LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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	2.443	13	18	27	rVB	393805	548592	2.46%	0.243%
2	2.978	100	109	117	rVB9	98739	296625	1.33%	0.132%
3	3.154	132	139	144	rBV4	123131	234017	1.05%	0.104%
4	3.613	213	217	226	rVB7	132078	276936	1.24%	0.123%
5	4.007	280	284	289	rVB	334962	422791	1.89%	0.188%
6	4.119	298	303	309	rVB	1682025	2112061	9.46%	0.937%
7	4.478	361	364	369	rVV2	237049	337024	1.51%	0.150%
8	4.519	369	371	380	rVV6	124687	233059	1.04%	0.103%
9	4.660	390	395	400	rVB5	183303	335099	1.50%	0.149%
10	4.795	412	418	422	rVV4	264897	432862	1.94%	0.192%
11	4.843	422	426	431	rVV2	345034	539108	2.42%	0.239%
12	4.890	431	434	439	rVB2	217431	234915	1.05%	0.104%
13	5.013	452	455	459	rVB2	403835	394982	1.77%	0.175%
14	5.095	466	469	472	rBV	676501	644100	2.89%	0.286%
15	5.213	483	489	495	rBV	849860	1212327	5.43%	0.538%
16	5.272	495	499	504	rVB6	169045	341113	1.53%	0.151%
17	5.337	506	510	515	rBV3	359451	418432	1.88%	0.186%
18	5.401	518	521	527	rBV3	299493	434183	1.95%	0.193%
19	5.478	530	534	537	rVB	2215163	2090100	9.37%	0.928%
20	5.548	541	546	548	rBV3	309567	351060	1.57%	0.156%
21	5.590	548	553	555	rVV	4410721	5677700	25.44%	2.520%
22	5.625	558	559	561	rVV	906465	680780	3.05%	0.302%
23	5.654	561	564	574	rVB2	919491	1719648	7.71%	0.763%
24	5.737	574	578	581	rVB3	492193	620270	2.78%	0.275%
25	5.842	591	596	598	rBV	3734971	3741116	16.76%	1.660%
26	5.866	598	600	603	rVV4	296911	370243	1.66%	0.164%
27	5.925	608	610	612	rVV	657786	614773	2.75%	0.273%
28	5.948	612	614	617	rVB	795546	749591	3.36%	0.333%
29	6.007	621	624	629	rBV3	419920	569464	2.55%	0.253%
30	6.184	645	654	657	rBV	3120673	6111589	27.39%	2.712%
31	6.225	657	661	671	rVB4	1108883	1682658	7.54%	0.747%
32	6.301	671	674	676	rBV2	518669	661706	2.97%	0.294%
33	6.337	677	680	684	rVB3	638599	927570	4.16%	0.412%
34	6.401	686	691	692	rBV2	508195	653458	2.93%	0.290%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.442	696	698	701	rVB	521448	400418	1.79%	0.178%
36	6.513	704	710	712	rBV	3252591	3827438	17.15%	1.699%
37	6.542	712	715	717	rBV	2760878	3053882	13.68%	1.355%
38	6.566	717	719	721	rVB	1688508	1474264	6.61%	0.654%
39	6.625	726	729	731	rBV2	317863	367376	1.65%	0.163%
40	6.672	733	737	740	rBV2	1608157	2024746	9.07%	0.899%
41	6.766	740	753	755	rBV6	1800381	5380523	24.11%	2.388%
42	6.813	756	761	768	rVB2	5205192	8575304	38.43%	3.806%
43	6.878	768	772	774	rBV2	610676	875863	3.92%	0.389%
44	6.919	775	779	783	rVB5	757640	1064706	4.77%	0.473%
45	6.954	783	785	786	rBV	383823	284285	1.27%	0.126%
46	6.984	786	790	793	rBV3	1965870	2228722	9.99%	0.989%
47	7.042	793	800	802	rBV2	3183739	4502199	20.18%	1.998%
48	7.072	802	805	812	rVB	3280713	4295257	19.25%	1.906%
49	7.148	812	818	825	rVB3	5011964	8179951	36.66%	3.630%
50	7.248	825	835	838	rBV	4117656	7468966	33.47%	3.315%
51	7.301	841	844	847	rVB4	1283793	1286842	5.77%	0.571%
52	7.342	847	851	854	rVB4	1040410	1307750	5.86%	0.580%
53	7.378	854	857	858	rBV2	480004	571027	2.56%	0.253%
54	7.407	859	862	864	rBV3	1122155	1499924	6.72%	0.666%
55	7.489	870	876	879	rBV7	1218809	2560449	11.47%	1.136%
56	7.566	883	889	891	rBV2	3493276	5569365	24.96%	2.472%
57	7.607	891	896	898	rVB	2762251	3509766	15.73%	1.558%
58	7.689	904	910	918	rBV3	2119811	4946946	22.17%	2.195%
59	7.778	922	925	929	rVB3	1510251	2033865	9.11%	0.903%
60	7.854	930	938	942	rBV6	1726052	3729534	16.71%	1.655%
61	8.019	961	966	971	rVB4	5658141	11391047	51.05%	5.055%
62	8.078	971	976	978	rBV2	2880523	4150227	18.60%	1.842%
63	8.101	978	980	982	rVB	1235089	918154	4.11%	0.407%
64	8.142	983	987	993	rVB3	2401819	3273013	14.67%	1.453%
65	8.207	993	998	1002	rBV3	3407029	5530314	24.78%	2.454%
66	8.325	1012	1018	1020	rBV3	3849046	5001660	22.41%	2.220%
67	8.431	1032	1036	1039	rBV5	1274611	2271330	10.18%	1.008%
68	8.536	1051	1054	1057	rBV2	1289431	1682353	7.54%	0.747%
69	8.595	1060	1064	1067	rBV2	2400876	3389522	15.19%	1.504%
70	8.707	1079	1083	1086	rBV2	2799399	3468844	15.54%	1.539%
71	8.754	1086	1091	1094	rVB	3577898	5228960	23.43%	2.321%

LSC Area Percent Report

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Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.789	1095	1097	1103	rBV4	1451044	2141358	9.60%	0.950%
73	8.848	1104	1107	1109	rBV4	1489411	1679705	7.53%	0.745%
74	8.936	1121	1122	1123	rBV	516432	283052	1.27%	0.126%
75	10.407	1369	1372	1376	rBV4	1427312	1861153	8.34%	0.826%
76	10.519	1388	1391	1394	rBV5	1556450	2066219	9.26%	0.917%
77	11.542	1563	1565	1568	rVB	1050289	987445	4.42%	0.438%
78	12.071	1652	1655	1660	rBV5	1139761	1272959	5.70%	0.565%
79	12.642	1749	1752	1754	rVB	1235831	1170288	5.24%	0.519%
80	12.754	1765	1771	1773	rVB	1820655	2680650	12.01%	1.190%
81	13.124	1829	1834	1837	rVB	2974980	3444348	15.43%	1.529%
82	13.507	1894	1899	1900	rBV	5456527	6405697	28.71%	2.843%
83	14.154	2004	2009	2011	rBV	5917544	7099085	31.81%	3.150%
84	14.183	2011	2014	2017	rVB	2095806	2201691	9.87%	0.977%
85	15.018	2152	2156	2160	rBV2	1269612	1955523	8.76%	0.868%
86	15.601	2250	2255	2263	rVB	1153754	1859313	8.33%	0.825%
87	15.724	2274	2276	2280	rVB2	754772	848228	3.80%	0.376%
88	16.530	2409	2413	2420	rVB	581706	1065466	4.77%	0.473%
89	16.948	2461	2484	2487	rBV	4505974	22315575	100.00%	9.903%

Sum of corrected areas: 225332499

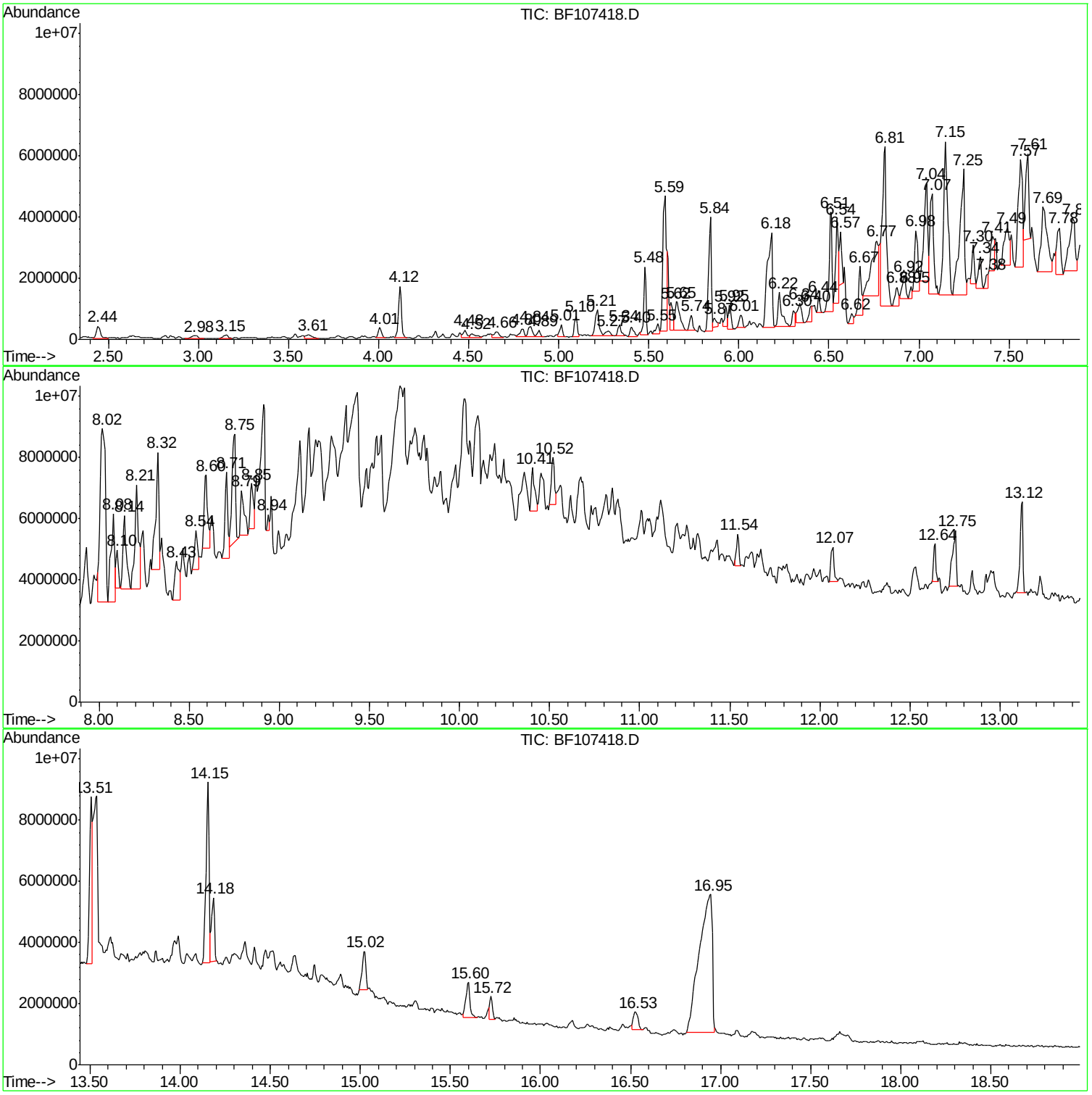
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

