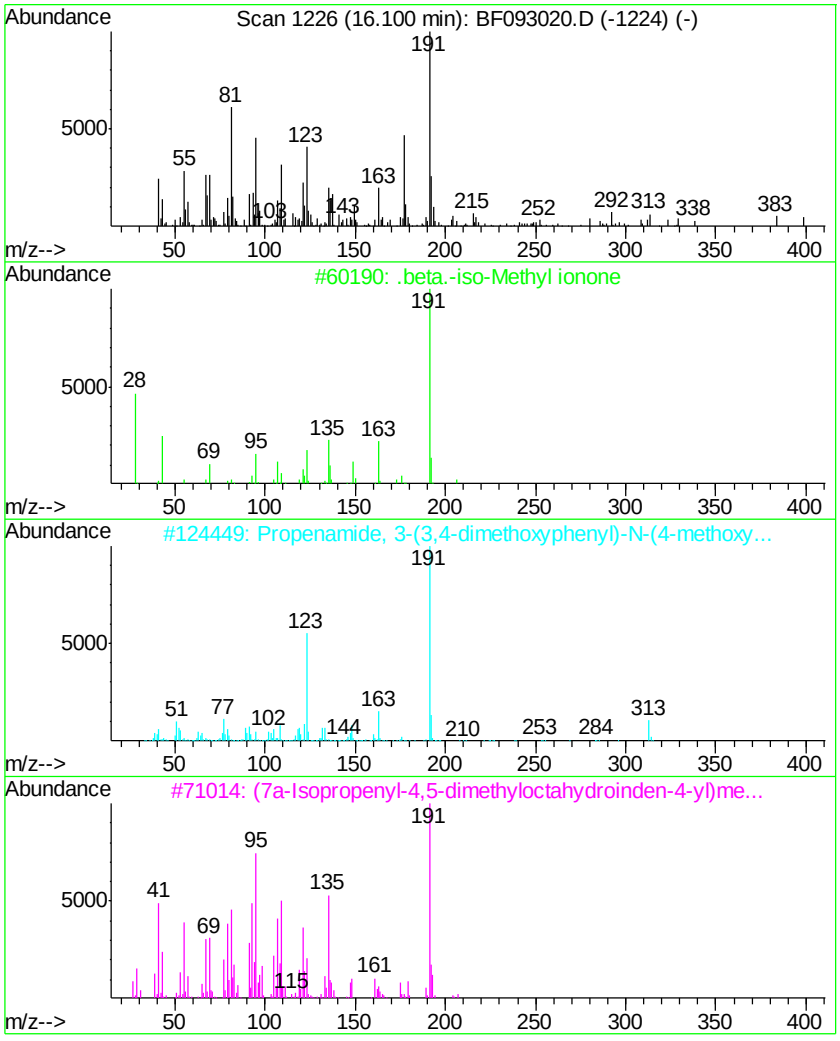
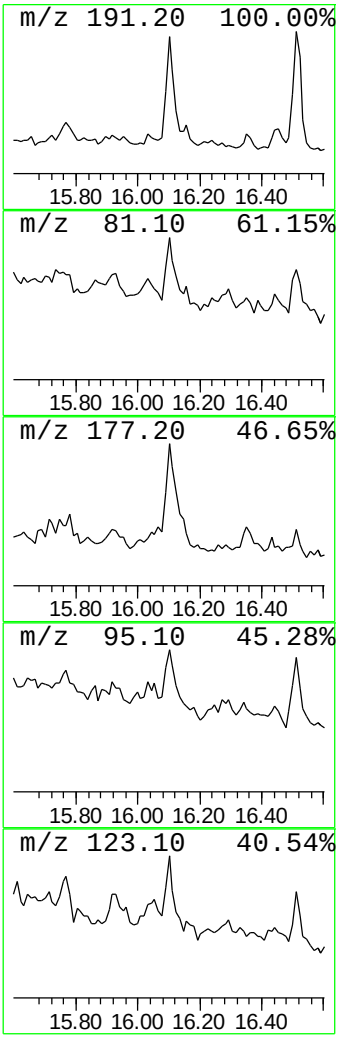
Peak Number 13 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	8.18 ng	478887	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
2	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	38
3	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	37
4	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	35
5	1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	32





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Operator : SJ/MA
Sample : I1878-03
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Instrument : BNA_F
ClientSampleId : B1-2

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
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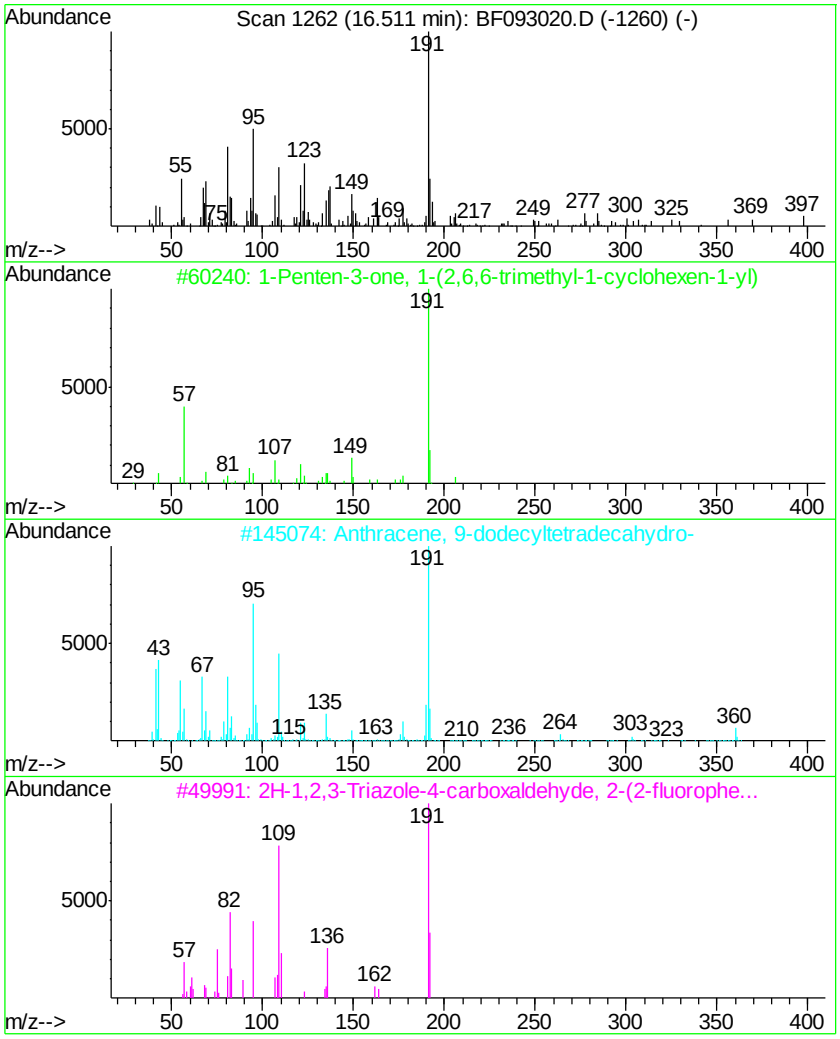
