LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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-BF032017.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	2.093	13	18	24	rVB2	82480	147972	2.83%	0.193%
2	4.767	248	252	258	rBV	83189	113748	2.17%	0.148%
3	4.996	270	272	276	rVB	599570	789592	15.09%	1.030%
4	5.087	279	280	282	rVB	93806	99930	1.91%	0.130%
5	5.430	307	310	312	rVB	3007296	3604686	68.87%	4.704%
6	5.830	343	345	347	rBV2	125293	151752	2.90%	0.198%
7	6.276	380	384	386	rBV3	48879	102867	1.97%	0.134%
8	6.322	386	388	390	rBV2	147394	199654	3.81%	0.261%
9	6.459	397	400	402	rBV	2526251	2946396	56.30%	3.845%
10	6.527	402	406	409	rVB	130238	172677	3.30%	0.225%
11	6.596	409	412	414	rBV	4486829	4857815	92.82%	6.339%
12	6.642	414	416	418	rVV	82972	88715	1.70%	0.116%
13	6.699	419	421	422	rVB	102489	94967	1.81%	0.124%
14	6.824	430	432	434	rVV	1443519	1238368	23.66%	1.616%
15	6.984	443	446	448	rVV	4200218	3938695	75.26%	5.140%
16	7.087	450	455	456	rBV5	45375	97945	1.87%	0.128%
17	7.225	465	467	471	rBV5	70321	119353	2.28%	0.156%
18	7.385	478	481	483	rBV	2670465	3289142	62.85%	4.292%
19	7.476	487	489	491	rVB3	122402	152488	2.91%	0.199%
20	7.556	491	496	497	rBV4	57959	126305	2.41%	0.165%
21	7.602	497	500	501	rBV2	101599	152064	2.91%	0.198%
22	7.636	501	503	506	rVB2	139987	222064	4.24%	0.290%
23	7.727	508	511	512	rBV2	52811	87739	1.68%	0.114%
24	7.762	512	514	517	rVB3	68757	107907	2.06%	0.141%
25	7.853	519	522	523	rBV3	119091	204109	3.90%	0.266%
26	7.945	526	530	532	rVB4	75002	218534	4.18%	0.285%
27	8.070	538	541	542	rBV2	54590	92552	1.77%	0.121%
28	8.116	542	545	546	rBV	1246372	1729418	33.04%	2.257%
29	8.139	546	547	549	rVB2	97823	95180	1.82%	0.124%
30	8.185	549	551	552	rBV2	47776	92244	1.76%	0.120%
31	8.287	558	560	563	rBV3	81815	213658	4.08%	0.279%
32	8.413	569	571	573	rBV2	109916	138687	2.65%	0.181%
33	8.470	575	576	578	rVV2	256339	238708	4.56%	0.312%
34	8.562	582	584	588	rBV3	158798	429013	8.20%	0.560%

LSC Area Percent Report

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Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.676	591	594	596	rVV2	180334	240049	4.59%	0.313%
36	8.733	597	599	601	rVV2	109738	190193	3.63%	0.248%
37	8.779	601	603	604	rVV	85695	148929	2.85%	0.194%
38	8.813	604	606	608	rVB2	167677	234143	4.47%	0.306%
39	8.870	608	611	613	rBV4	64637	167471	3.20%	0.219%
40	8.939	613	617	621	rVB5	216340	460266	8.79%	0.601%
41	9.145	633	635	636	rBV2	154560	220568	4.21%	0.288%
42	9.190	636	639	642	rVB	5104133	5233685	100.00%	6.830%
43	9.282	644	647	649	rBV3	144503	269892	5.16%	0.352%
44	9.339	649	652	653	rBV3	146226	244089	4.66%	0.319%
45	9.396	655	657	659	rVB3	162232	233029	4.45%	0.304%
46	9.453	659	662	665	rBV2	318230	561503	10.73%	0.733%
47	9.522	665	668	670	rBV2	500774	786606	15.03%	1.027%
48	9.579	672	673	676	rVV3	205725	366076	6.99%	0.478%
49	9.659	676	680	681	rVV2	383211	569233	10.88%	0.743%
50	9.728	684	686	690	rVB4	208170	324909	6.21%	0.424%
51	9.785	690	691	692	rVB	195385	134034	2.56%	0.175%
52	9.819	692	694	695	rBV2	71947	93013	1.78%	0.121%
53	9.865	695	698	699	rBV	1985084	2086293	39.86%	2.723%
54	9.899	699	701	702	rVV2	337090	440397	8.41%	0.575%
55	9.968	706	707	709	rVV	209760	268134	5.12%	0.350%
56	10.070	713	716	717	rVV	348634	463276	8.85%	0.605%
57	10.105	717	719	721	rVB	427320	352250	6.73%	0.460%
58	10.139	721	722	724	rVB2	218744	165537	3.16%	0.216%
59	10.185	724	726	727	rBV	330572	418173	7.99%	0.546%
60	10.288	729	735	736	rBV5	252518	574817	10.98%	0.750%
61	10.402	743	745	746	rVB2	167737	131763	2.52%	0.172%
62	10.436	746	748	749	rBV2	172521	155398	2.97%	0.203%
63	10.471	749	751	752	rBV	291618	272909	5.21%	0.356%
64	10.528	754	756	758	rVB2	266719	343624	6.57%	0.448%
65	10.653	762	767	769	rBV2	2489049	3706583	70.82%	4.837%
66	10.688	769	770	773	rVB2	164971	150571	2.88%	0.196%
67	10.791	776	779	782	rBV3	405736	656772	12.55%	0.857%
68	10.836	782	783	785	rBV	799294	960486	18.35%	1.253%
69	10.871	785	786	788	rVV2	801196	853457	16.31%	1.114%
70	10.905	788	789	790	rVV	671544	528235	10.09%	0.689%
71	10.962	792	794	795	rVV2	248044	337572	6.45%	0.441%

LSC Area Percent Report

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Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.019	797	799	801	rBV2	364261	484192	9.25%	0.632%
73	11.053	801	802	803	rVV	513250	357998	6.84%	0.467%
74	11.259	816	820	823	rVB3	317328	582710	11.13%	0.760%
75	11.339	825	827	832	rBV2	1560397	1884095	36.00%	2.459%
76	11.454	835	837	838	rBV	131125	157936	3.02%	0.206%
77	11.671	855	856	857	rVB	162124	111217	2.13%	0.145%
78	11.842	869	871	872	rBV2	307187	283706	5.42%	0.370%
79	11.888	872	875	876	rVV2	349451	633473	12.10%	0.827%
80	11.956	879	881	886	rVB3	347592	760925	14.54%	0.993%
81	12.391	917	919	921	rBV	255176	327498	6.26%	0.427%
82	12.551	931	933	935	rBV	262052	271993	5.20%	0.355%
83	12.665	941	943	948	rBV2	341382	458764	8.77%	0.599%
84	12.768	950	952	954	rBV	233407	293181	5.60%	0.383%
85	12.928	964	966	968	rBV	3652510	3617745	69.12%	4.721%
86	13.614	1024	1026	1028	rVB	244057	276816	5.29%	0.361%
87	13.831	1043	1045	1049	rVB	186001	353042	6.75%	0.461%
88	13.968	1054	1057	1059	rBV	1782739	1727967	33.02%	2.255%
89	14.162	1072	1074	1080	rVB	603029	718115	13.72%	0.937%
90	14.574	1107	1110	1112	rBV	3118707	3453156	65.98%	4.506%
91	15.374	1177	1180	1183	rVV	788680	998392	19.08%	1.303%
92	15.454	1185	1187	1192	rVB2	216198	346406	6.62%	0.452%
93	15.728	1208	1211	1219	rVB	1416169	2136658	40.83%	2.788%
94	16.003	1232	1235	1237	rBV	160949	269517	5.15%	0.352%
95	16.300	1258	1261	1273	rVV2	624955	1694893	32.38%	2.212%
96	16.460	1273	1275	1283	rVB2	123458	261043	4.99%	0.341%
97	17.008	1319	1323	1326	rBV	234052	530529	10.14%	0.692%
98	17.511	1362	1367	1380	rVB	676569	1992151	38.06%	2.600%
99	18.414	1440	1446	1456	rVB2	211082	934312	17.85%	1.219%
100	19.180	1507	1513	1529	rVB	241745	1010743	19.31%	1.319%

Sum of corrected areas: 76628052

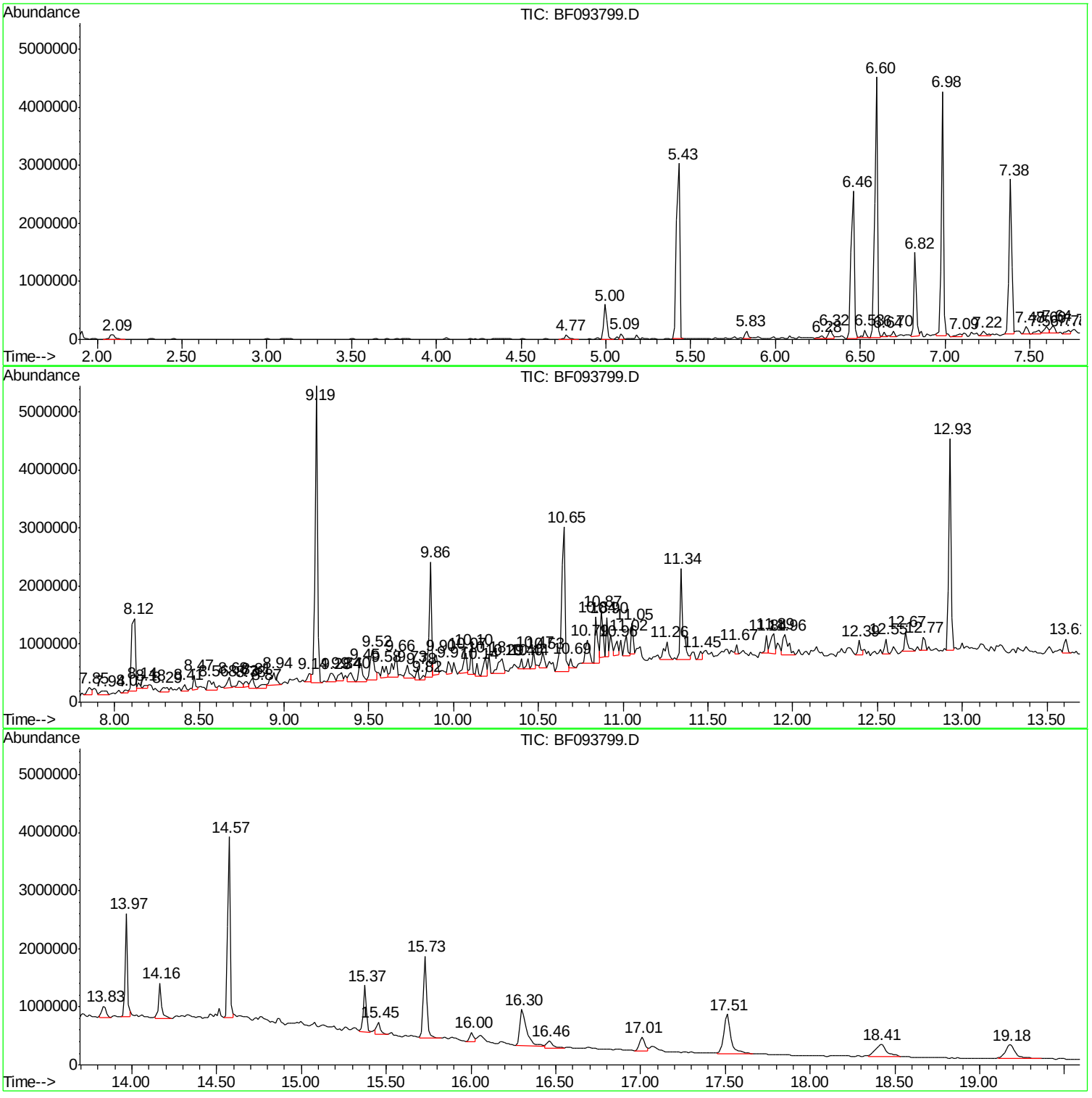
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