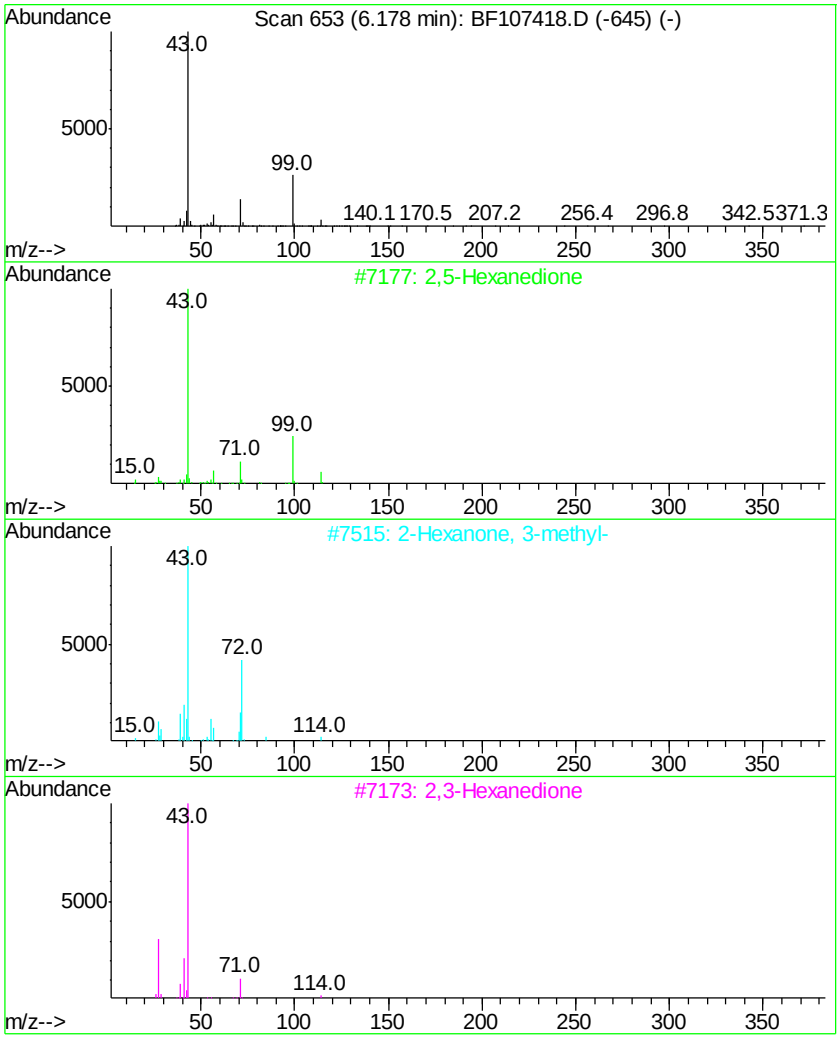
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

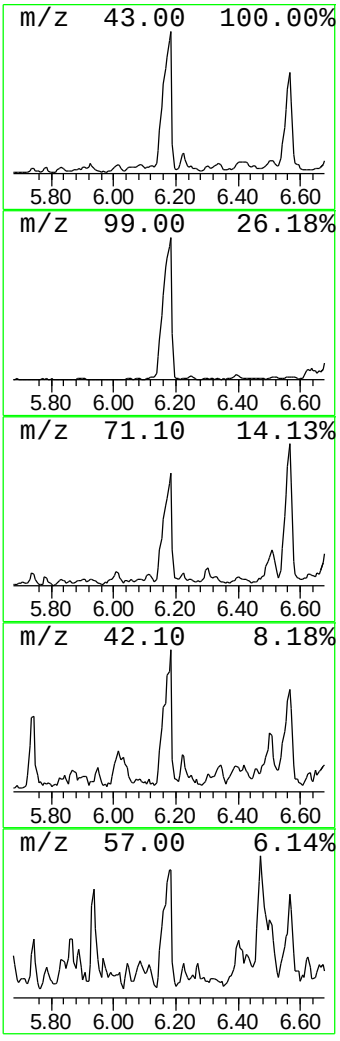
****

Peak Number 2 2,5-Hexanedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	54.84 ng	6111590	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Hexanedione	114	C6H10O2	000110-13-4	72
2	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	38
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	37
4	2-Heptanone, 1-ethoxy-	158	C9H18O2	051149-70-3	33
5	2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

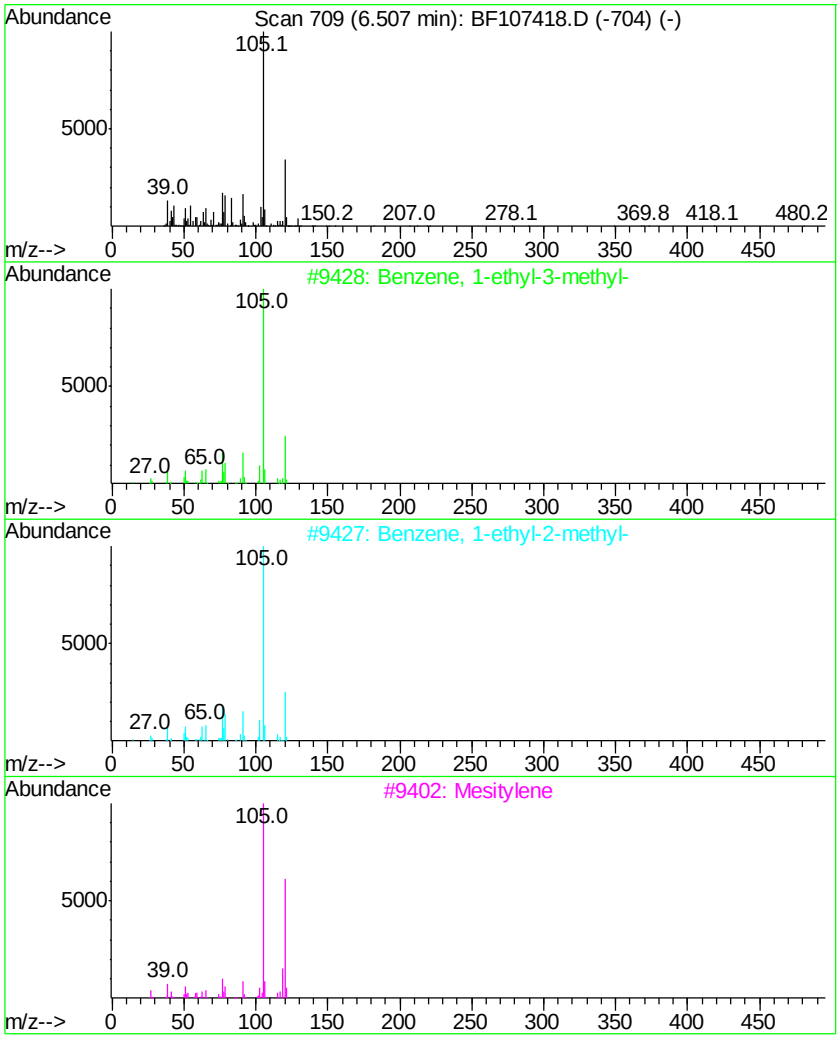
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

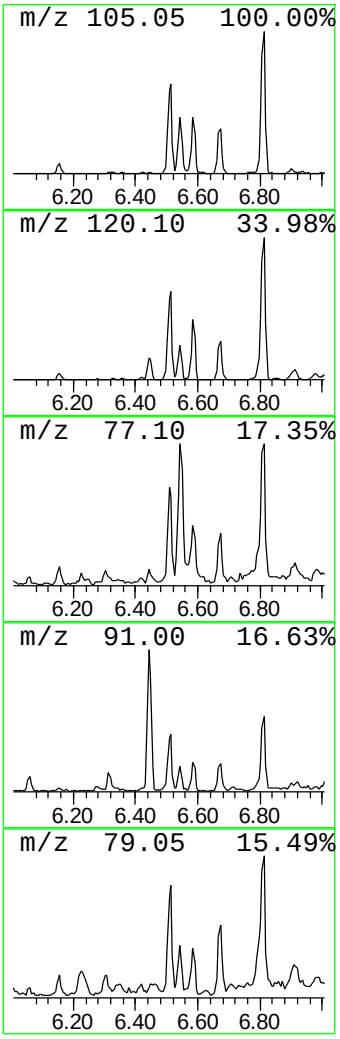
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	34.35 ng	3827440	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