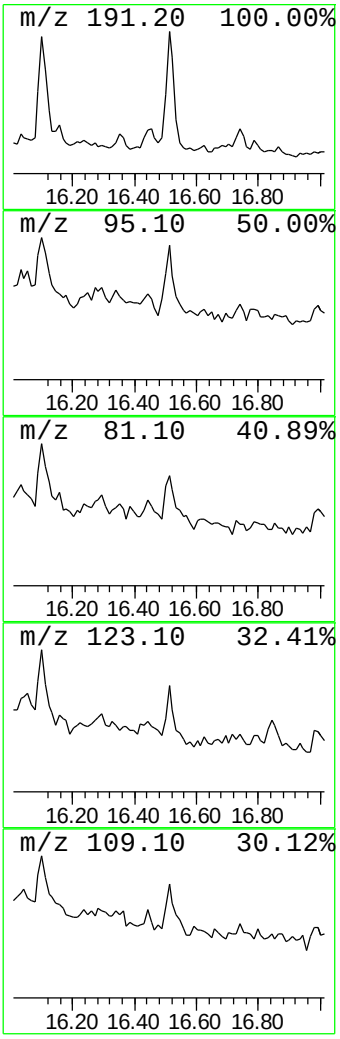
Peak Number 14 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.85 ng	342127	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38





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ClientSampleId : B1-2

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TIC Library : C:\DATABASE\NIST02.L
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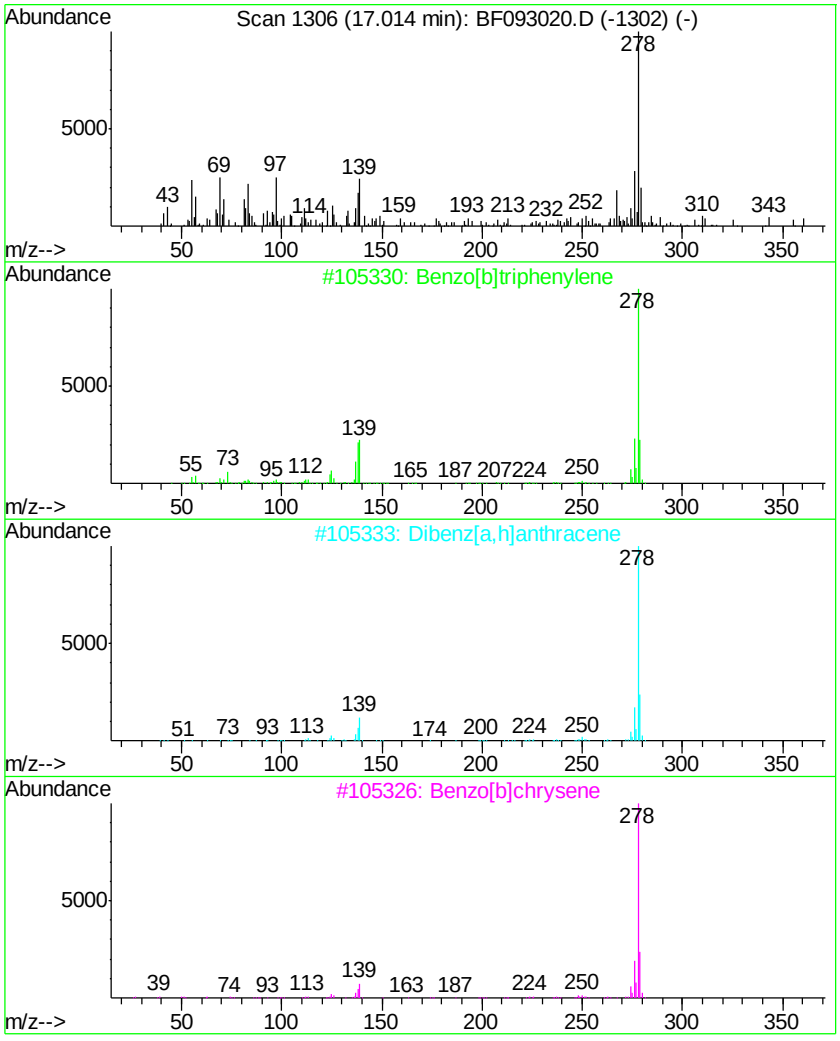
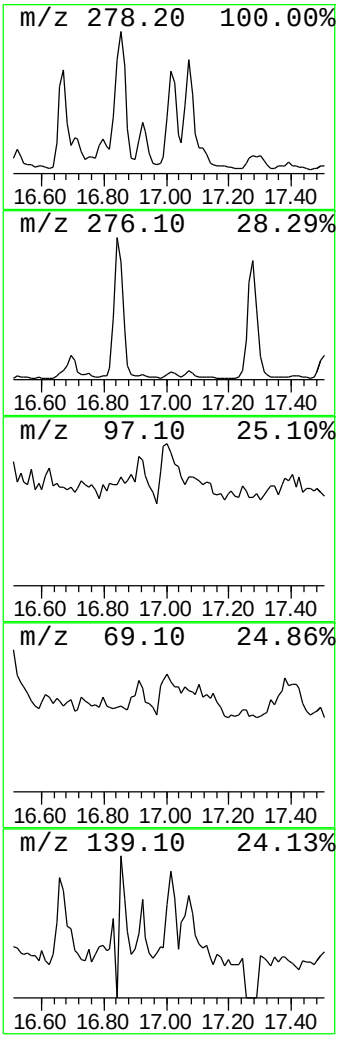
Peak Number 15 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.76 ng	220140	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
3	Benzo[b]chrysene	278	C22H14	000214-17-5	78
4	Pentaphene	278	C22H14	000222-93-5	78
5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	78