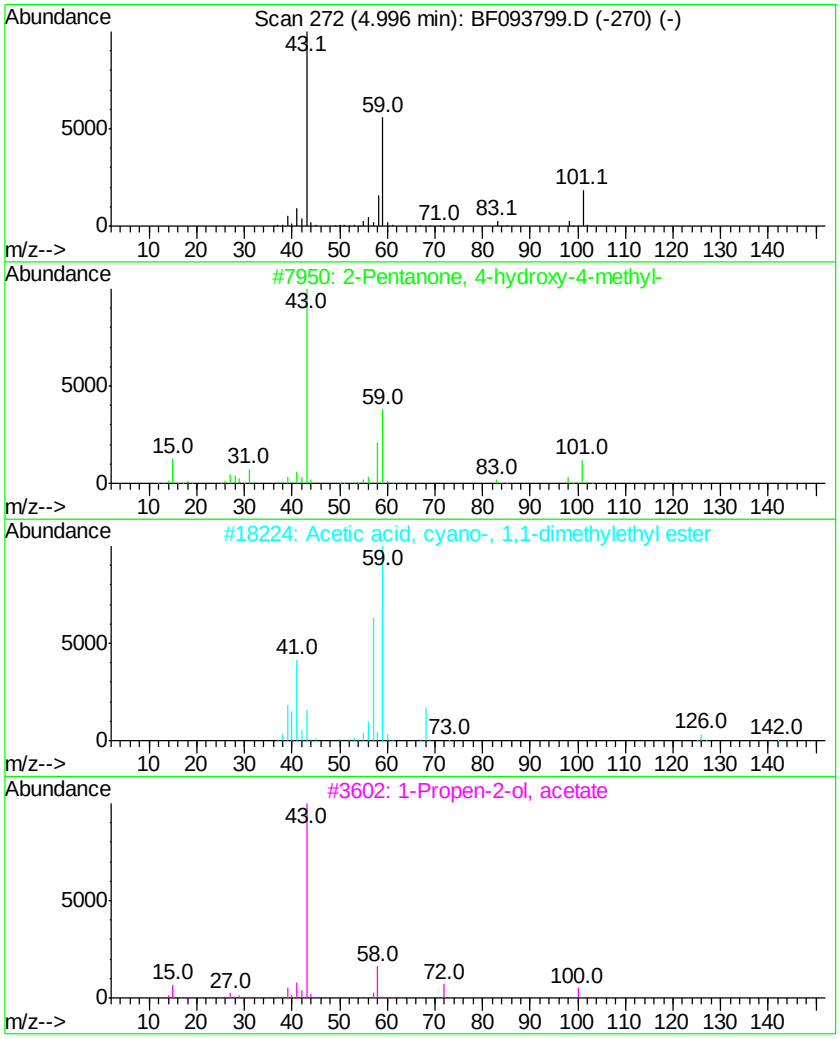
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

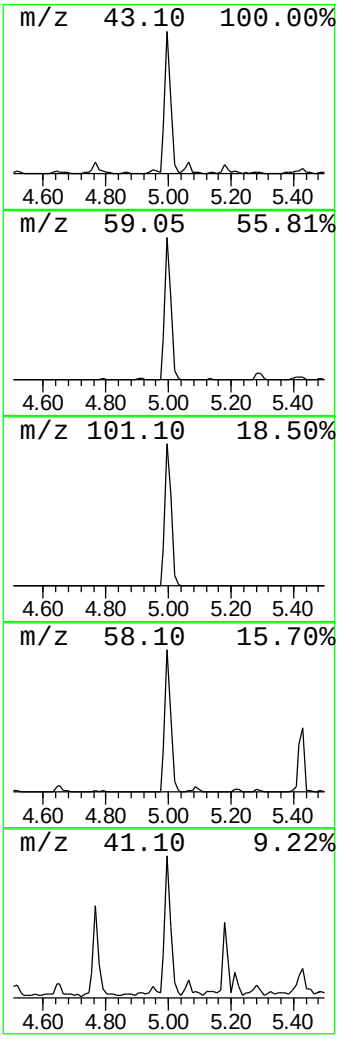
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	12.75 ng	789592	1,4-Dichlorobenzene-d4	6.82

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

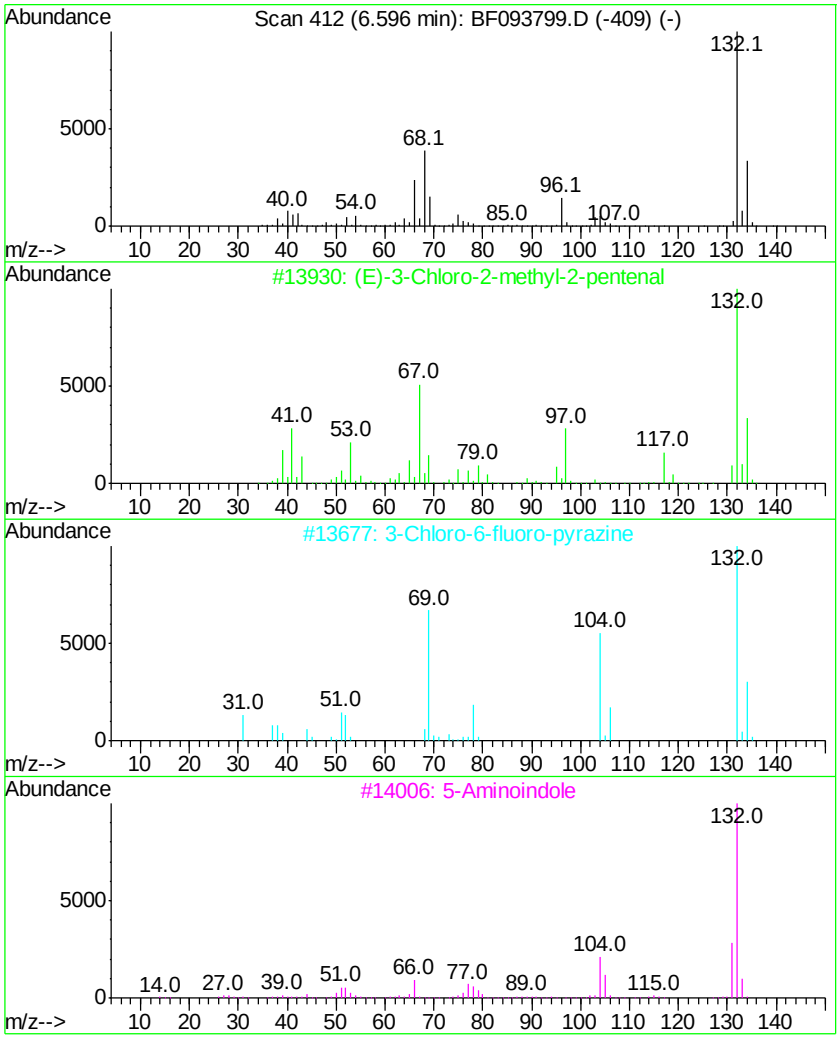
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

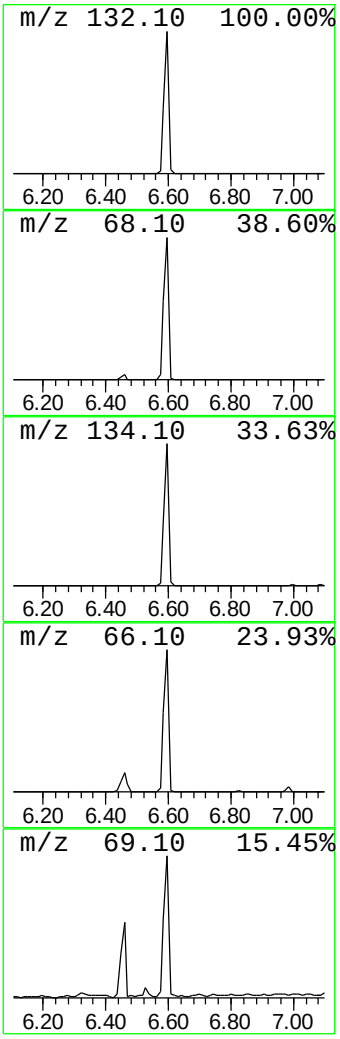
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	78.46 ng	4857820	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I2263-22
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ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

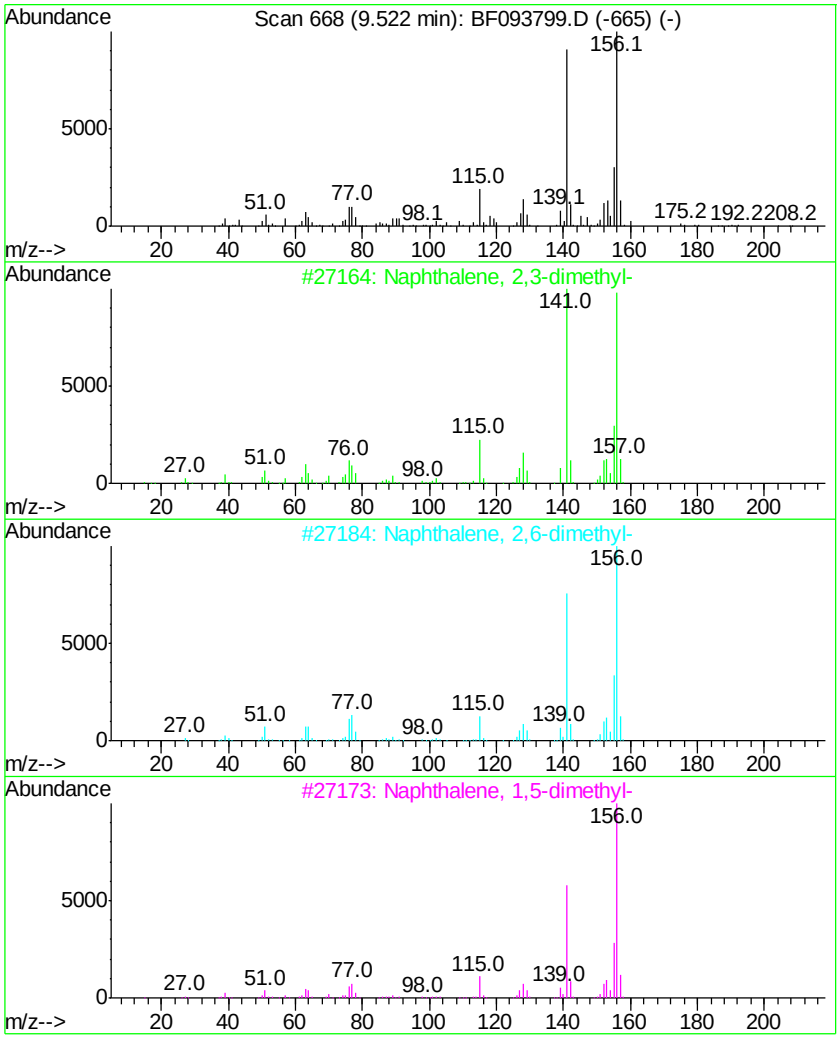
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