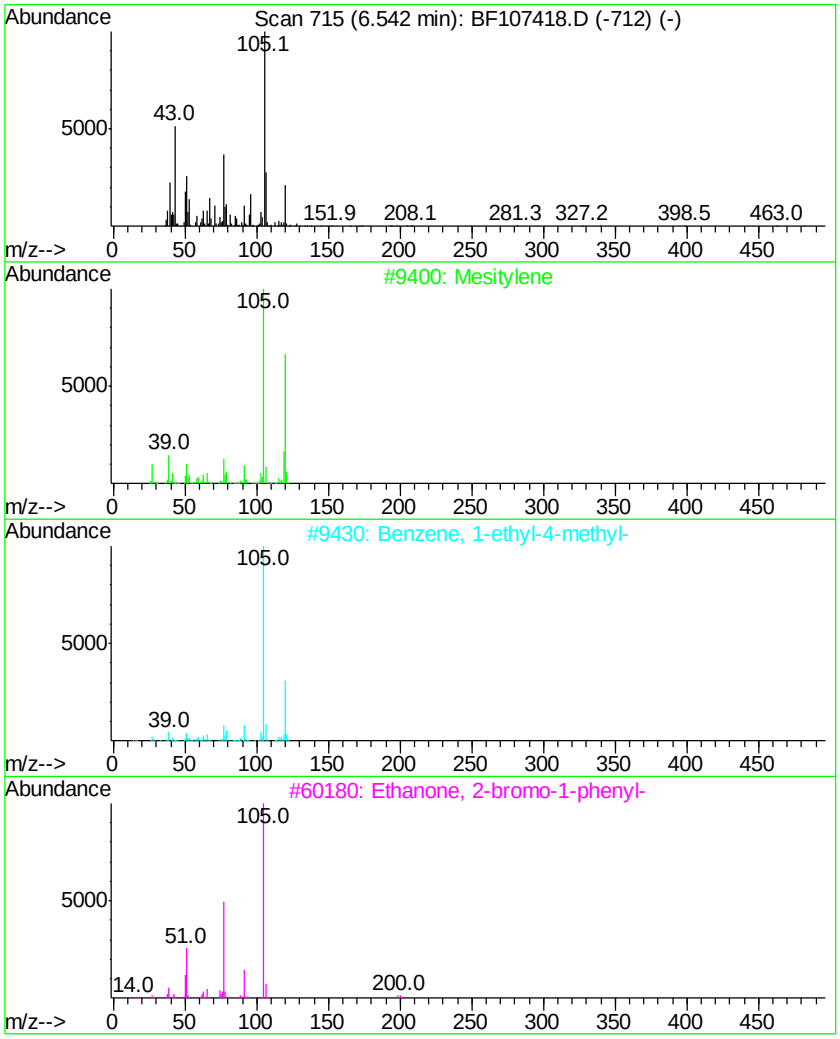
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

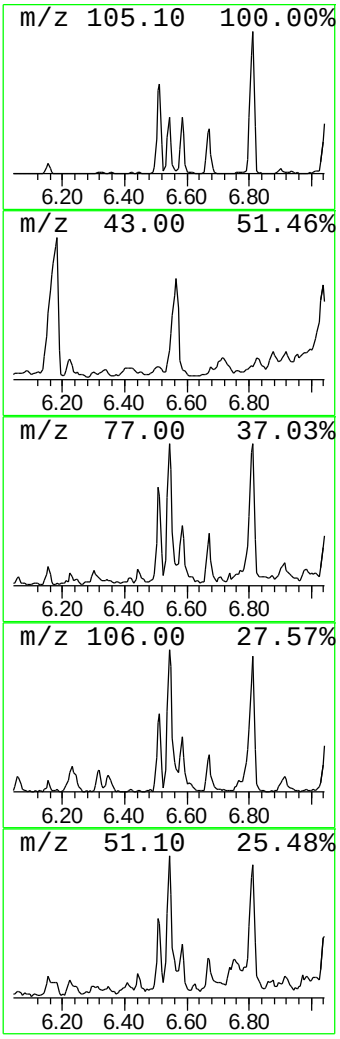
****

Peak Number 4 unknown6.54 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	27.40 ng	3053880	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	47
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	43
3	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	43
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

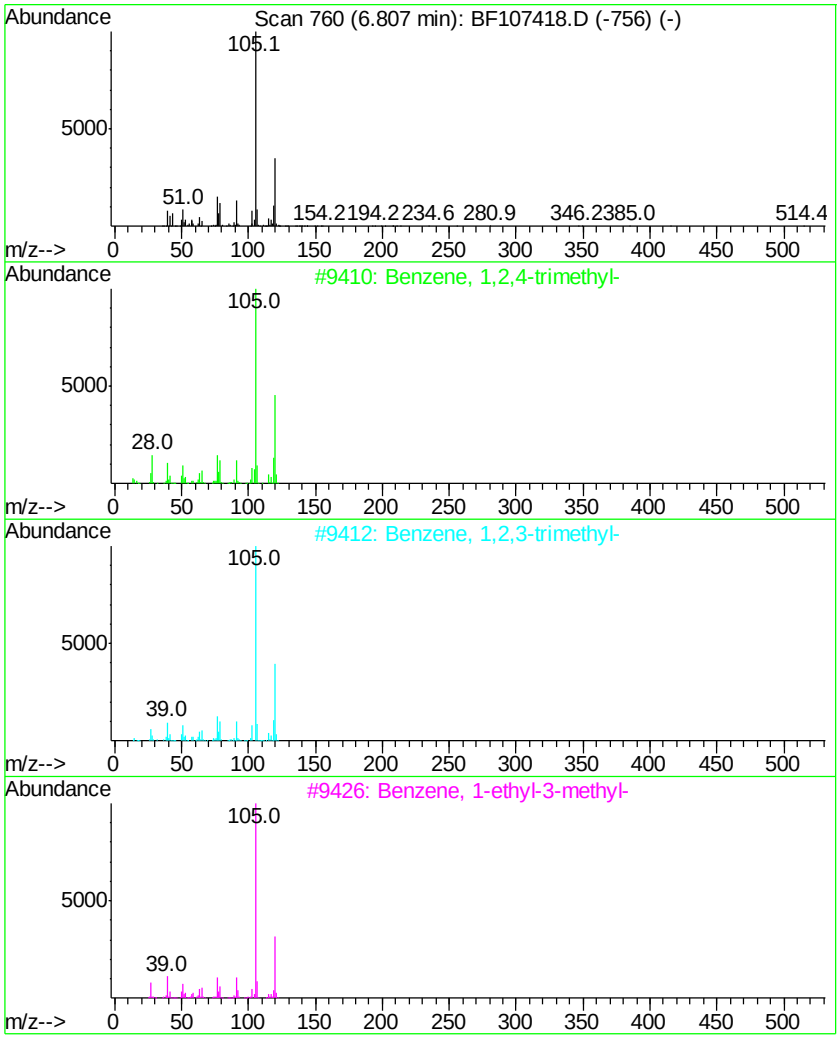
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

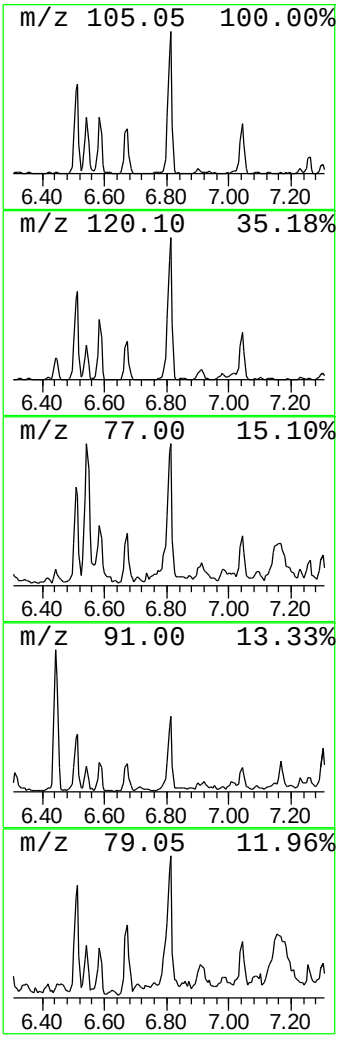
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	76.95 ng	8575300	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

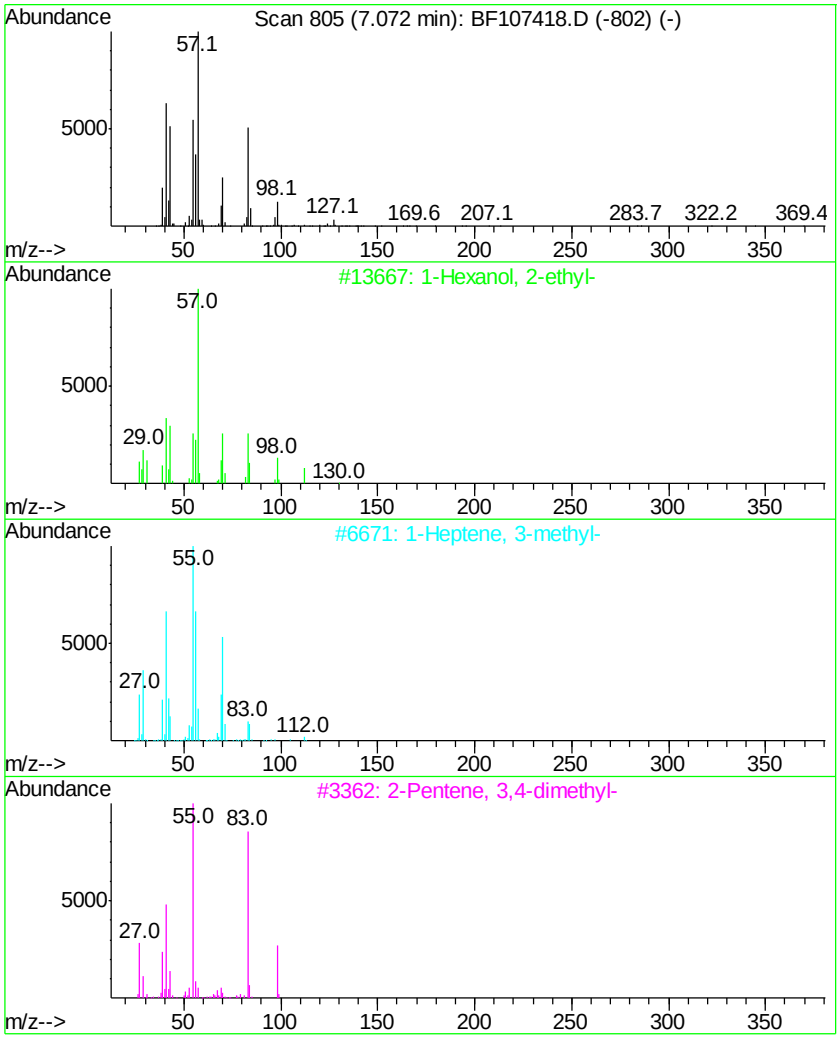
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