Library Search Compound Report

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Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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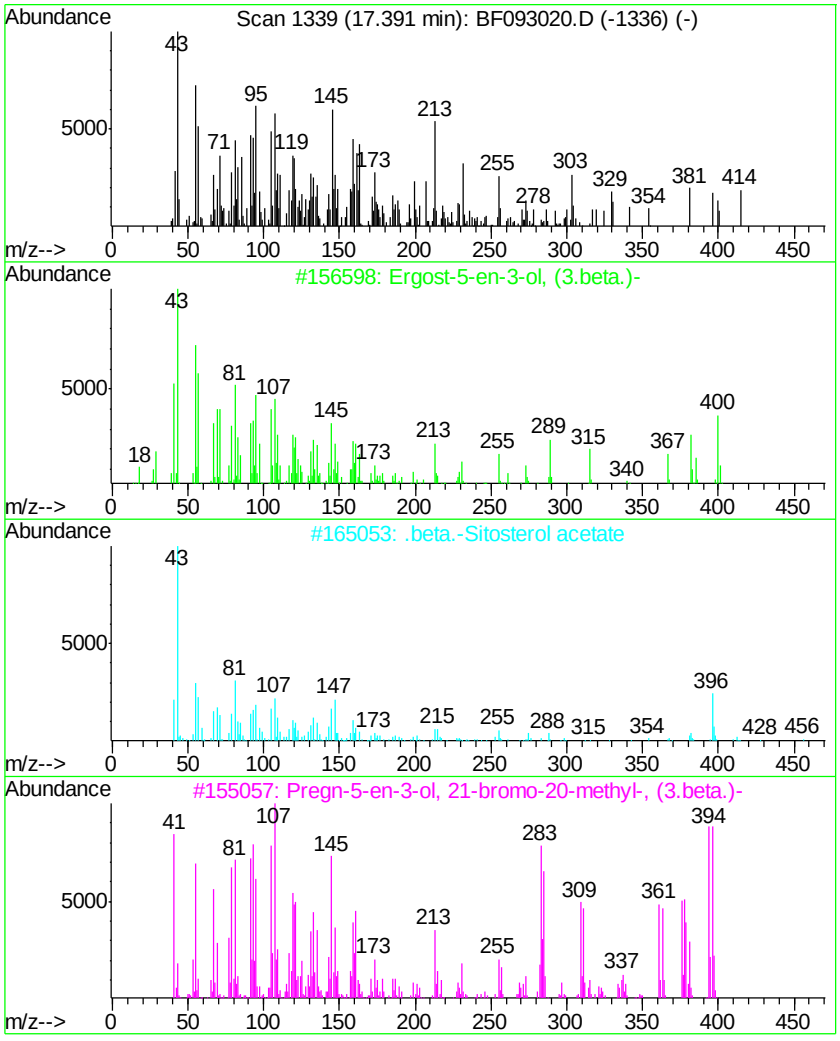
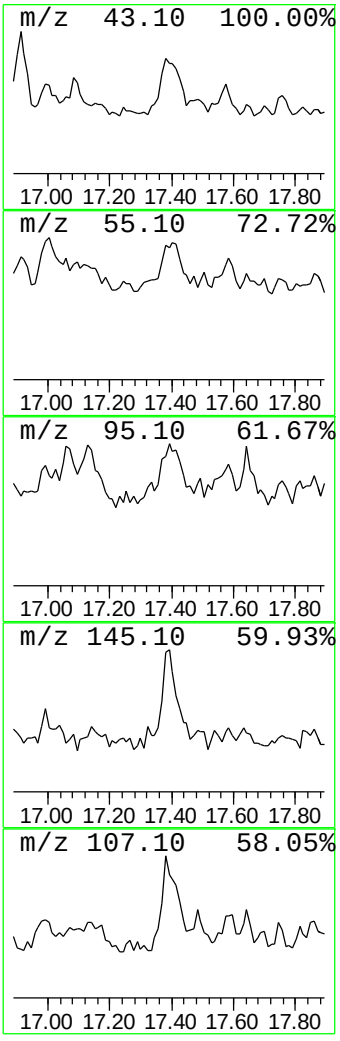
Peak Number 16 unknown17.39 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	7.35 ng	430486	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	38
2	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	37
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30
4	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	27
5	Campesterol	400	C28H48O	000474-62-4	27





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Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : B1-2