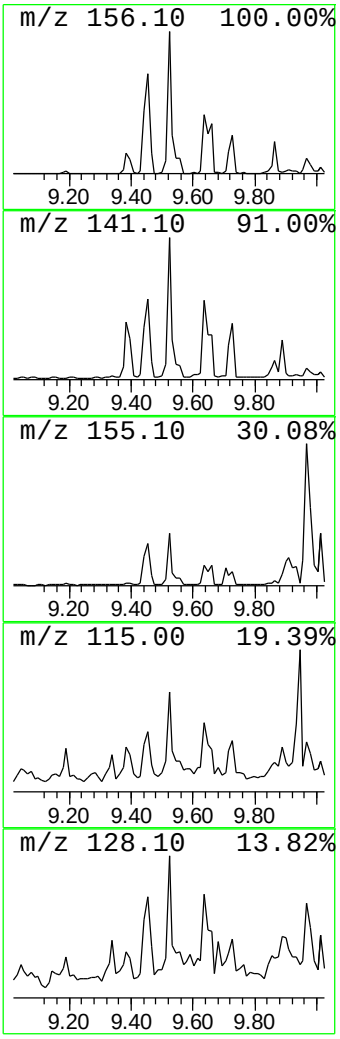
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	7.54 ng	786606	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
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Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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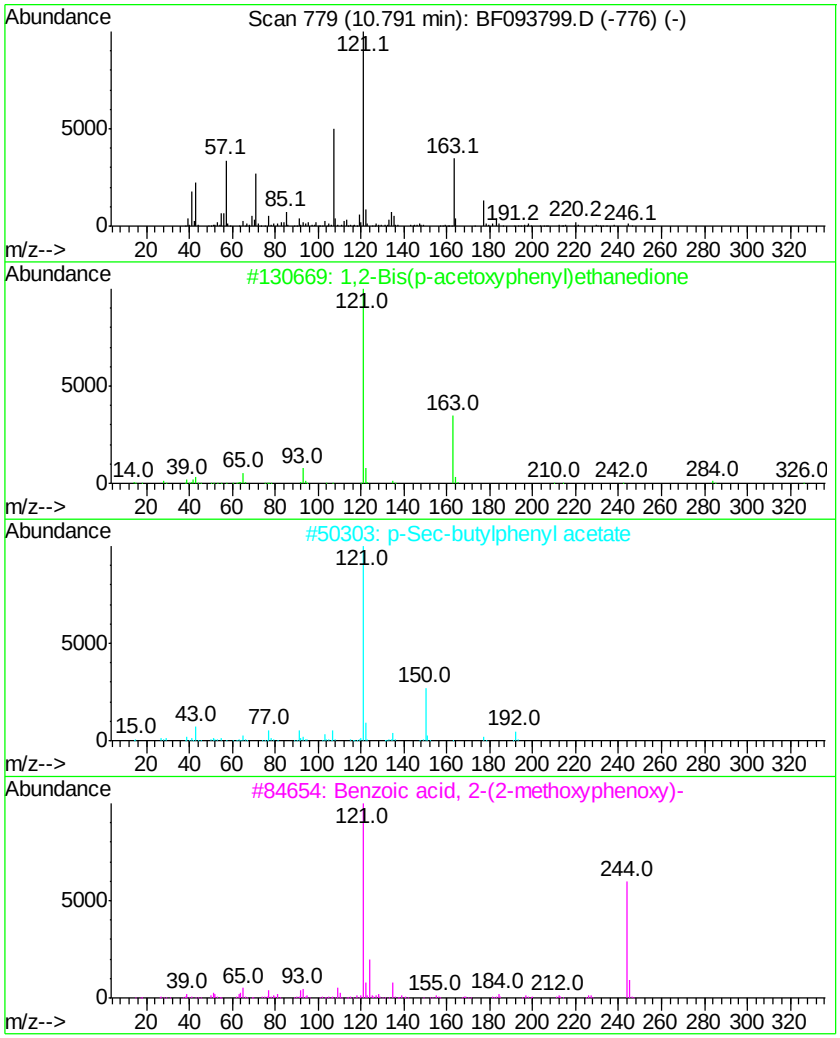
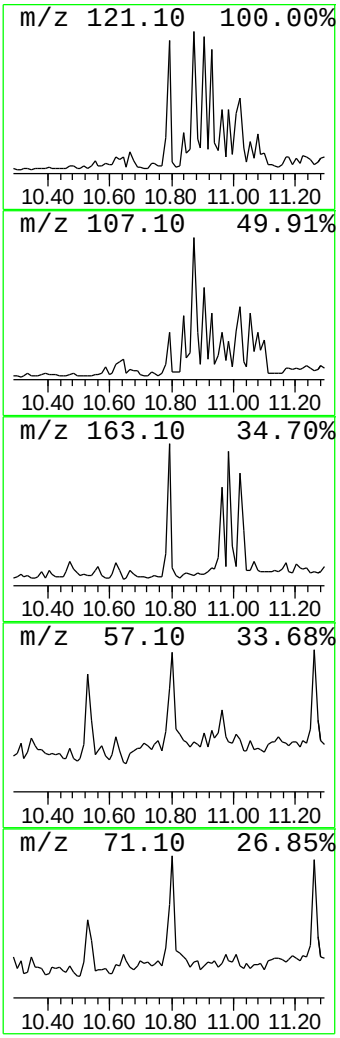
Peak Number 5 unknown10.79 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	6.97 ng	656772	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	43
2	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	35
3	Benzoic acid, 2-(2-methoxyphenoxy)-	244	C14H12O4	021905-73-7	35
4	Benzene, (1-methoxy-4-methyl-3-p...	190	C13H18O	068705-86-2	27
5	Oxiranecarboxylic acid, 3-phenyl...	178	C10H10O3	037161-74-3	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
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Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

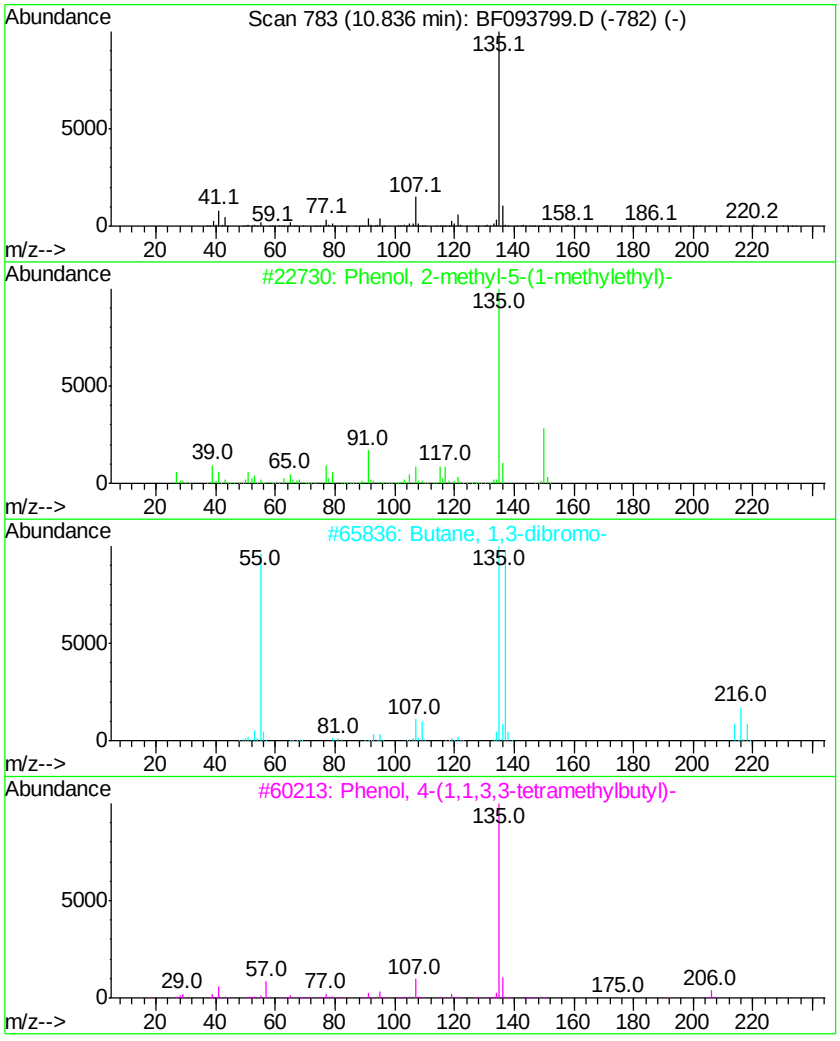
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

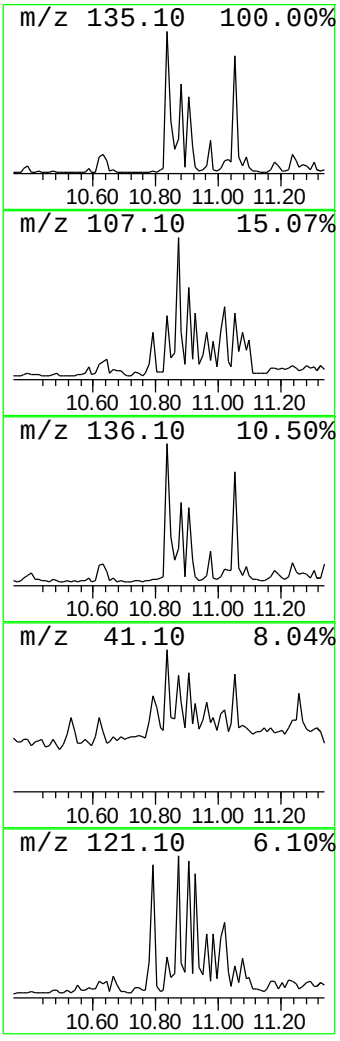
****

Peak Number 6 Phenol, 2-methyl-5-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	10.20 ng	960486	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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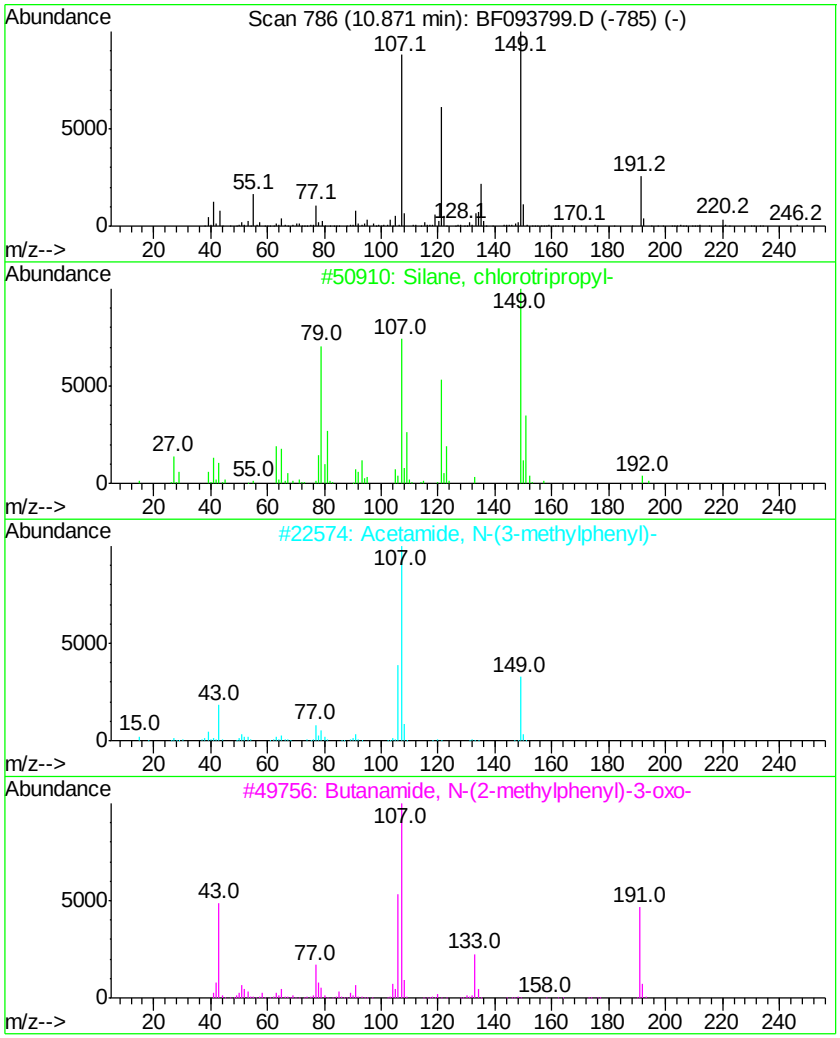
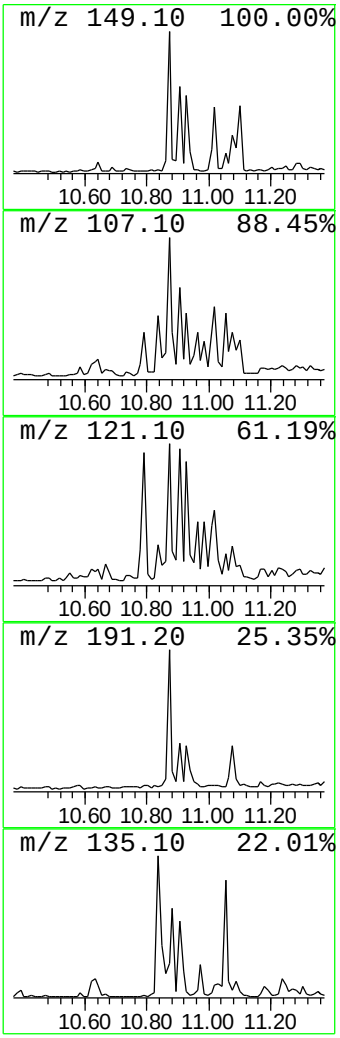
Peak Number 7 Silane, chlorotripropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	9.06 ng	853457	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
4	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	35
5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	35