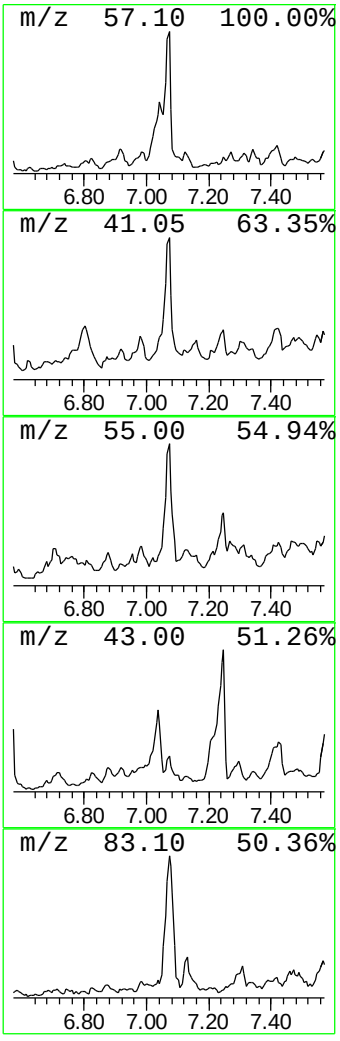
****

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	38.54 ng	4295260	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
2	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	43
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	43
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	43
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107418.D
Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

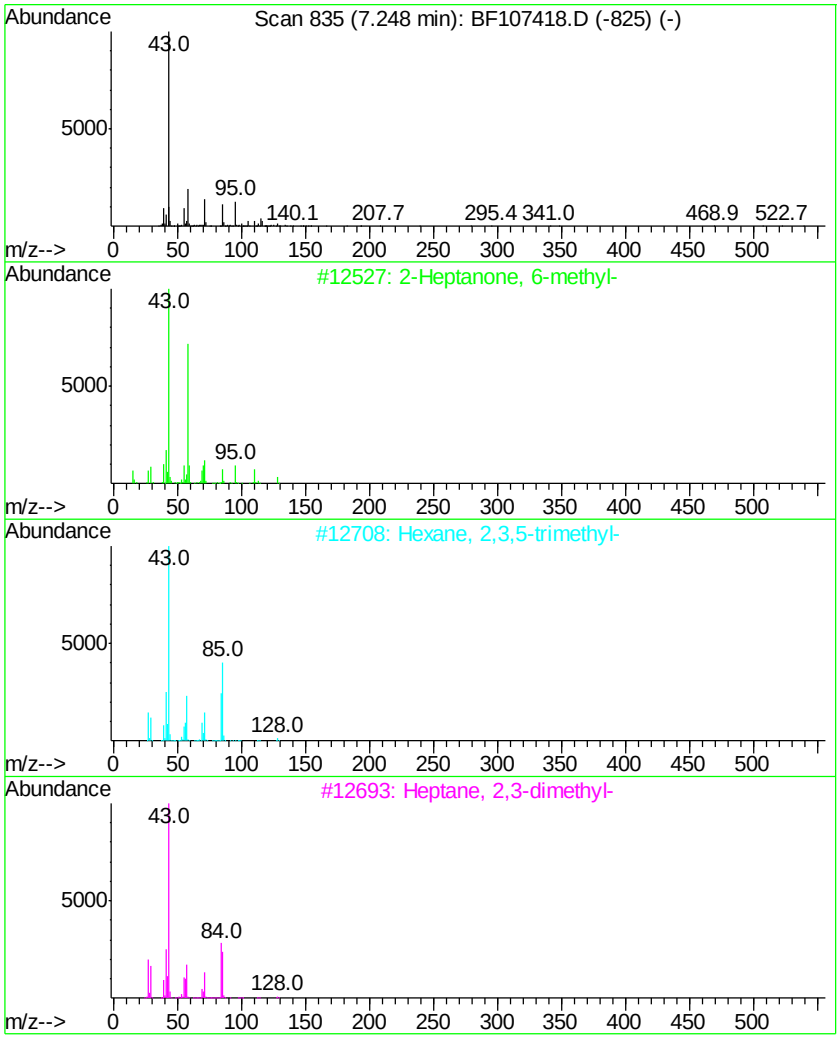
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

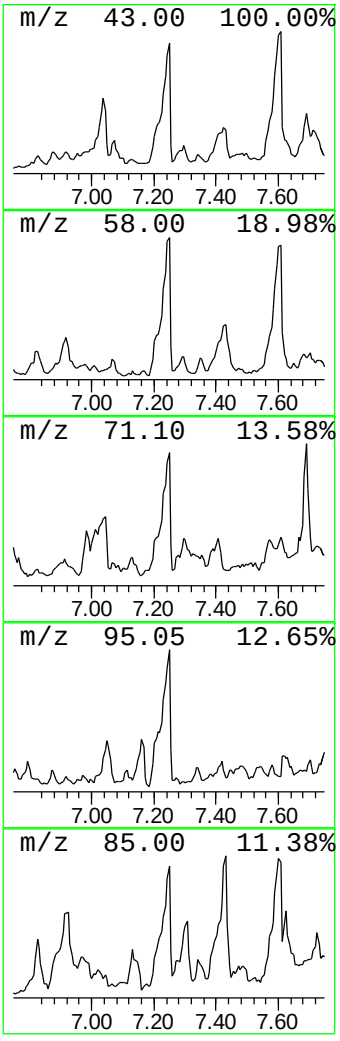
****

Peak Number 10 unknown7.25 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	67.02 ng	7468970	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	38
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	32
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	28
5	Octane, 4-methyl-	128	C9H20	002216-34-4	28





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Acq On : 16 Jul 2018 22:28
Operator : JU/SJ
Sample : J3545-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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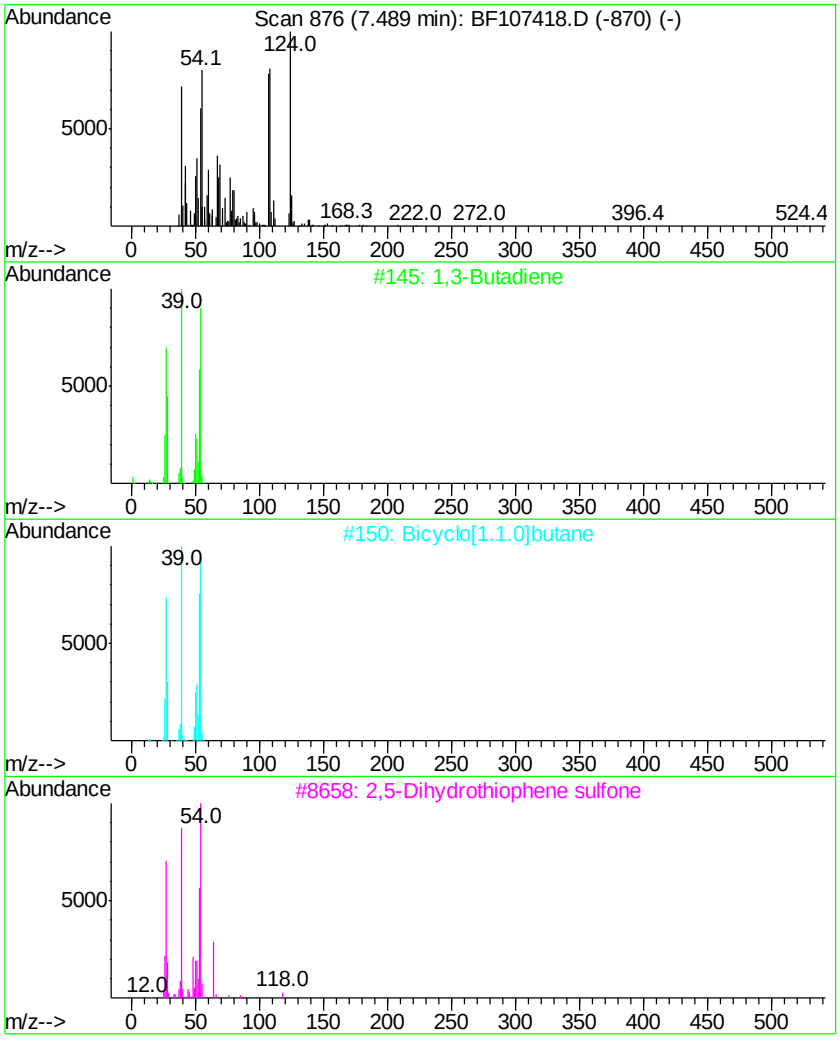
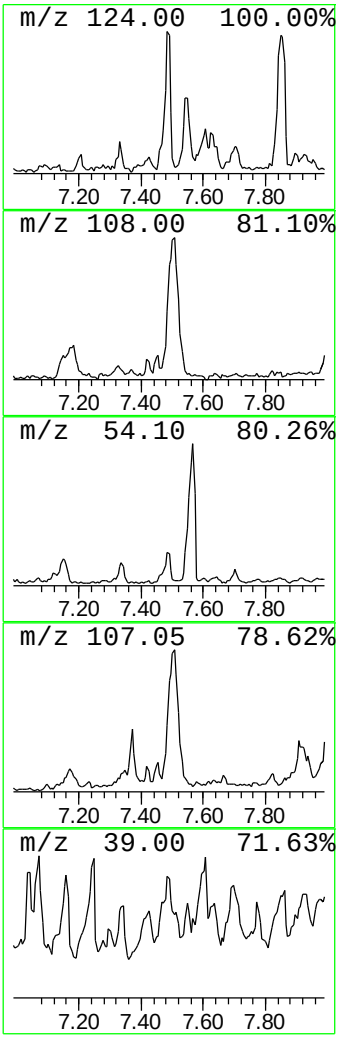
Peak Number 11 unknown7.49 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	22.98 ng	2560450	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene	54	C4H6	000106-99-0	49
2	Bicyclo[1.1.0]butane	54	C4H6	000157-33-5	49
3	2,5-Dihydrothiophene sulfone	118	C4H6O2S	000077-79-2	47
4	Acetonitrile, 2-(2H-tetrazol-2-yl)-	109	C3H3N5	125707-86-0	47
5	2,3-Diaminobut-2-enedinitrile	108	C4H4N4	018514-52-8	46