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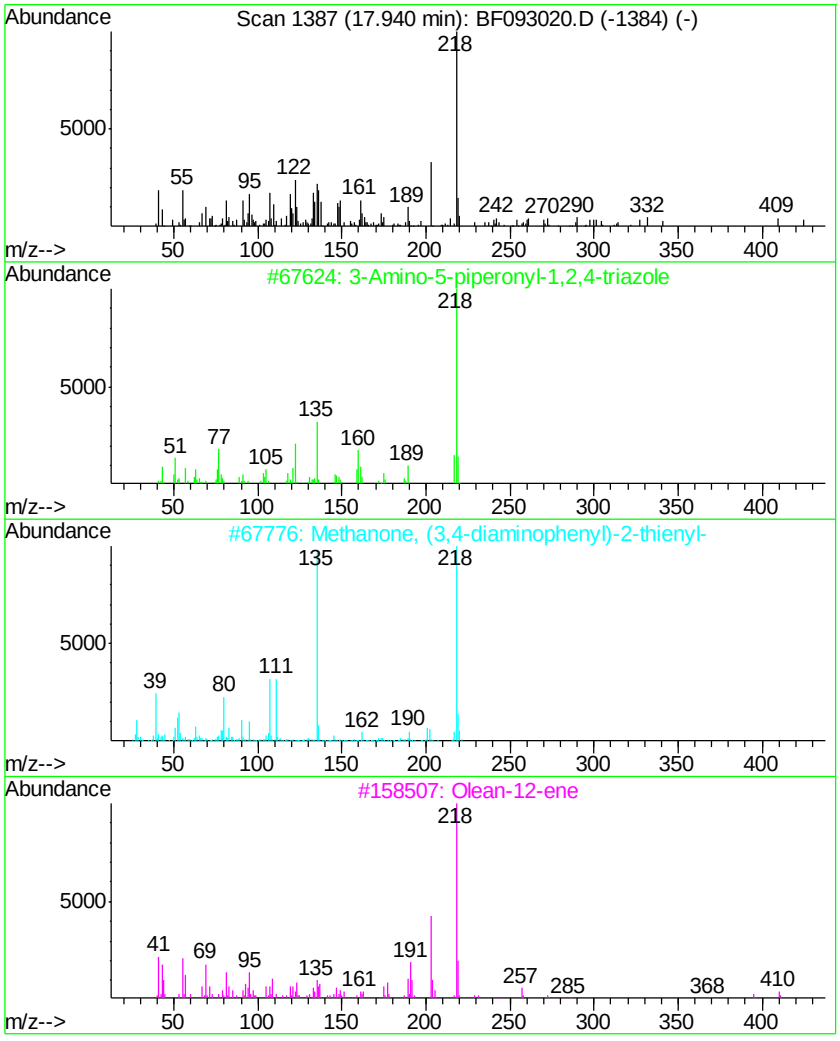
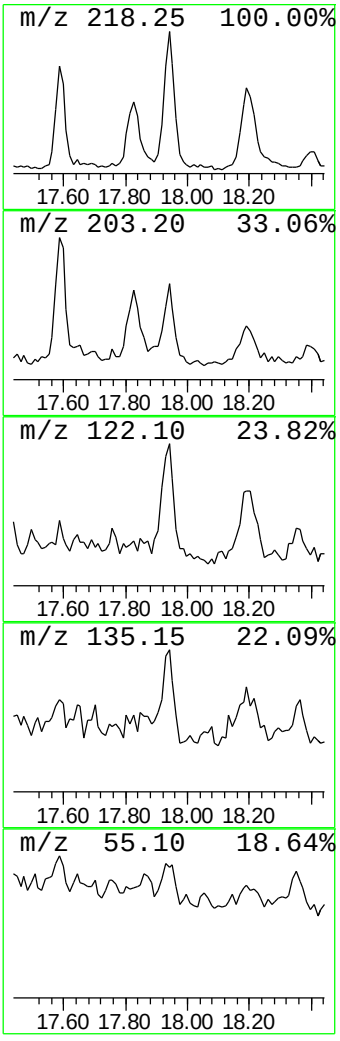
Peak Number 17 3-Amino-5-piperonyl-1,2,4-t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.63 ng	270739	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-5-piperonyl-1,2,4-triazole	218	C10H10N4O2	014730-92-8	52
2	Methanone, (3,4-diaminophenyl)-2...	218	C11H10N2OS	083846-78-0	49
3	Olean-12-ene	410	C30H50	000471-68-1	47
4	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	47
5	1-Hydroxypyrene	218	C16H10O	005315-79-7	41





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Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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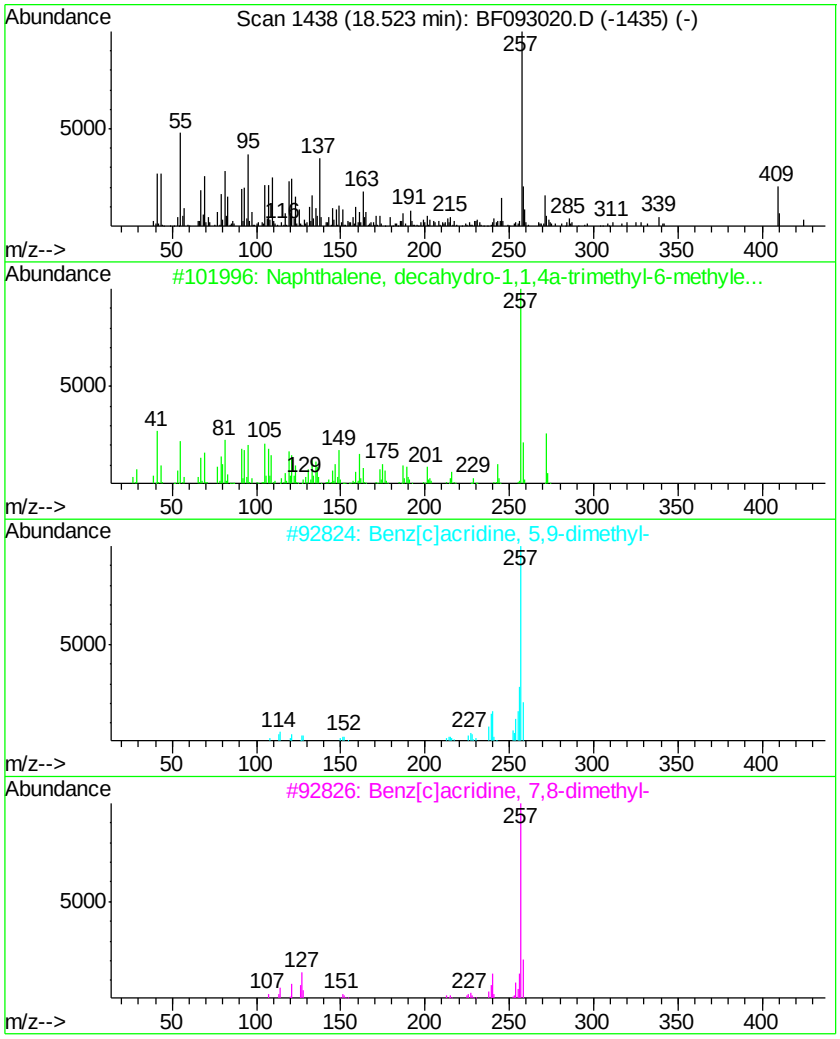