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Sample : I2263-22
Misc :
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Instrument : BNA_F
ClientSampleId : MW-104S

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TIC Library : C:\DATABASE\NIST02.L
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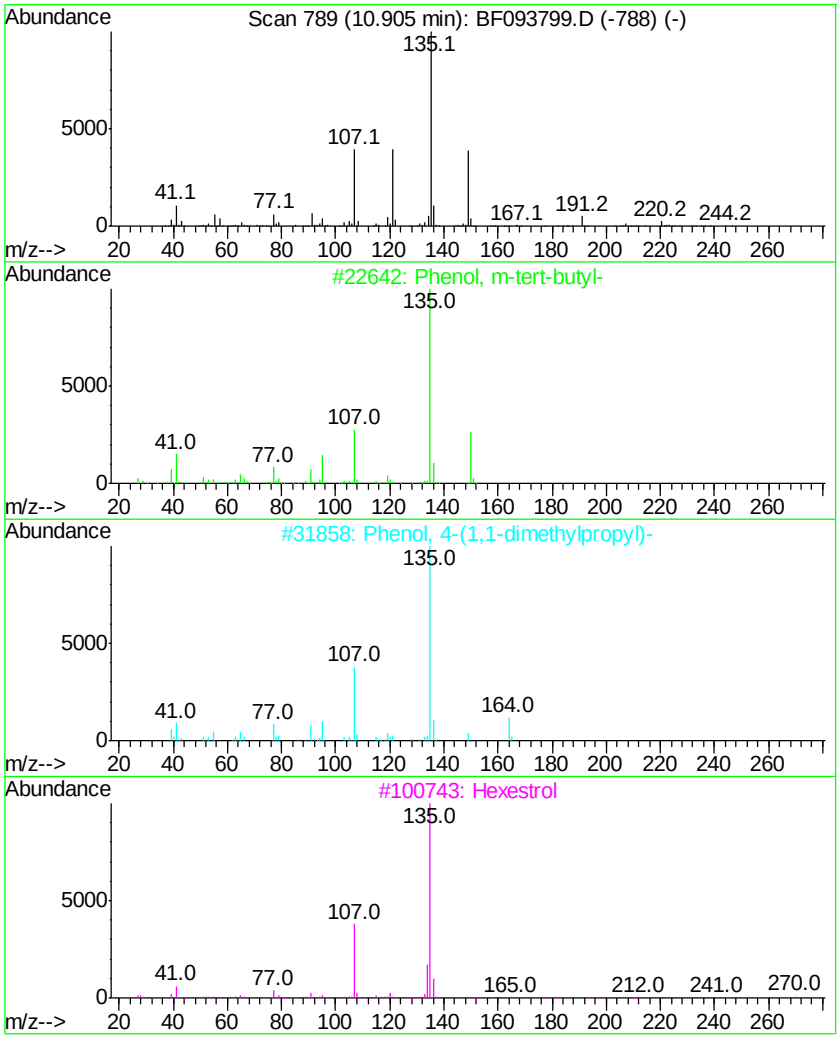
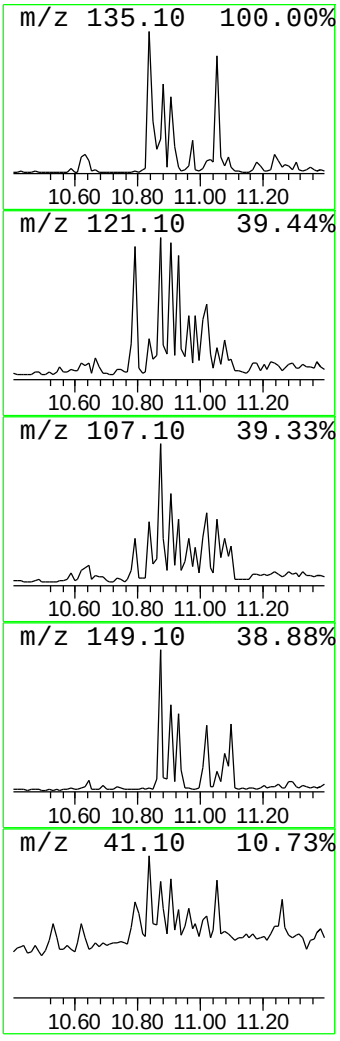
Peak Number 8 Phenol, m-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.61 ng	528235	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
3	Hexestrol	270	C18H22O2	005635-50-7	50
4	Silane, ethyldimethylphenyl-	164	C10H16Si	017873-23-3	43
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	43





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ClientSampleId : MW-104S

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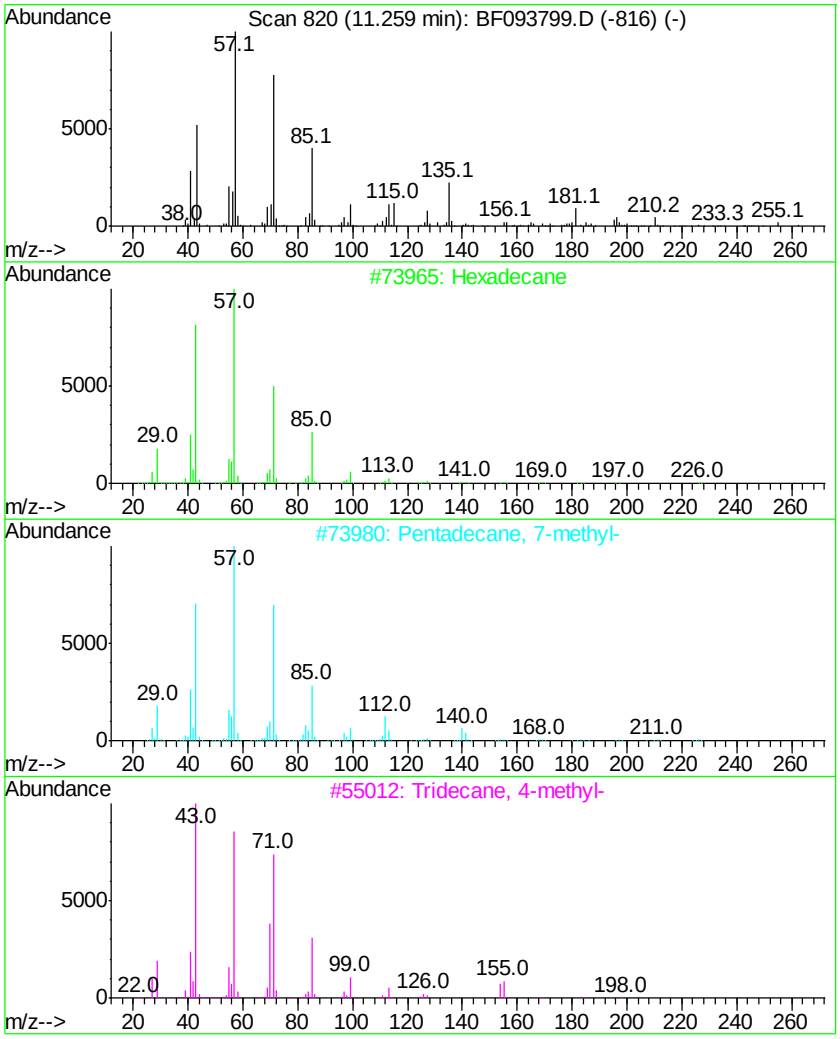
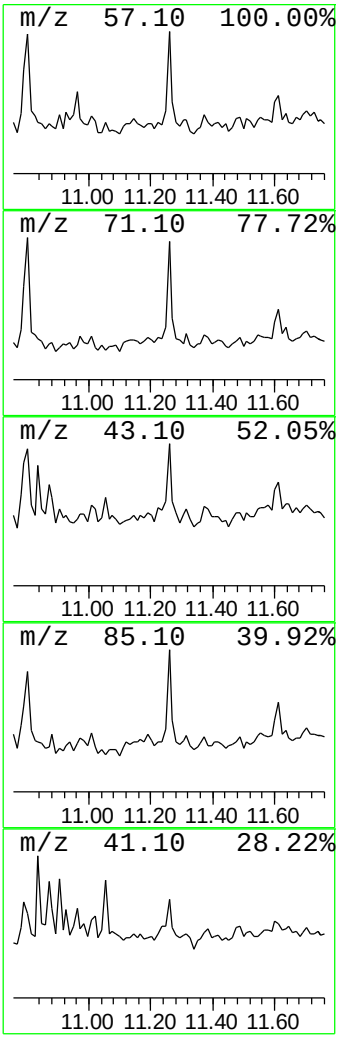
Peak Number 9 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	6.19 ng	582710	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	89
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
5	Octane, 2-methyl-	128	C9H20	003221-61-2	68