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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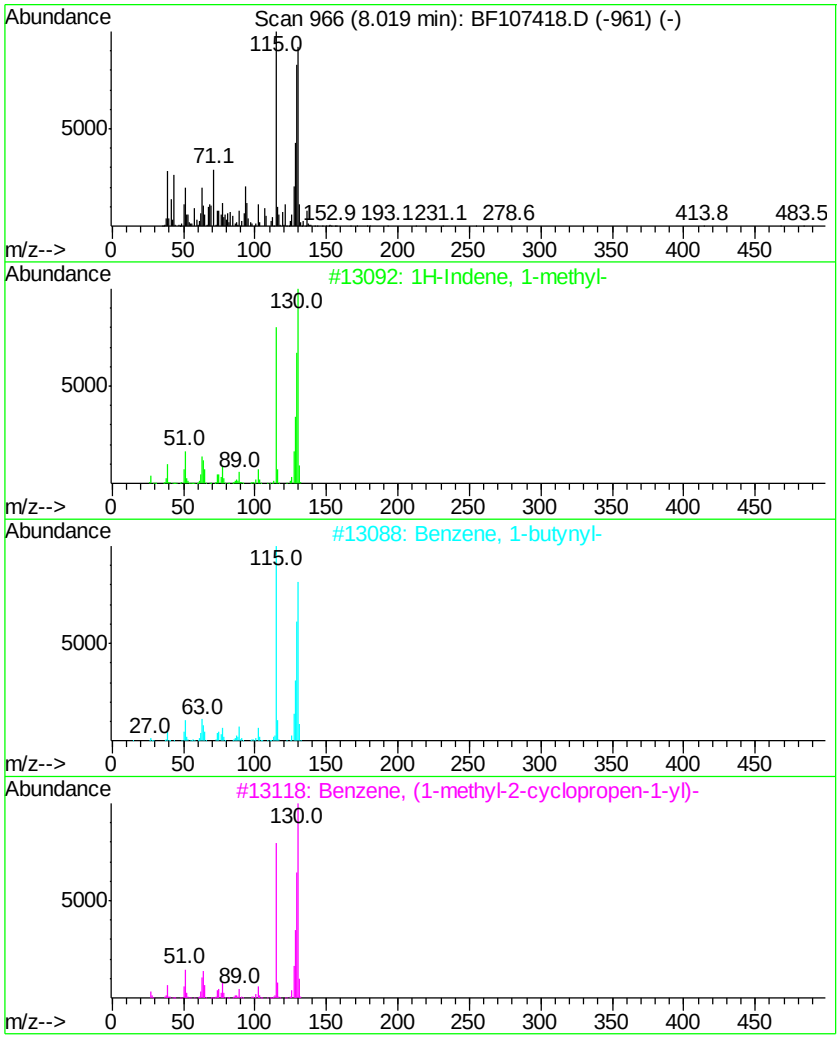
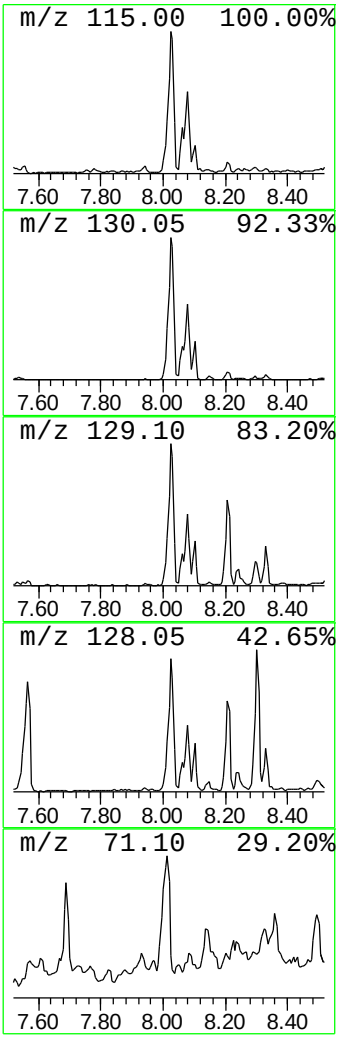
Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	45.55 ng	11391000	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
5	2-Methylindene	130	C10H10	002177-47-1	90





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Instrument : BNA_F
ClientSampleId : DRUM-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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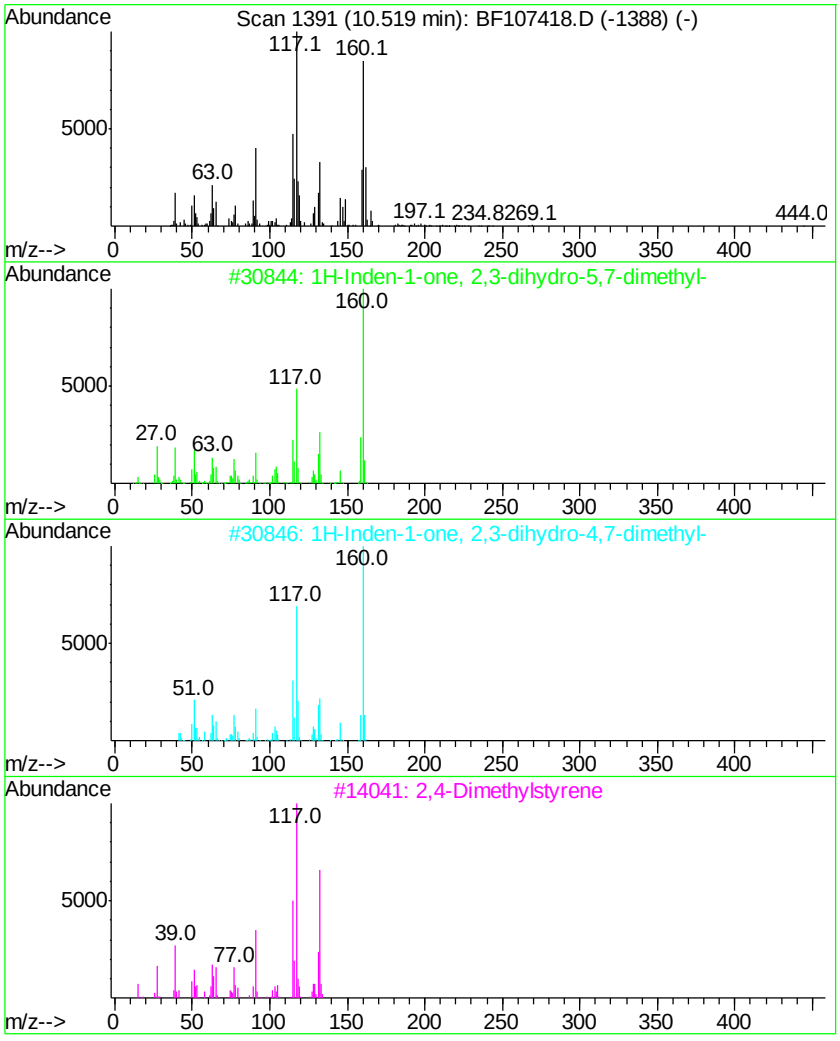
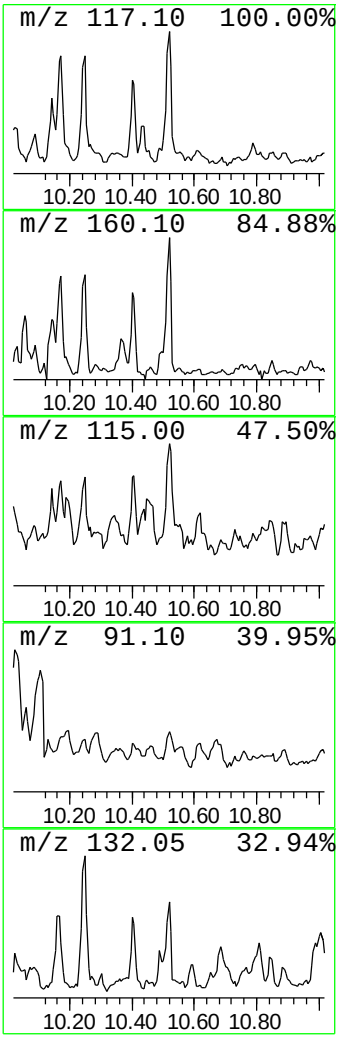
Peak Number 13 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	22.20 ng	2066220	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	72
2	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	58
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	43
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	43
5	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	43