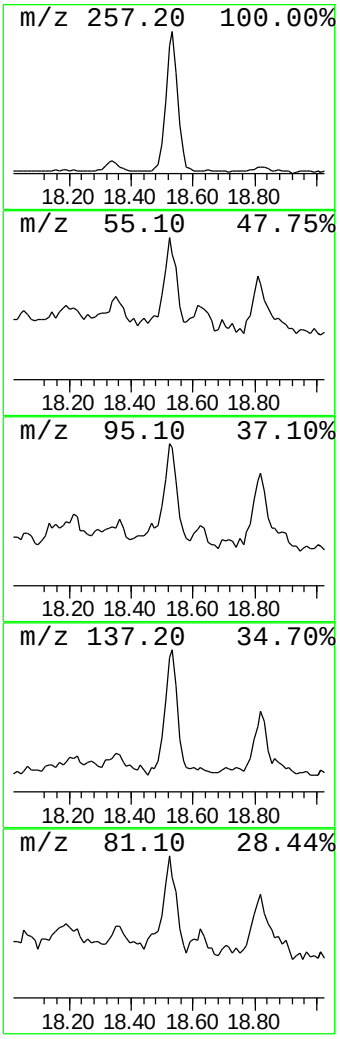
Peak Number 18 Naphthalene, decahydro-1,1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	12.02 ng	703468	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	000511-02-4	50
2	Benz[c]acridine, 5,9-dimethyl-	257	C19H15N	003518-03-4	38
3	Benz[c]acridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	35
4	1-Phenanthrenecarboselenoic acid...	442	C26H34OSe	076920-33-7	32
5	5.alpha.-Spirostan-23-ol, (22S,2...	416	C27H44O3	024744-36-3	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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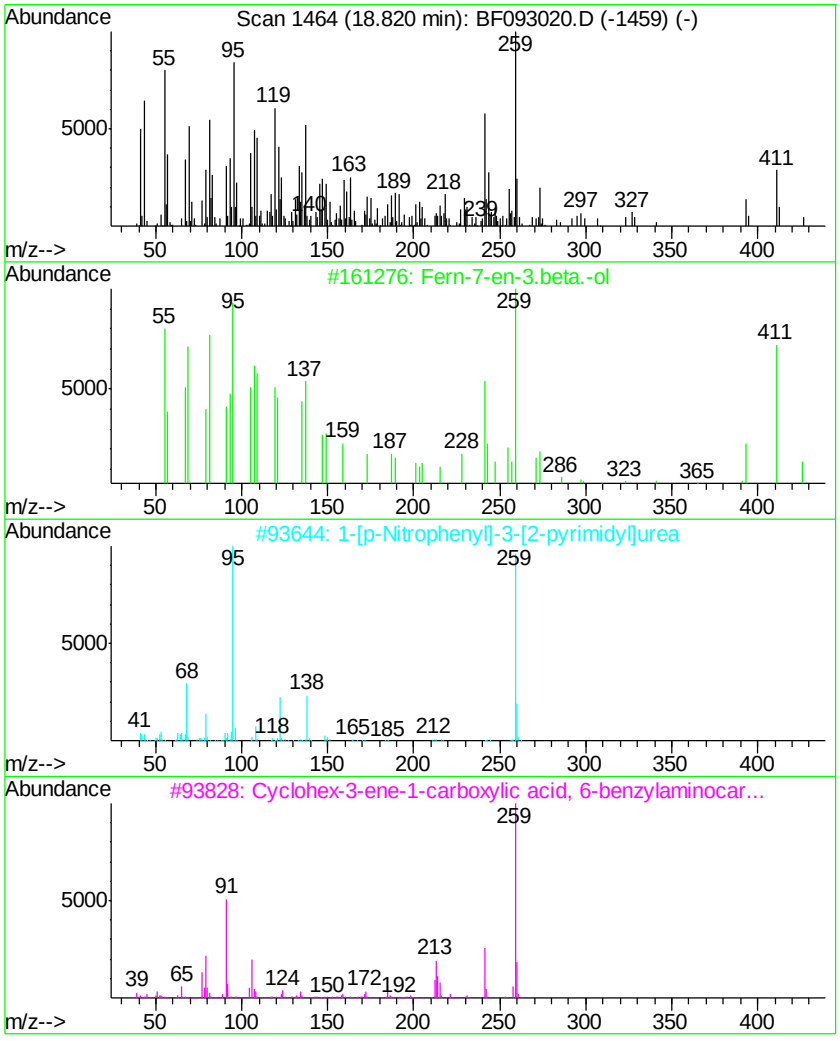
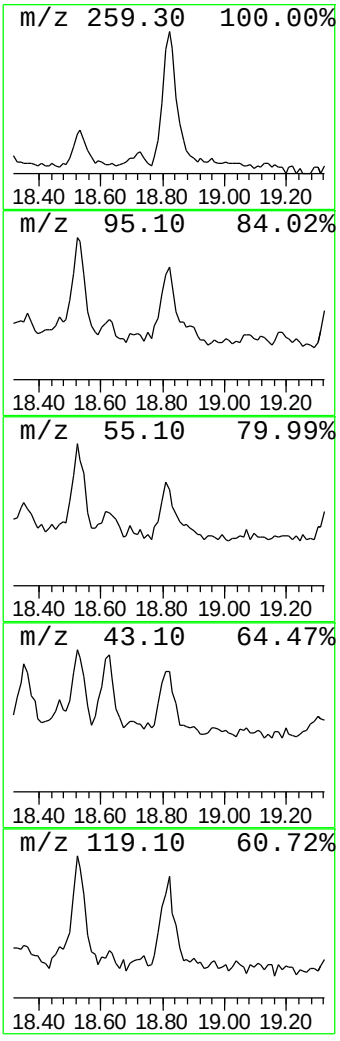