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ClientSampleId : MW-104S

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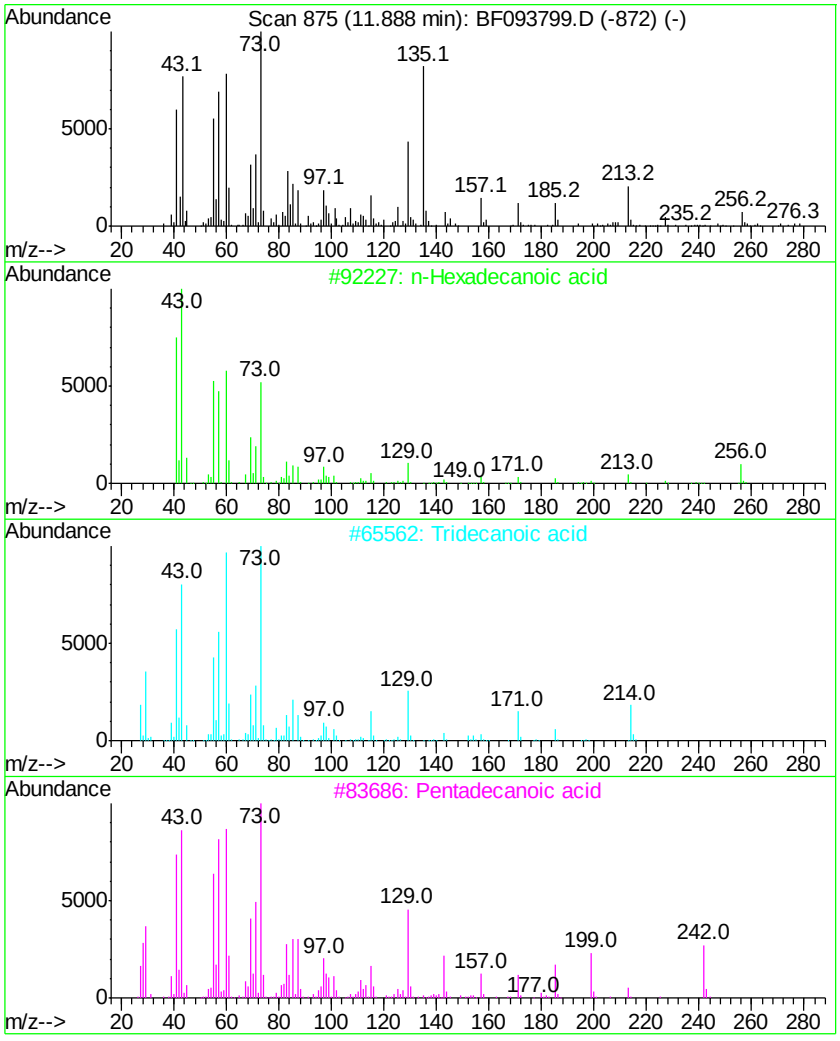
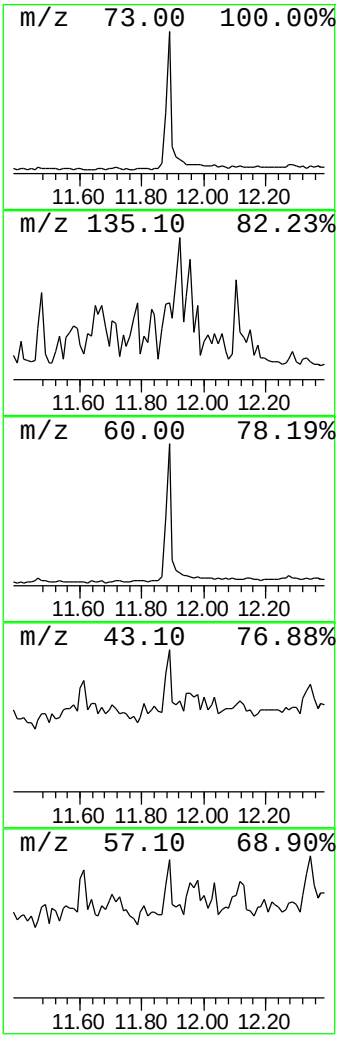
Peak Number 10 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.72 ng	633473	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Instrument : BNA_F
ClientSampleId : MW-104S

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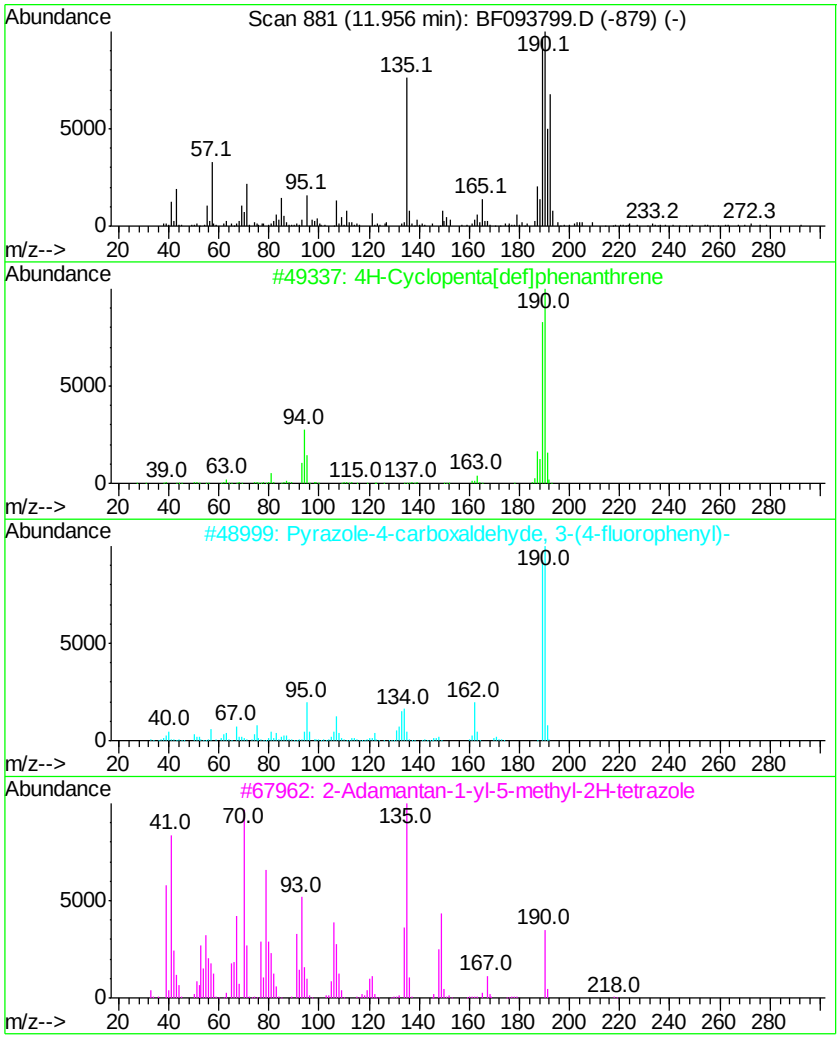
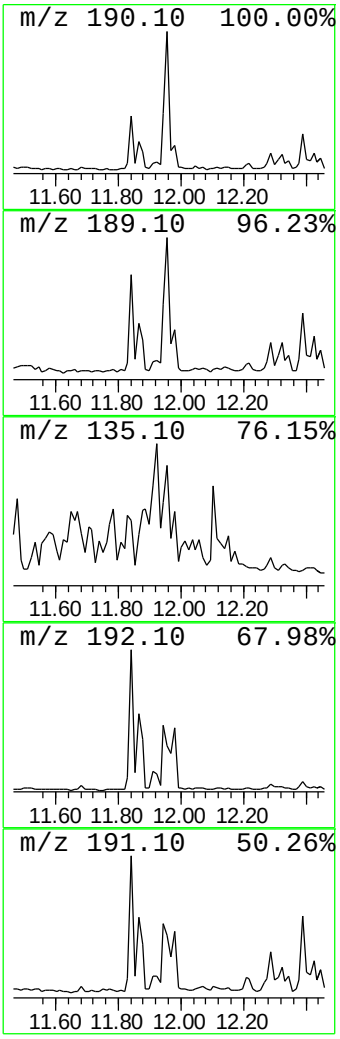
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	8.08 ng	760925	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
3	2-Adamantan-1-yl-5-methyl-2H-tet...	218	C12H18N4	1000297-48-8	25
4	Benzamide, 3-methoxy-N-allyl-	191	C11H13NO2	331989-39-0	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	15





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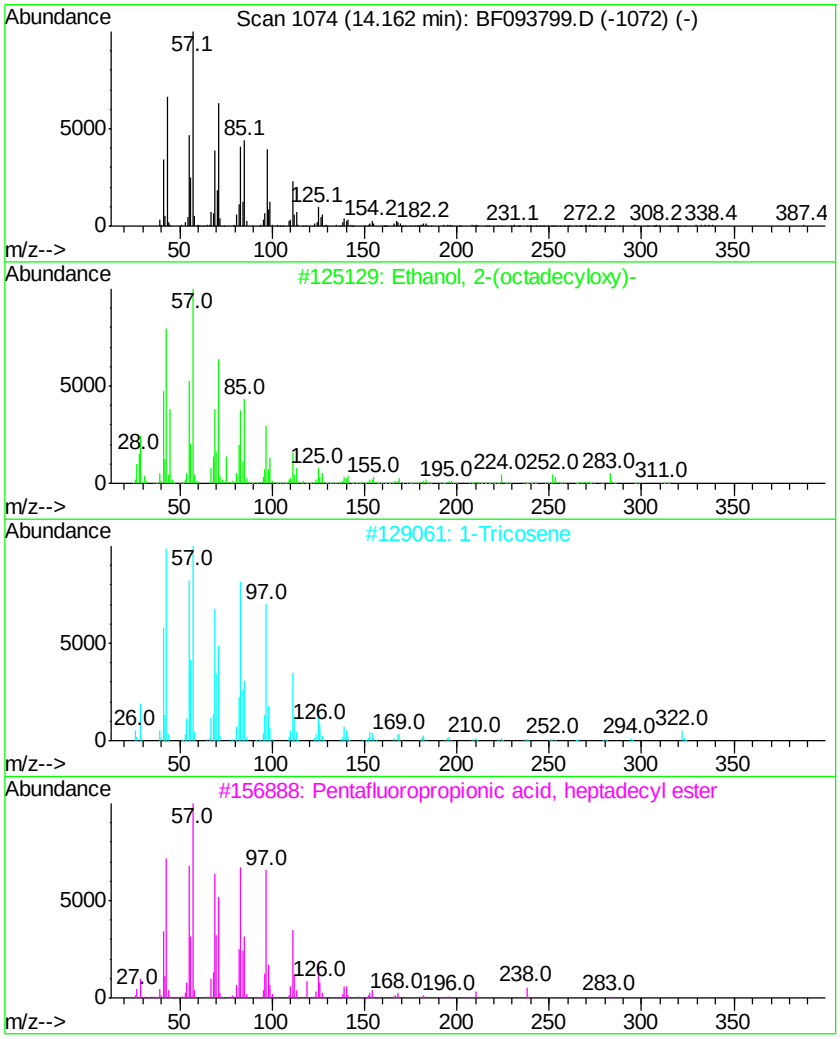
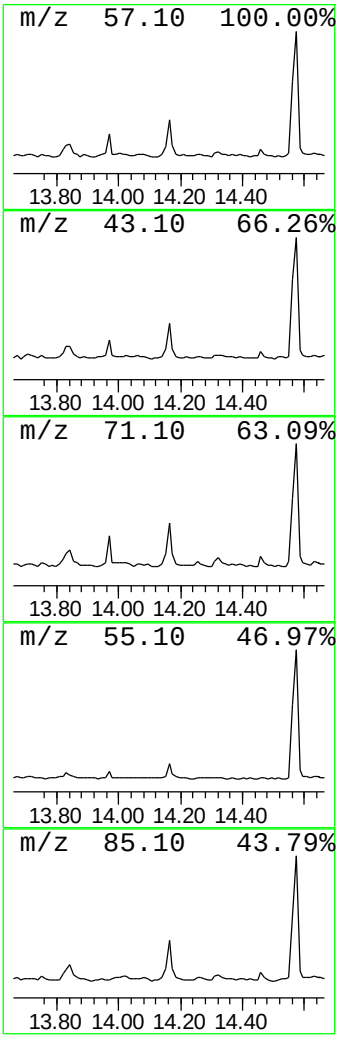
Peak Number 12 Ethanol, 2-(octadecyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	8.31 ng	718115	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	90
2	1-Tricosene	322	C23H46	018835-32-0	58
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
4	1-Nonadecene	266	C19H38	018435-45-5	53
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	52





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Instrument : BNA_F
ClientSampleId : MW-104S