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ClientSampleId : DRUM-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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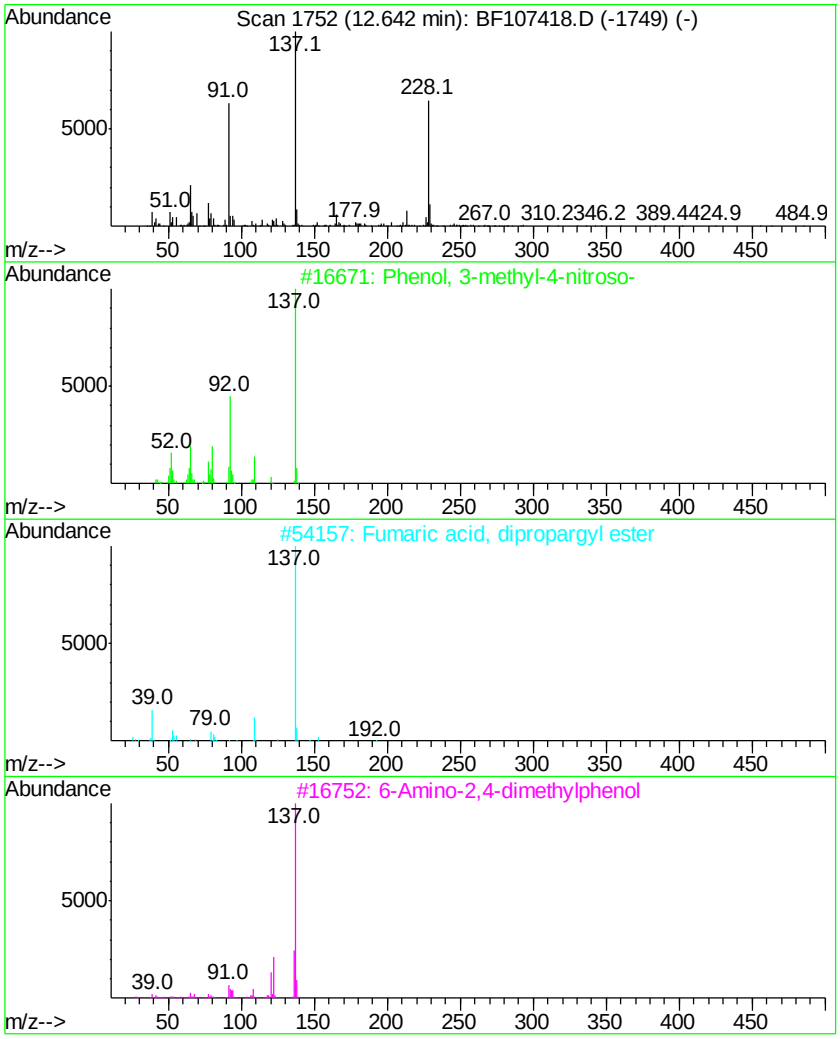
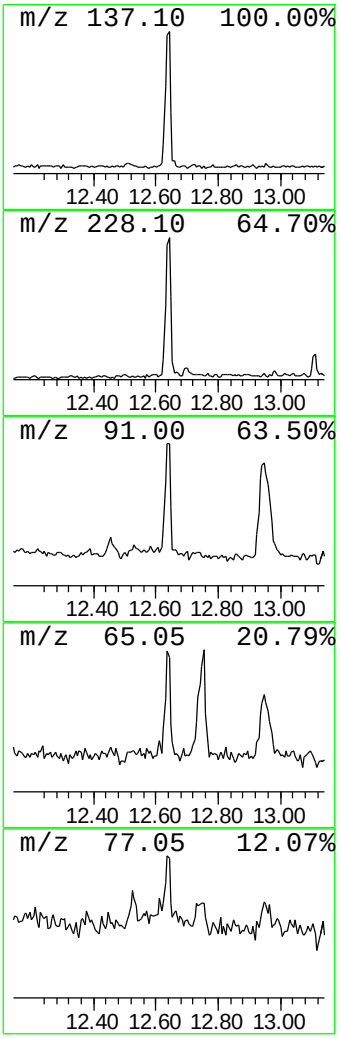
Peak Number 14 unknown12.64 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	23.70 ng	1170290	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	43
2	Fumaric acid, dipropargyl ester	192	C10H8O4	1000330-54-0	35
3	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	35
4	Benzenemethanol, 4-methoxy-.alph...	251	C13H17NO4	103130-05-8	35
5	(4-Methoxyphenyl)(2-methylenecyc...	232	C15H20O2	1000191-91-2	35





Library Search Compound Report

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Sample : J3545-05
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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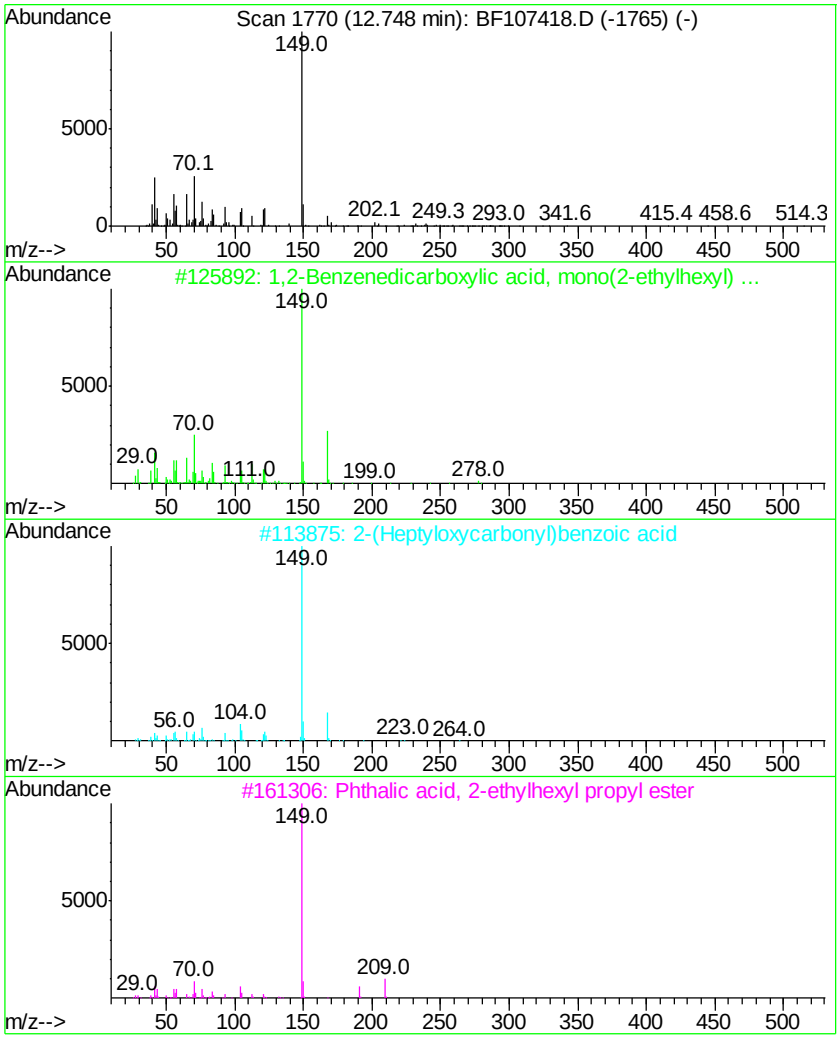
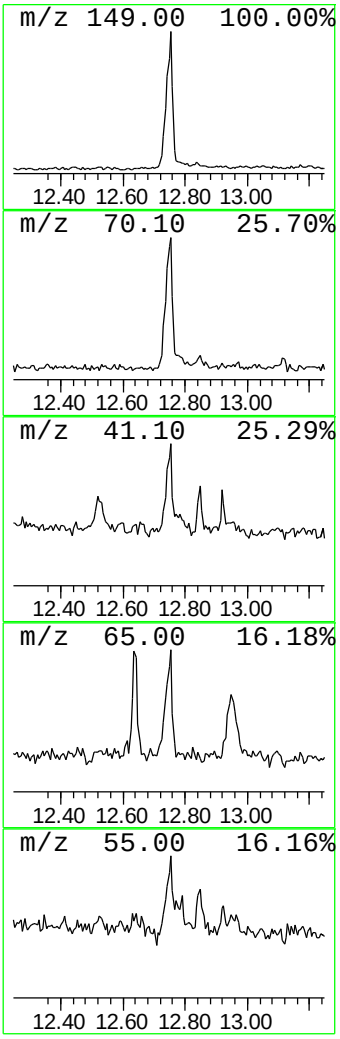
Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	54.29 ng	2680650	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	90
2	2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	1000373-67-7	74
3	Phthalic acid, 2-ethylhexyl prop...	320	C19H28O4	1000309-00-2	72
4	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	64
5	Phthalic acid, isoporpyl propyl ...	250	C14H18O4	1000314-99-7	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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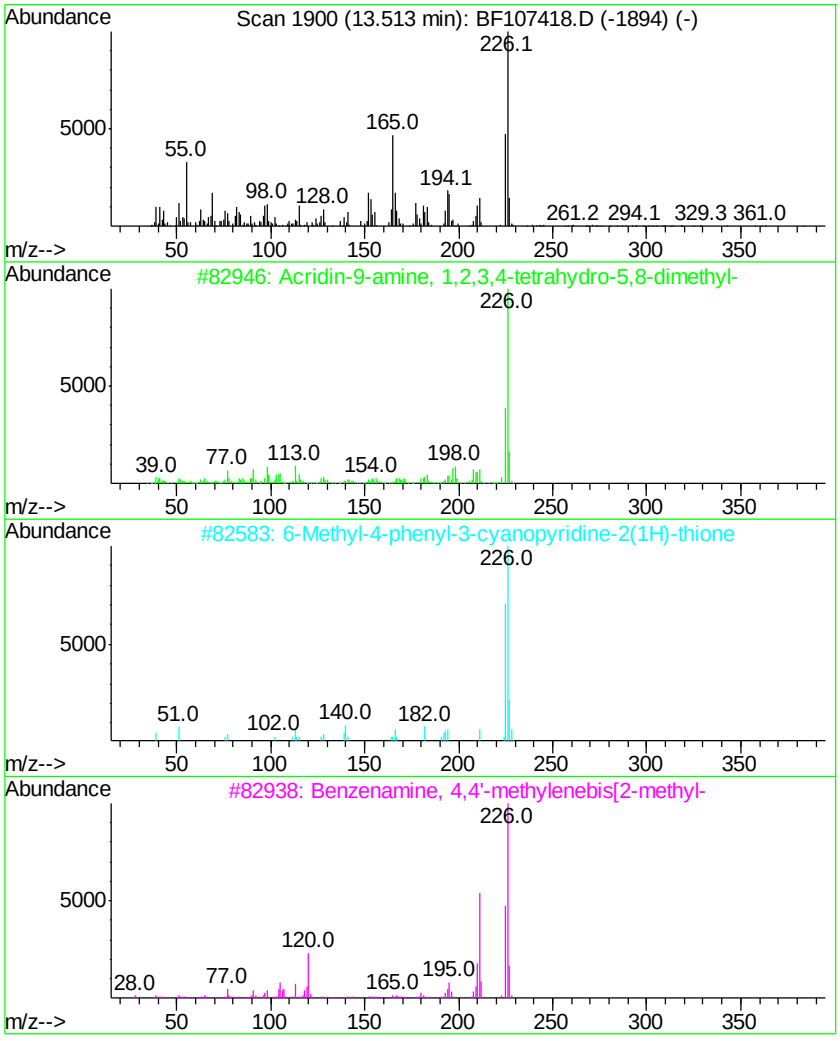
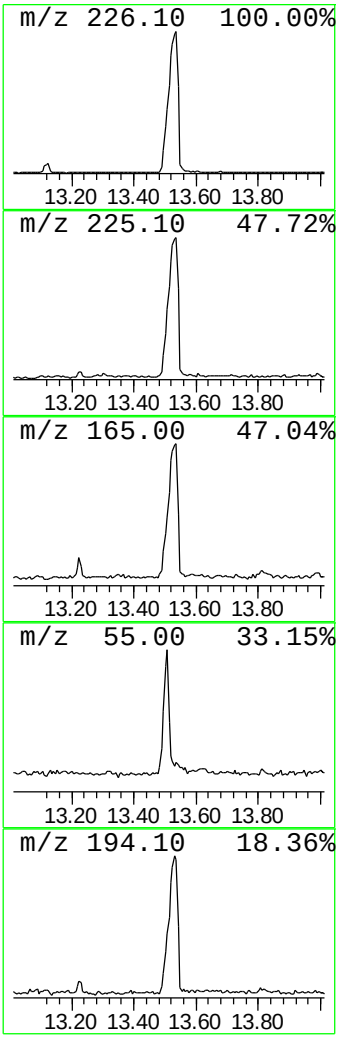
Peak Number 16 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	58.19 ng	6405700	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	50
2	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
3	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	43
4	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	41
5	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	38