Peak Number 19 Fern-7-en-3.beta.-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	13.41 ng	784757	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fern-7-en-3.beta.-ol	426	C30H50O	004966-00-1	99
2	1-[p-Nitrophenyl]-3-[2-pyrimidyl...	259	C11H9N5O3	023656-31-7	27
3	Cyclohex-3-ene-1-carboxylic acid...	259	C15H17NO3	311316-40-2	18
4	2-Fluoro-6-(4-(methylsulfanyl)ph...	259	C14H10FNOS	1000298-08-8	15
5	Furo[2,3-b]quinoline, 4,6,7-trim...	259	C14H13NO4	000484-08-2	15





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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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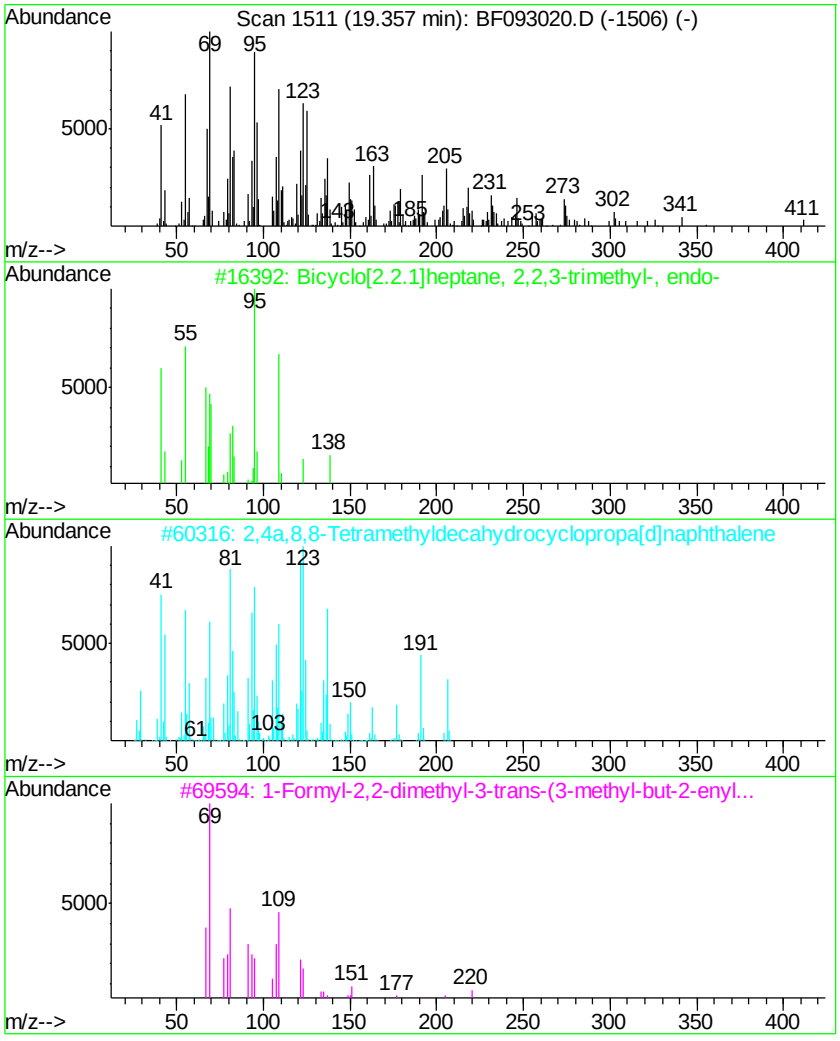
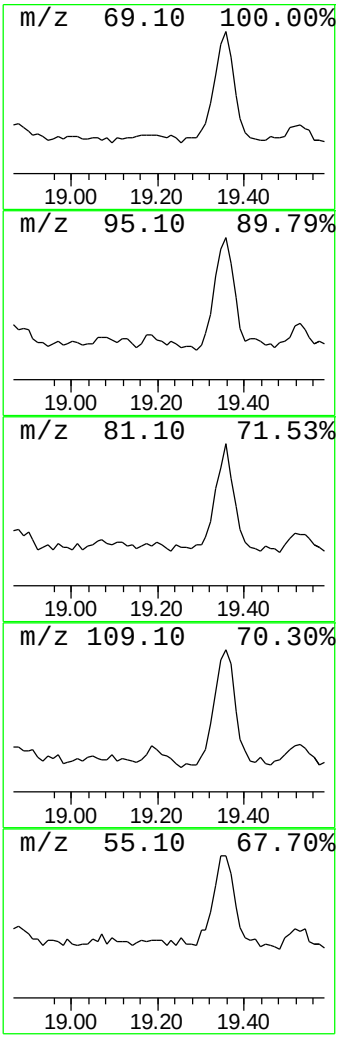
Peak Number 20 unknown19.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	11.76 ng	688209	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	38