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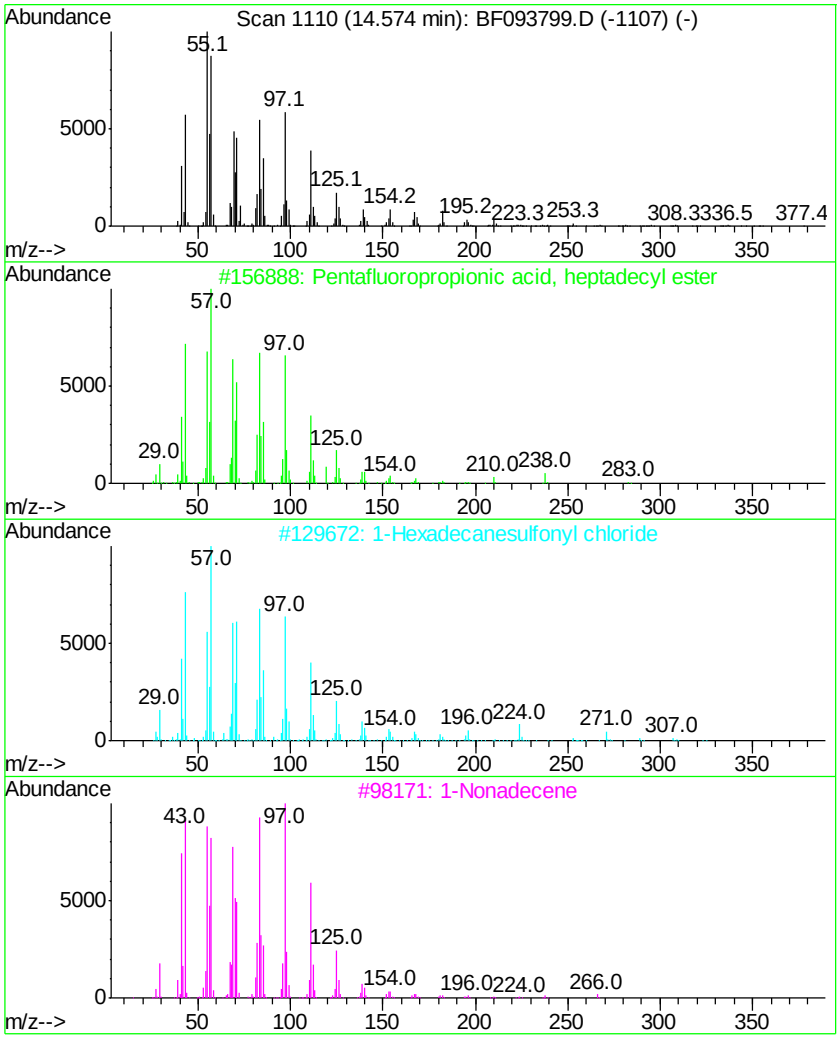
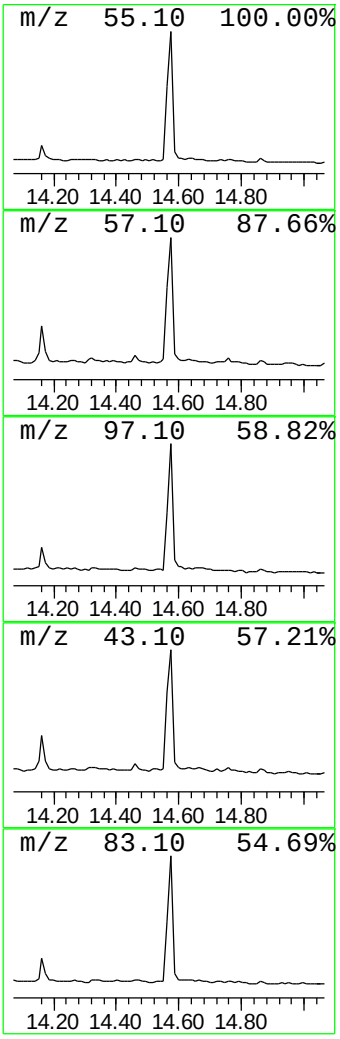
Peak Number 13 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	39.97 ng	3453160	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3	1-Nonadecene	266	C19H38	018435-45-5	81
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76





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ClientSampleId : MW-104S

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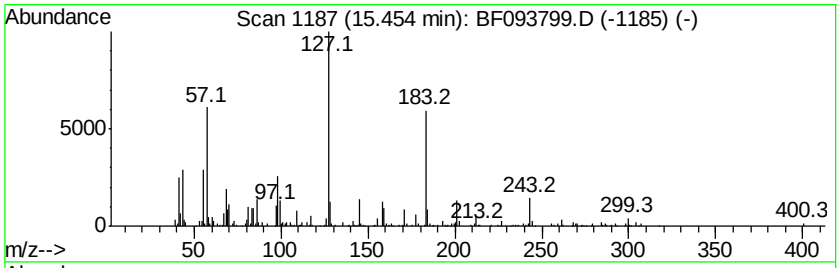
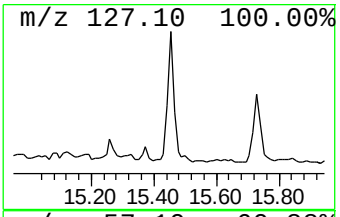
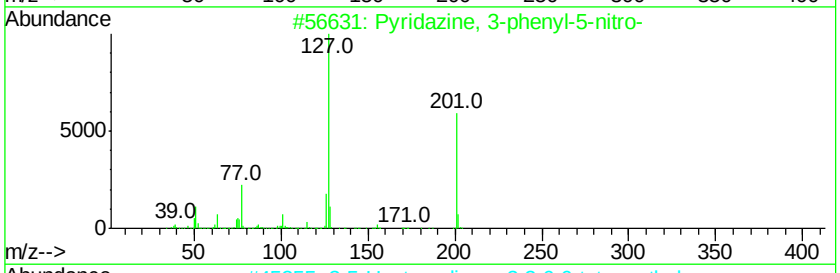
Peak Number 14 unknown15.45 Concentration Rank 17

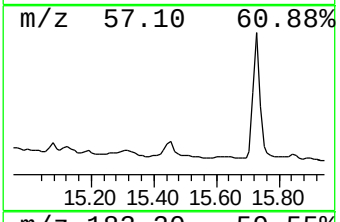
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.94 ng	346406	Perylene-d12	15.37

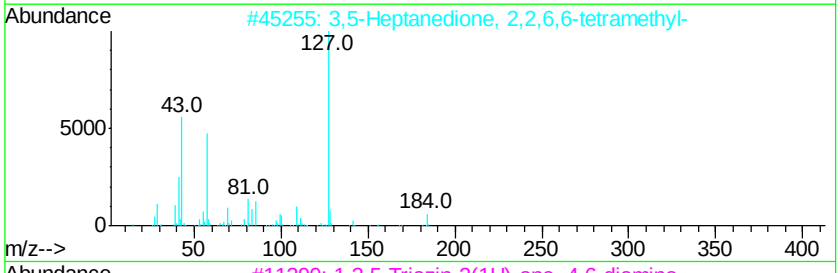
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridazine, 3-phenyl-5-nitro-	201	C10H7N3O2	096835-25-5	35
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	30
3	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	30
4	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	30
5	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	27

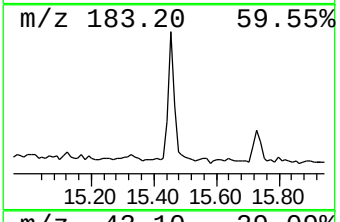


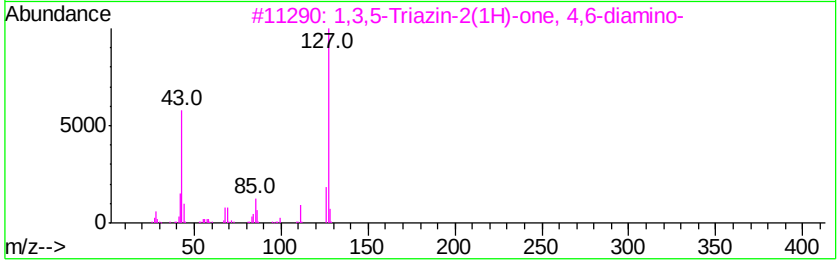


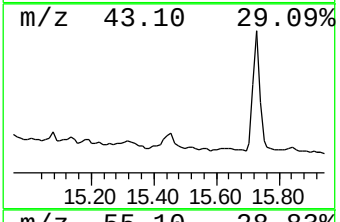


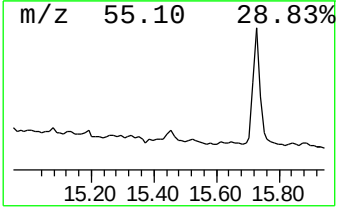












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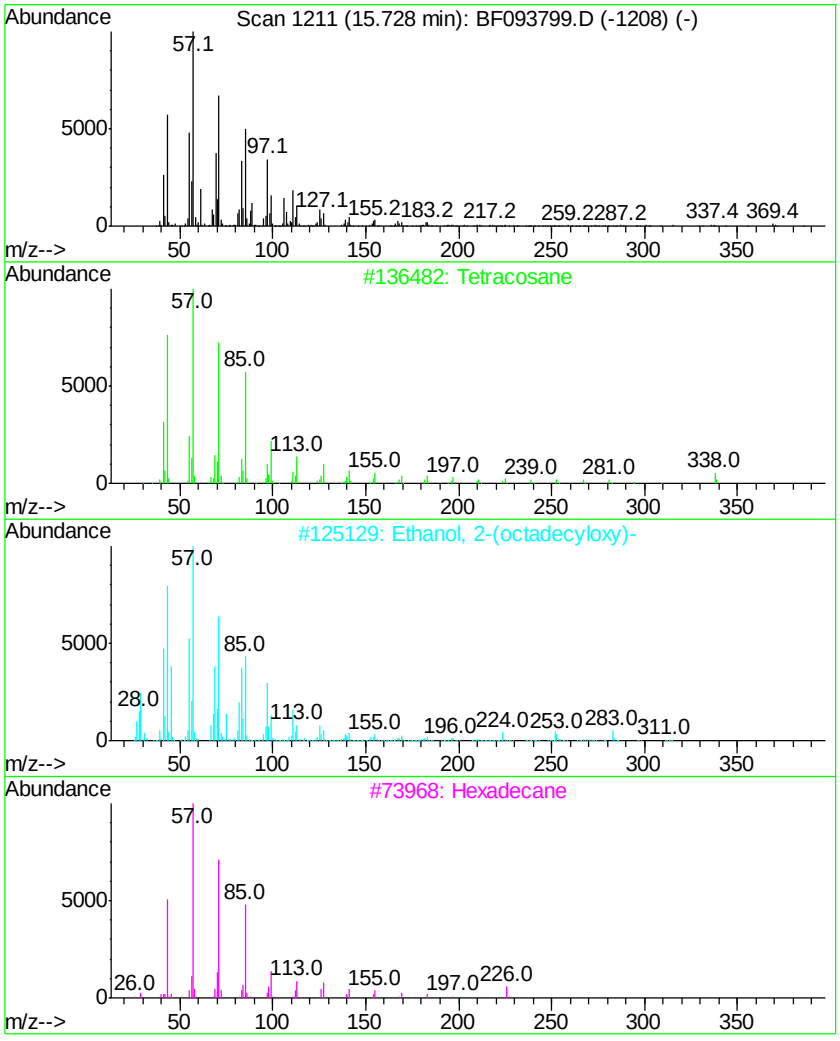
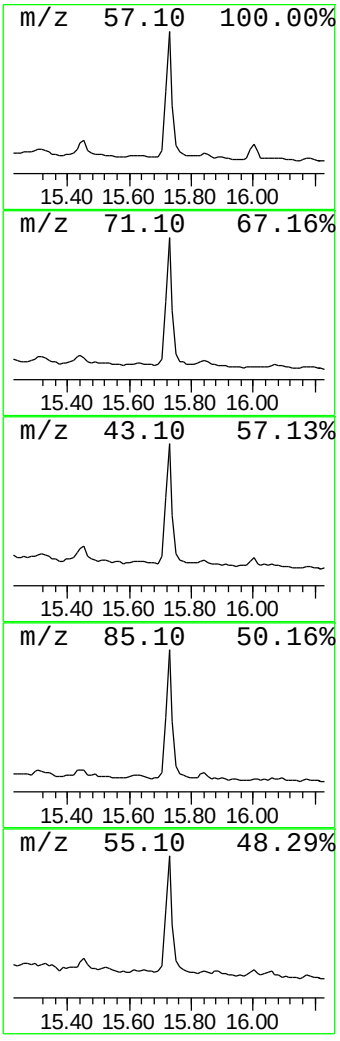
Peak Number 15 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	42.80 ng	2136660	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	68
3	Hexadecane	226	C16H34	000544-76-3	60
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	60
5	Heneicosane	296	C21H44	000629-94-7	58