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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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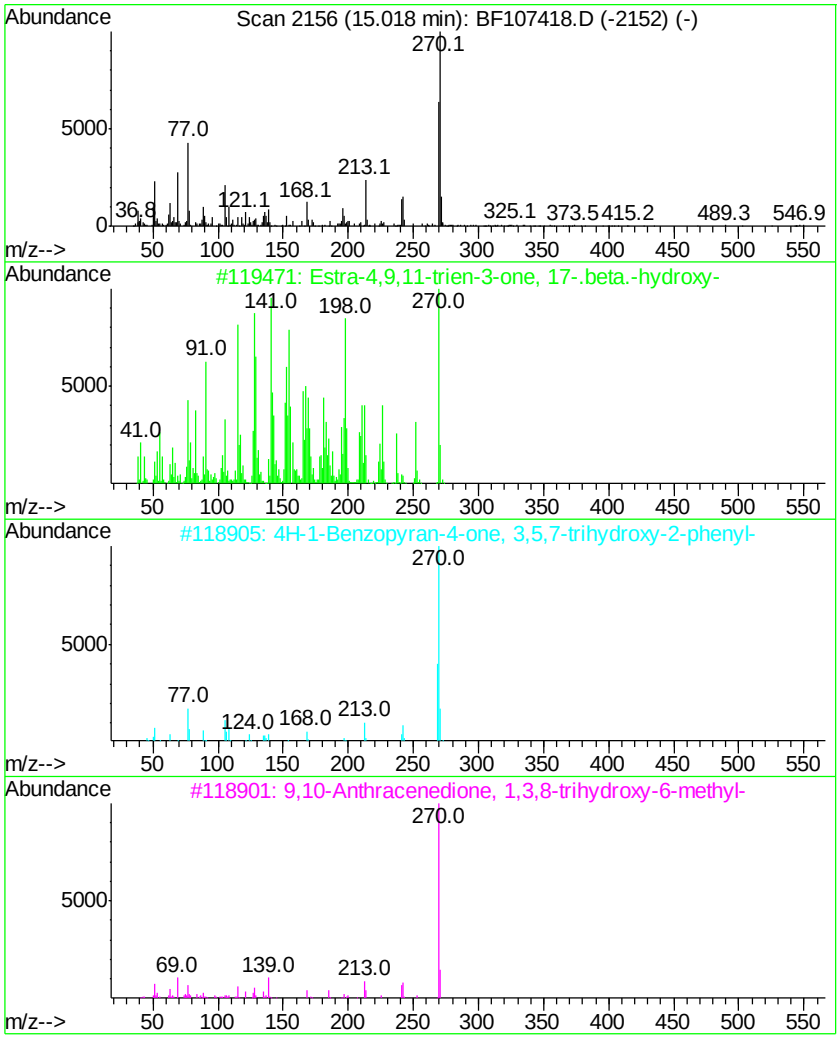
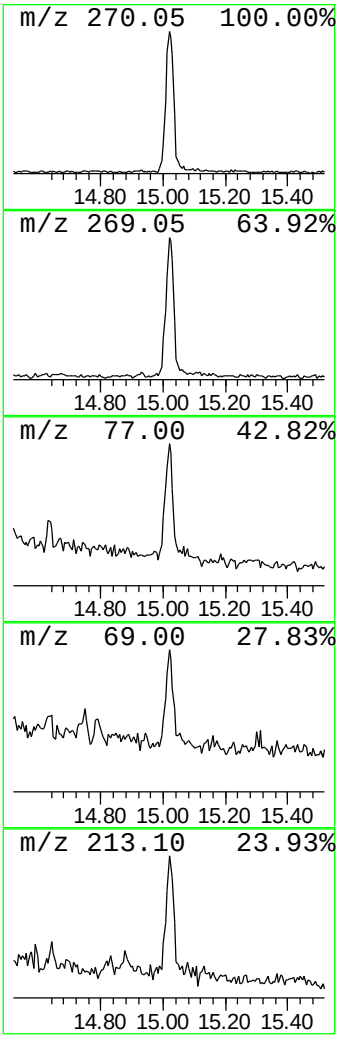
Peak Number 17 Estra-4,9,11-trien-3-one, 1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	46.11 ng	1955520	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	94
2	4H-1-Benzopyran-4-one, 3,5,7-tri...	270	C15H10O5	000548-83-4	70
3	9,10-Anthracenedione, 1,3,8-trih...	270	C15H10O5	000518-82-1	60
4	9-Benzylidenexanthene	270	C20H14O	027980-52-5	50
5	Acridine, 9-anilino-	270	C19H14N2	003340-22-5	47





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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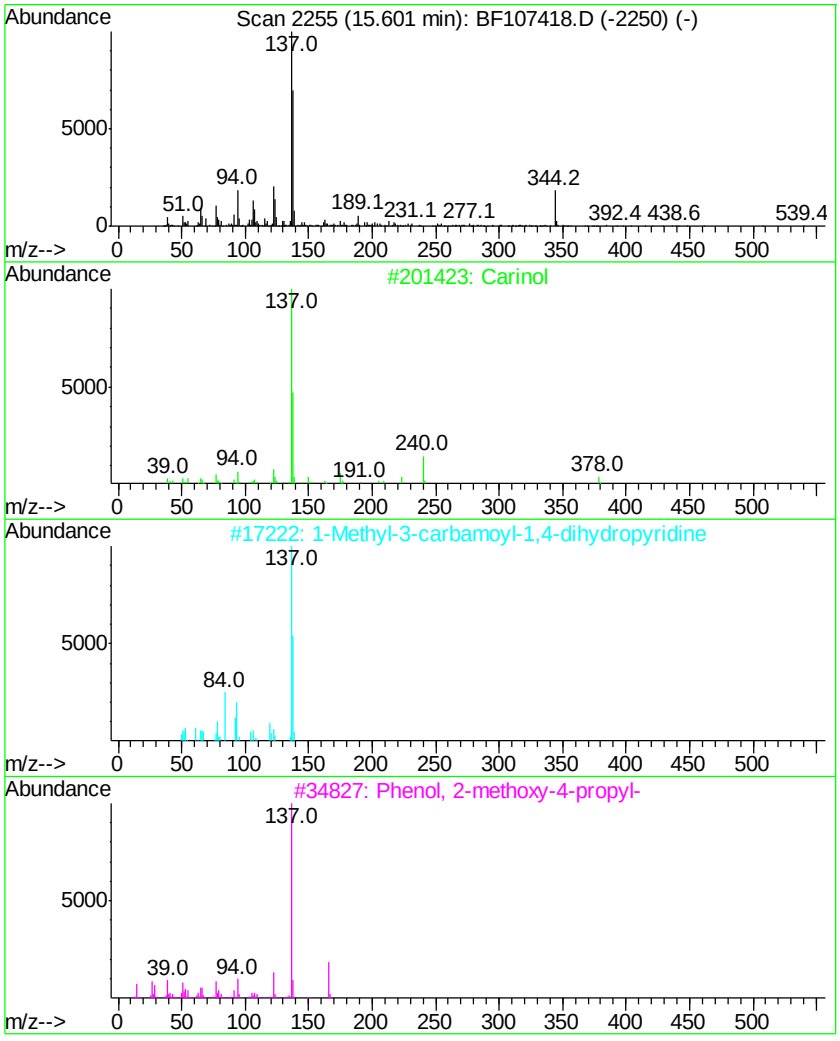
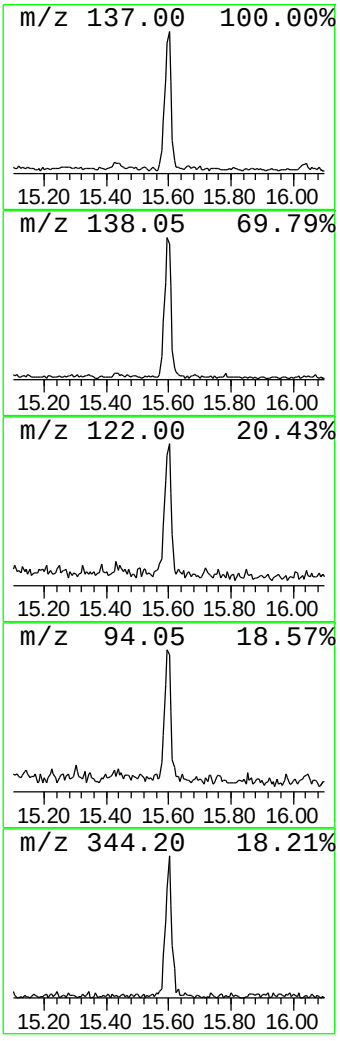
Peak Number 18 Carinol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	43.84 ng	1859310	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carinol	378	C20H26O7	058139-12-1	53
2	1-Methyl-3-carbamoyl-1,4-dihydro...	138	C7H10N2O	017750-23-1	53
3	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	47
4	Benzeneacetic acid, 4-hydroxy-3-...	196	C10H12O4	015964-80-4	43
5	2-Cyclohexen-1-one, 2-methyl-5-(...	179	C11H17NO	057397-12-3	43