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	35
3	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	30
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	30
5	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093020.D
Acq On : 17 Feb 2017 19:42
Operator : SJ/MA
Sample : I1878-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2

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...	5.04	37.9	ng	2186170	1	6.85	1154960	20.0
unknown6.62	6.62	76.2	ng	4398700	1	6.85	1154960	20.0
Benzene, 1,2,3-tr...	6.68	4.5	ng	258905	1	6.85	1154960	20.0
Benzene, 1-methyl...	6.93	12.8	ng	740802	1	6.85	1154960	20.0
Phenol, 3-ethyl-	7.92	7.8	ng	737859	2	8.14	1893990	20.0
Tetradecane	10.80	3.4	ng	312243	4	11.38	1831990	20.0
1-Tricosene	13.86	6.7	ng	806805	5	14.01	2423560	20.0
Cyclotetracosane	14.49	4.1	ng	492838	5	14.01	2423560	20.0
Perylene	15.32	8.3	ng	486568	6	15.45	1170640	20.0
Heptacosane	15.87	22.0	ng	1286990	6	15.45	1170640	20.0
1-Docosene	15.93	3.5	ng	207988	6	15.45	1170640	20.0
.beta.-iso-Methyl...	16.10	8.2	ng	478887	6	15.45	1170640	20.0
1-Penten-3-one, 1...	16.51	5.8	ng	342127	6	15.45	1170640	20.0
Benzo[b]triphenylene	17.01	3.8	ng	220140	6	15.45	1170640	20.0
unknown17.39	17.39	7.3	ng	430486	6	15.45	1170640	20.0
3-Amino-5-piperon...	17.94	4.6	ng	270739	6	15.45	1170640	20.0
Naphthalene, deca...	18.52	12.0	ng	703468	6	15.45	1170640	20.0
Fern-7-en-3.beta.-ol	18.82	13.4	ng	784757	6	15.45	1170640	20.0
unknown19.36	19.36	11.8	ng	688209	6	15.45	1170640	20.0