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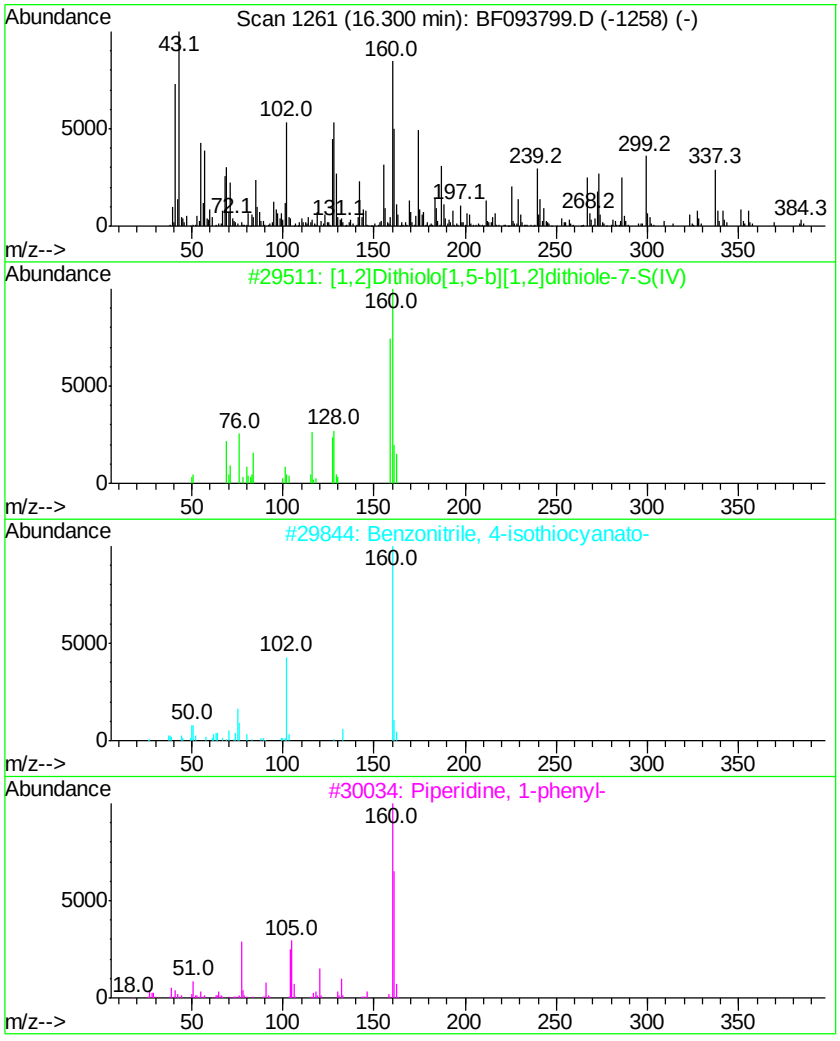
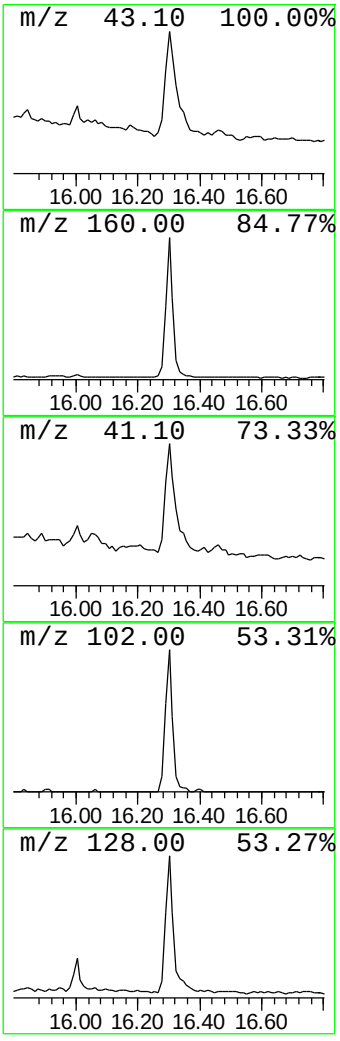
Peak Number 16 unknown16.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	33.95 ng	1694890	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2]Dithiolo[1,5-b][1,2]dithiol...	160	C5H4S3	000252-09-5	35
2	Benzonitrile, 4-isothiocyanato-	160	C8H4N2S	002719-32-6	22
3	Piperidine, 1-phenyl-	161	C11H15N	004096-20-2	14
4	Diethyl phthalimidoacetyl malonate	347	C17H17NO7	059336-04-8	12
5	5-Methoxytryptamine	190	C11H14N2O	000608-07-1	12





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ALS Vial : 9 Sample Multiplier: 1

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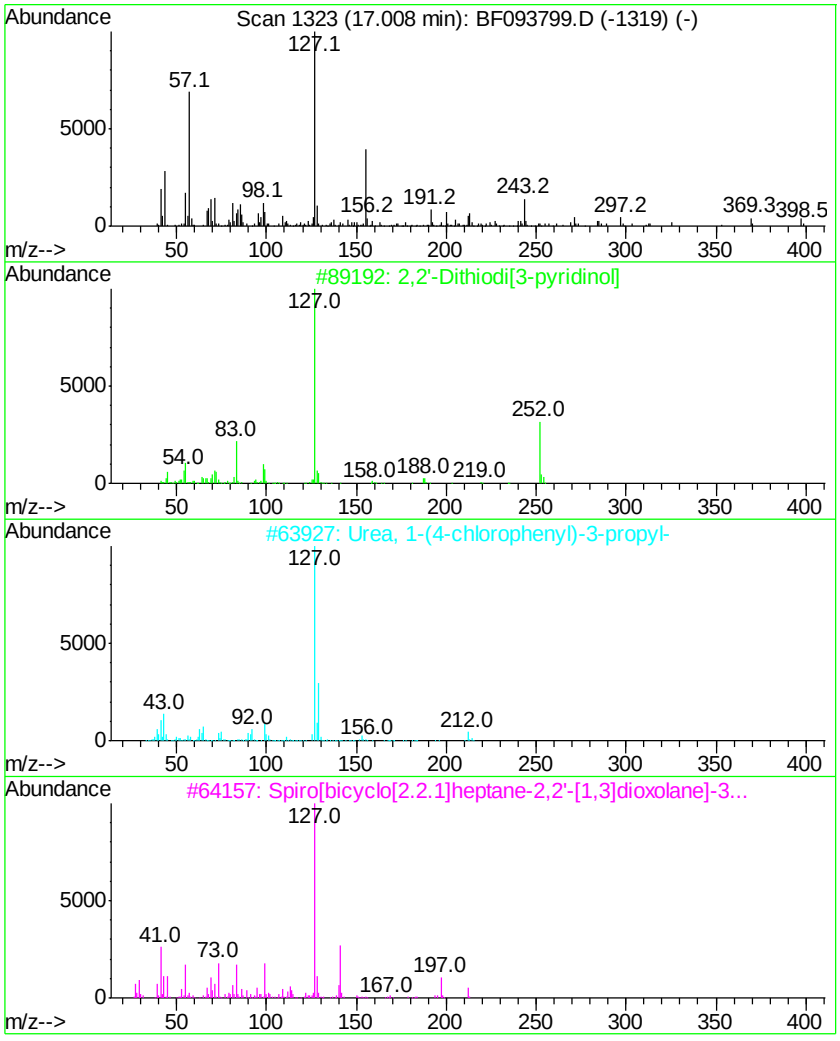
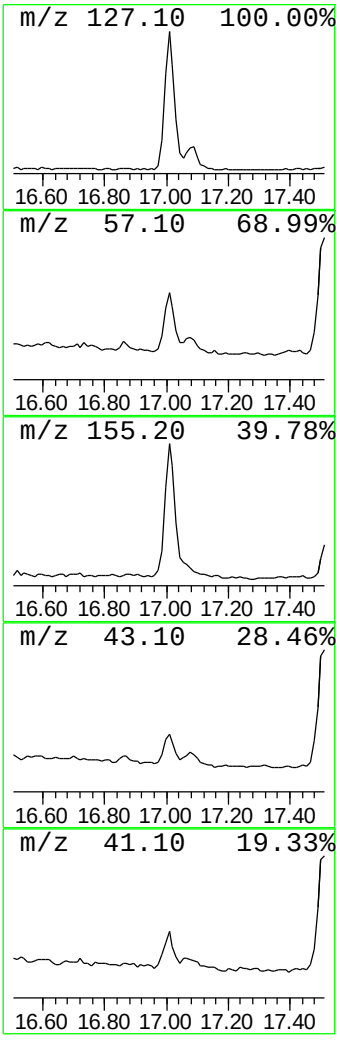
Peak Number 17 unknown17.01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	10.63 ng	530529	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dithiodi[3-pyridinol]	252	C10H8N2O2S2	068750-09-4	43
2	Urea, 1-(4-chlorophenyl)-3-propyl-	212	C10H13ClN2O	013208-64-5	43
3	Spiro[bicyclo[2.2.1]heptane-2,2'...	212	C12H20O3	035972-92-0	43
4	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	38
5	1H-Imidazole, 4-methyl-5-nitro-	127	C4H5N3O2	014003-66-8	38