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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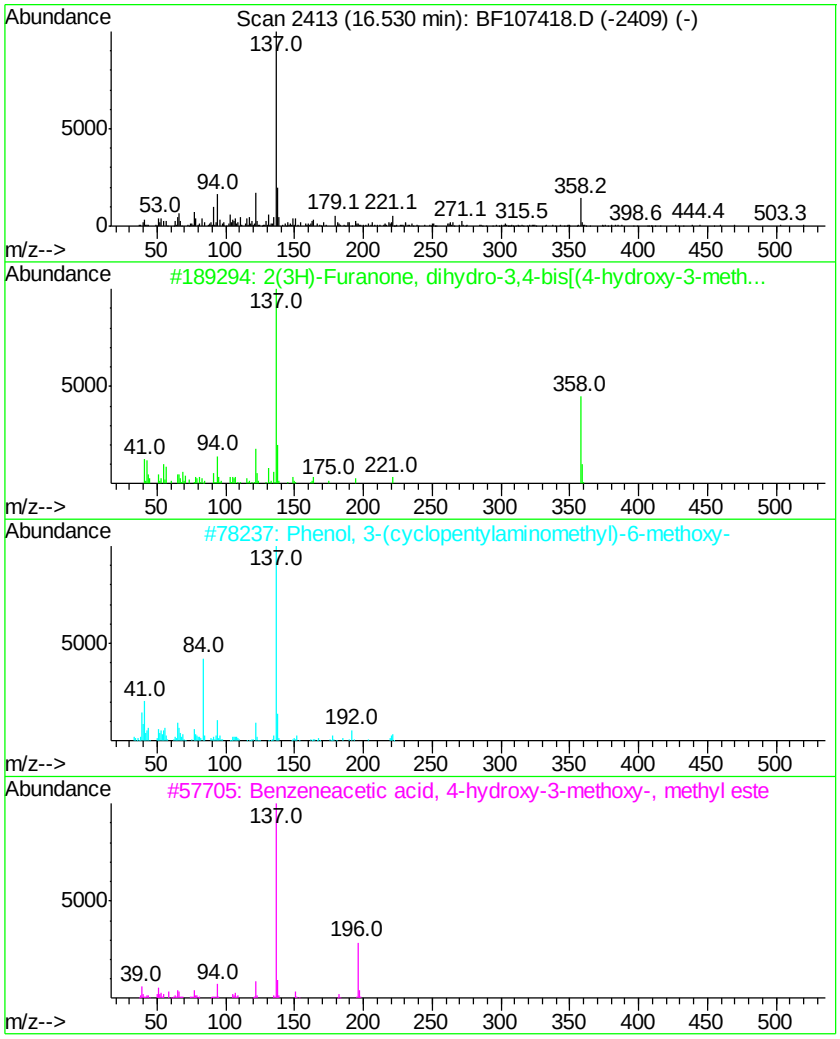
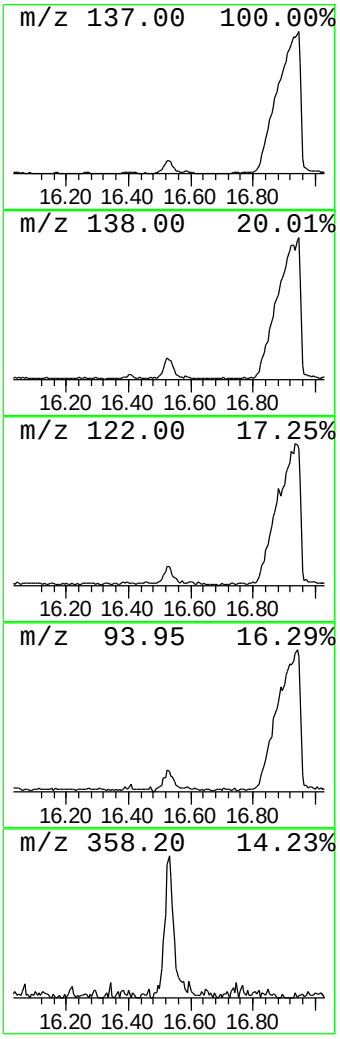
Peak Number 19 2(3H)-Furanone, dihydro-3,4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	25.12 ng	1065470	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3,4-bis[...	358	C20H22O6	000580-72-3	90
2	Phenol, 3-(cyclopentylaminomethy...	221	C13H19NO2	332382-83-9	72
3	Benzeneacetic acid, 4-hydroxy-3-...	196	C10H12O4	015964-80-4	70
4	Acetamide, 2-(4-hydroxy-3-methox...	181	C9H11NO3	029121-49-1	58
5	4-Amino-2,3-xylenol	137	C8H11NO	003096-69-3	53





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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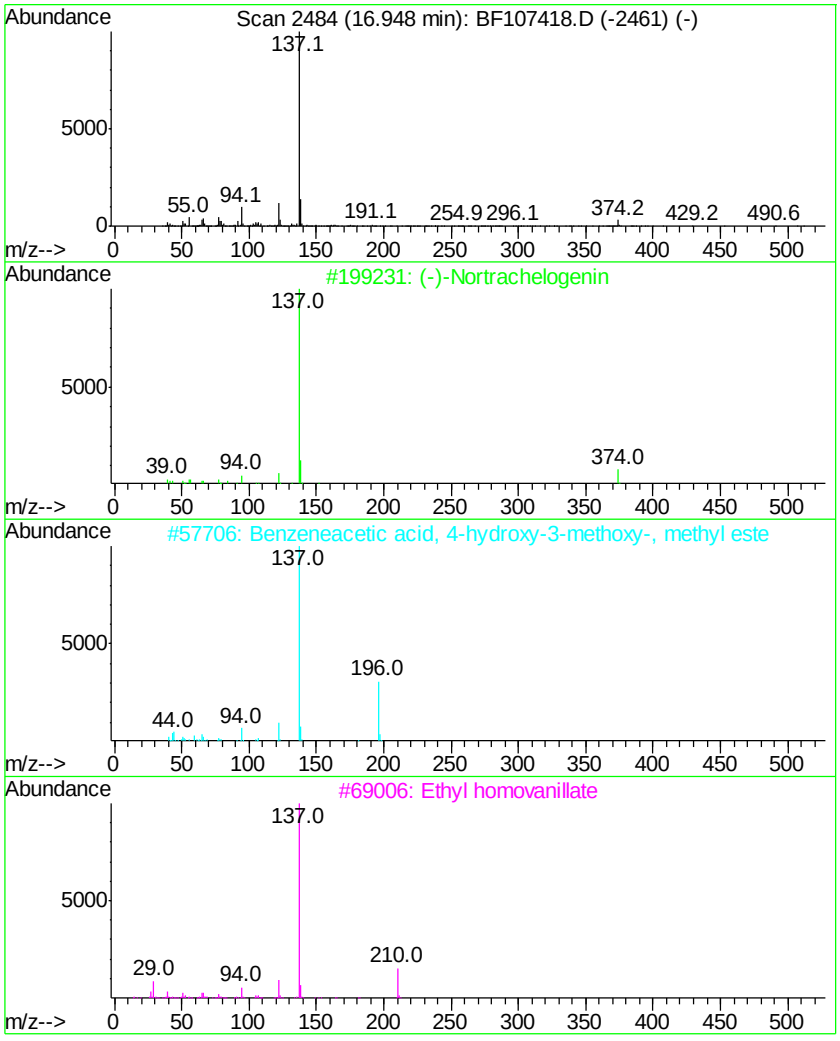
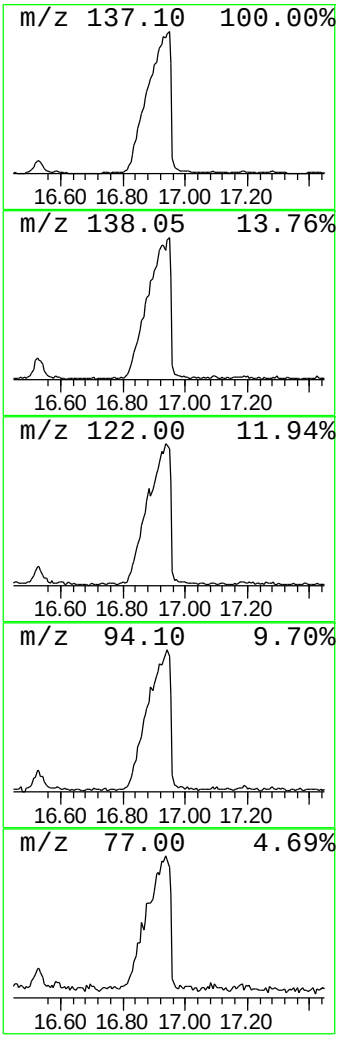
Peak Number 20 (-)-Nortrachelogenin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	526.17 ng	22315600	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Nortrachelogenin	374	C20H22O7	034444-37-6	91
2	Benzeneacetic acid, 4-hydroxy-3-...	196	C10H12O4	015964-80-4	78
3	Ethyl homovanillate	210	C11H14O4	060563-13-5	78
4	2-Propanone, 1-hydroxy-3-(4-hydr...	196	C10H12O4	004899-74-5	64
5	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	59





Tentatively Identified Compound (LSC) summary

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Data File : BF107418.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,5-Hexanedione	6.18	54.8	ng	6111590	1	6.98	2228720	20.0
Benzene, 1-ethyl-...	6.51	34.4	ng	3827440	1	6.98	2228720	20.0
unknown6.54	6.54	27.4	ng	3053880	1	6.98	2228720	20.0
Benzene, 1,2,4-tr...	6.81	77.0	ng	8575300	1	6.98	2228720	20.0
1-Hexanol, 2-ethyl-	7.07	38.5	ng	4295260	1	6.98	2228720	20.0
unknown7.25	7.25	67.0	ng	7468970	1	6.98	2228720	20.0
unknown7.49	7.49	23.0	ng	2560450	1	6.98	2228720	20.0
1H-Indene, 1-methyl-	8.02	45.5	ng	11391000	2	8.28	5001660	20.0
1H-Inden-1-one, 2...	10.52	22.2	ng	2066220	3	10.05	1861150	20.0
unknown12.64	12.64	23.7	ng	1170290	4	11.54	987445	20.0
1,2-Benzenedicarb...	12.75	54.3	ng	2680650	4	11.54	987445	20.0
Acridin-9-amine, ...	13.51	58.2	ng	6405700	5	14.18	2201690	20.0
Estra-4,9,11-trie...	15.02	46.1	ng	1955520	6	15.72	848228	20.0
Carinol	15.60	43.8	ng	1859310	6	15.72	848228	20.0
2(3H)-Furanone, d...	16.53	25.1	ng	1065470	6	15.72	848228	20.0
(-)-Nortrachelogenin	16.95	526.2	ng	22315600	6	15.72	848228	20.0