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Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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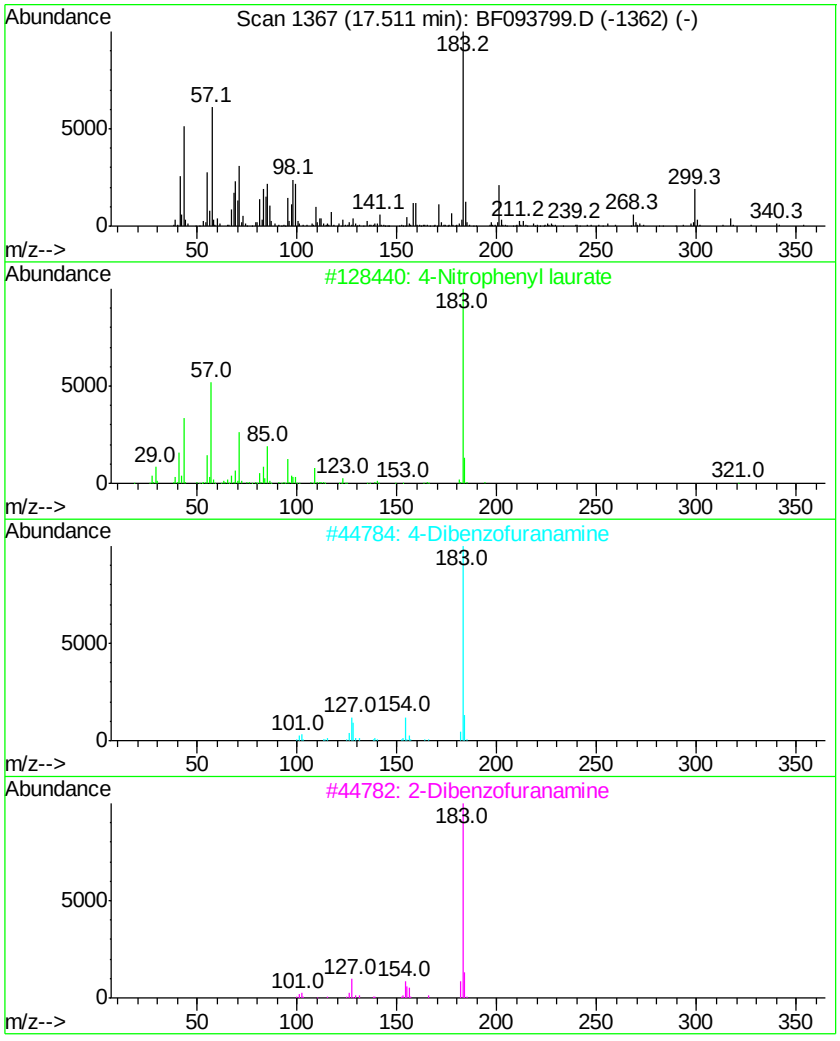
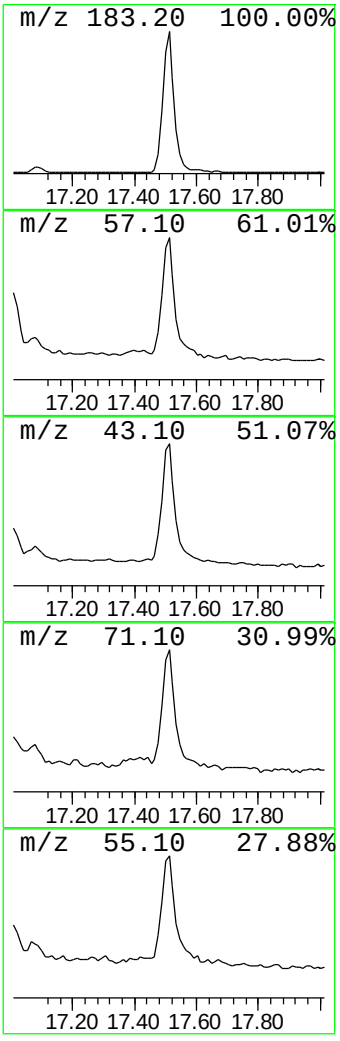
Peak Number 18 unknown17.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	39.91 ng	1992150	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	46
2	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	40
3	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	40
4	Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	38
5	4-Piperidyl benzilate	311	C19H21NO3	025811-48-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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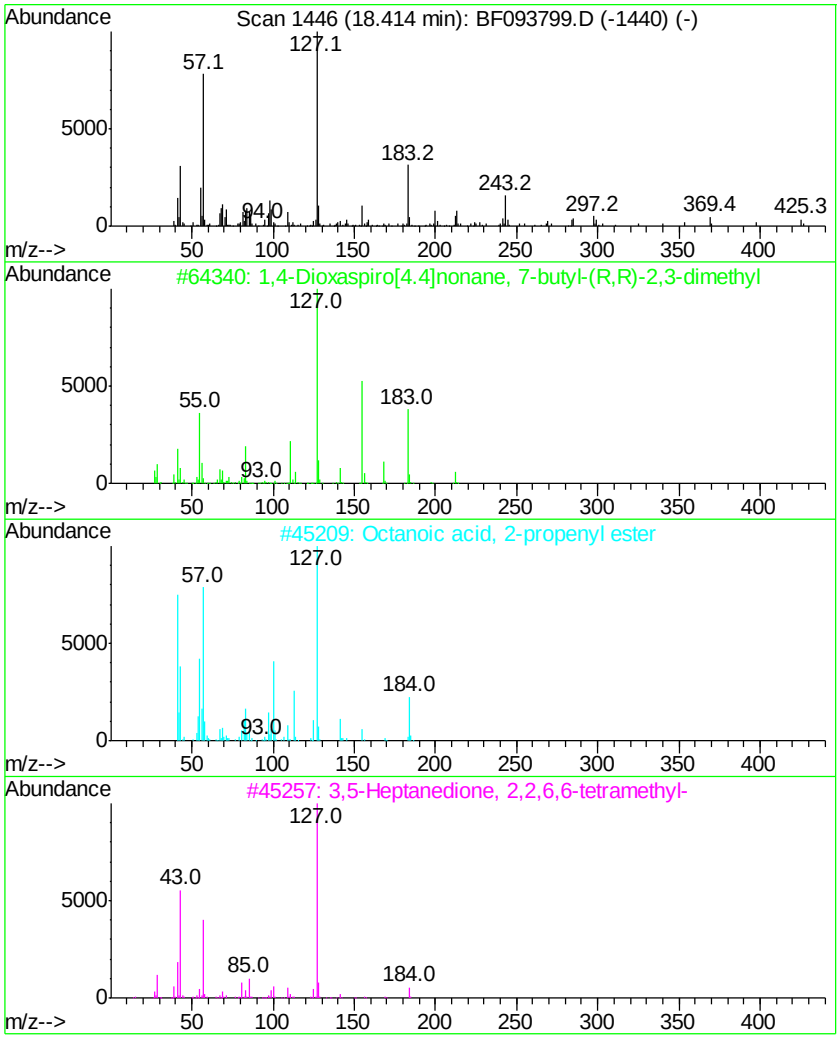
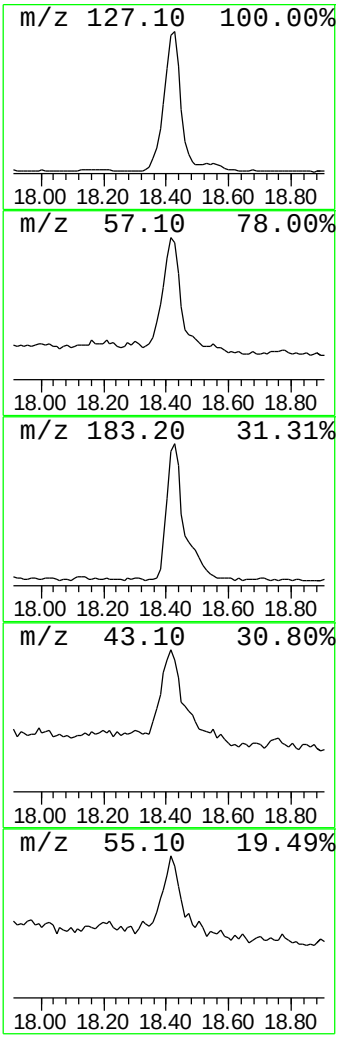
Peak Number 19 1,4-Dioxaspiro[4.4]nonane, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	18.72 ng	934312	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	64
2	Octanoic acid, 2-propenyl ester	184	C11H20O2	004230-97-1	47
3	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	46
4	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	43
5	Propylphosphonic acid, fluoroanh...	222	C10H20FO2P	1000273-52-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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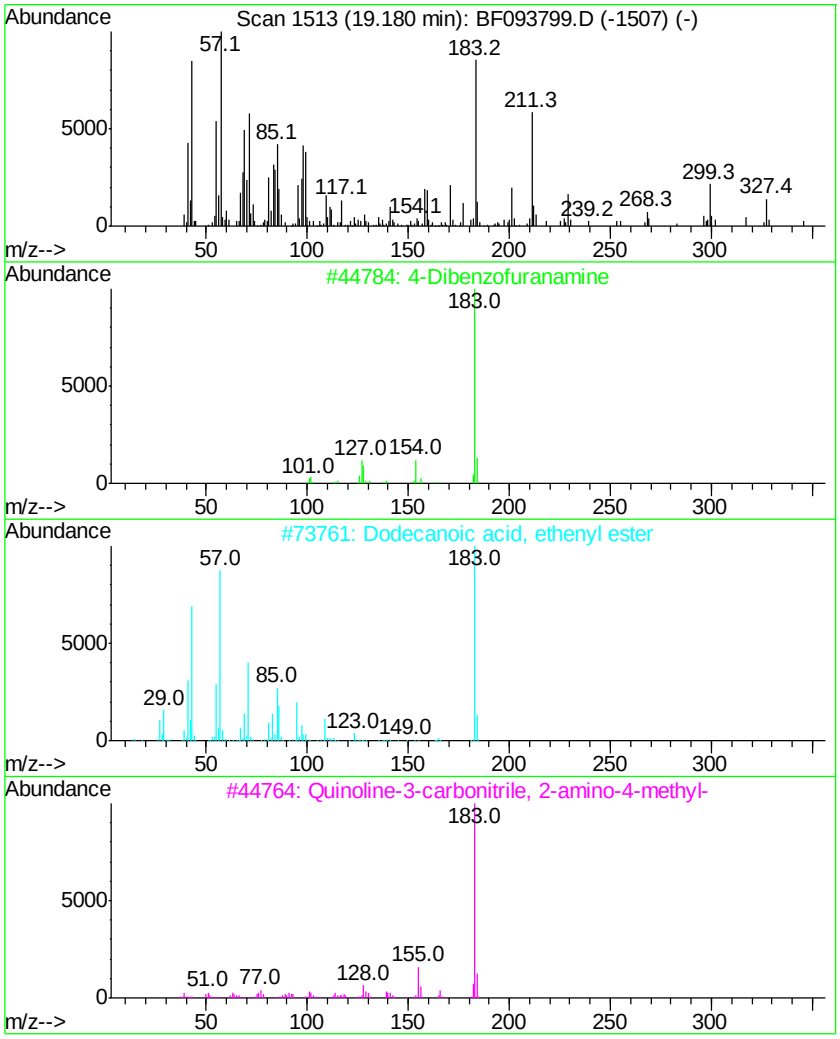
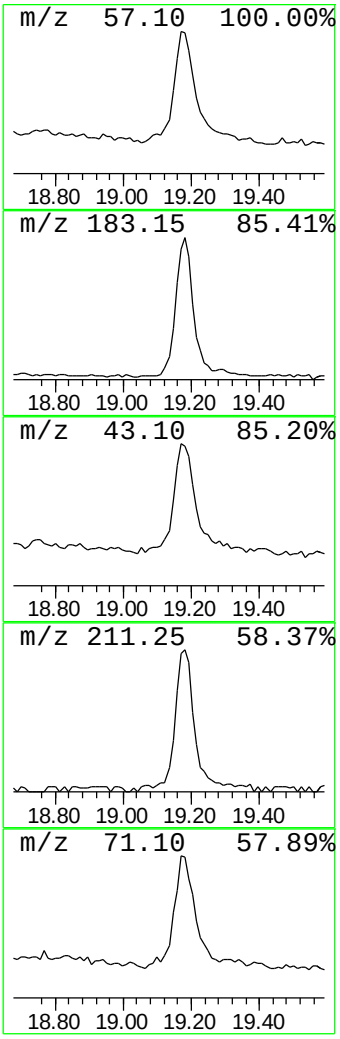
Peak Number 20 unknown19.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	20.25 ng	1010740	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	38
2	Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	22
3	Quinoline-3-carbonitrile, 2-amin...	183	C11H9N3	028448-11-5	18
4	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-8	18
5	Tridecane	184	C13H28	000629-50-5	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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	12.8	ng	789592	1	6.82	1238370	20.0
unknown6.60	6.60	78.5	ng	4857820	1	6.82	1238370	20.0
Naphthalene, 2,3-...	9.52	7.5	ng	786606	3	9.86	2086290	20.0
unknown10.79	10.79	7.0	ng	656772	4	11.34	1884100	20.0
Phenol, 2-methyl-...	10.84	10.2	ng	960486	4	11.34	1884100	20.0
Silane, chlorotri...	10.87	9.1	ng	853457	4	11.34	1884100	20.0
Phenol, m-tert-bu...	10.90	5.6	ng	528235	4	11.34	1884100	20.0
Hexadecane	11.26	6.2	ng	582710	4	11.34	1884100	20.0
n-Hexadecanoic acid	11.89	6.7	ng	633473	4	11.34	1884100	20.0
4H-Cyclopenta[def...	11.96	8.1	ng	760925	4	11.34	1884100	20.0
Ethanol, 2-(octad...	14.16	8.3	ng	718115	5	13.97	1727970	20.0
Pentafluoropropio...	14.57	40.0	ng	3453160	5	13.97	1727970	20.0
unknown15.45	15.45	6.9	ng	346406	6	15.37	998392	20.0
Tetracosane	15.73	42.8	ng	2136660	6	15.37	998392	20.0
unknown16.30	16.30	34.0	ng	1694890	6	15.37	998392	20.0
unknown17.01	17.01	10.6	ng	530529	6	15.37	998392	20.0
unknown17.51	17.51	39.9	ng	1992150	6	15.37	998392	20.0
1,4-Dioxaspiro[4....	18.41	18.7	ng	934312	6	15.37	998392	20.0
unknown19.18	19.18	20.3	ng	1010740	6	15.37	998392	20.0