LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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-BF090115.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	1.235	10	13	15	rBV	3602088	4089480	100.00%	6.733%
2	1.441	29	31	37	rBV	111523	298470	7.30%	0.491%
3	1.521	37	38	79	rVB	1033689	3922558	95.92%	6.458%
4	4.424	290	292	305	rBV	96635	246676	6.03%	0.406%
5	4.881	329	332	337	rBV	137970	276076	6.75%	0.455%
6	5.121	348	353	361	rBV	363028	749691	18.33%	1.234%
7	5.316	367	370	390	rBV	303993	686055	16.78%	1.130%
8	6.985	513	516	519	rBV	49692	81588	2.00%	0.134%
9	7.145	526	530	533	rVB	259879	437155	10.69%	0.720%
10	7.316	541	545	550	rBV	170687	265556	6.49%	0.437%
11	7.476	556	559	566	rBB	134819	221529	5.42%	0.365%
12	7.590	567	569	574	rBV	177494	409156	10.01%	0.674%
13	7.682	574	577	584	rVV	765336	1377086	33.67%	2.267%
14	7.807	584	588	591	rVV	711558	1132267	27.69%	1.864%
15	8.162	616	619	622	rBV	168868	297710	7.28%	0.490%
16	8.219	622	624	628	rVV	83047	149964	3.67%	0.247%
17	8.310	628	632	635	rVB	379234	681499	16.66%	1.122%
18	8.493	644	648	651	rBV2	1208667	2637930	64.51%	4.343%
19	8.550	651	653	658	rVB	184963	321703	7.87%	0.530%
20	8.859	677	680	684	rVB	55084	84046	2.06%	0.138%
21	8.973	684	690	694	rBV3	80148	200386	4.90%	0.330%
22	9.293	714	718	720	rBV	61269	110068	2.69%	0.181%
23	9.339	720	722	724	rVV	69940	107322	2.62%	0.177%
24	9.476	728	734	736	rVV2	608373	1395006	34.11%	2.297%
25	9.762	752	759	763	rVB3	50799	114167	2.79%	0.188%
26	9.979	775	778	780	rBV	55523	84454	2.07%	0.139%
27	10.036	780	783	786	rVV	89923	139937	3.42%	0.230%
28	10.368	807	812	816	rBV	57259	134364	3.29%	0.221%
29	10.505	820	824	826	rBV	139738	307427	7.52%	0.506%
30	10.539	826	827	834	rVB	121702	185642	4.54%	0.306%
31	10.711	840	842	845	rVV	99882	173838	4.25%	0.286%
32	11.065	869	873	875	rBV	239193	400120	9.78%	0.659%
33	11.111	875	877	881	rVB2	160142	275869	6.75%	0.454%
34	11.248	886	889	894	rVB	43131	90190	2.21%	0.148%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.568	913	917	920	rVV2	34129	79850	1.95%	0.131%
36	12.299	978	981	985	rVV	70657	143148	3.50%	0.236%
37	12.379	985	988	993	rVV3	40825	115142	2.82%	0.190%
38	12.539	994	1002	1004	rVV	220671	486727	11.90%	0.801%
39	12.585	1004	1006	1008	rVV	227108	493296	12.06%	0.812%
40	12.619	1008	1009	1011	rVV	219084	304852	7.45%	0.502%
41	12.665	1011	1013	1018	rVV	216677	401862	9.83%	0.662%
42	12.768	1018	1022	1024	rVV	297211	574325	14.04%	0.946%
43	12.825	1024	1027	1029	rVV2	349542	848758	20.75%	1.397%
44	12.871	1029	1031	1037	rVV2	301159	749157	18.32%	1.233%
45	12.985	1037	1041	1044	rVV	204064	425863	10.41%	0.701%
46	13.099	1046	1051	1058	rVV	205792	517489	12.65%	0.852%
47	13.717	1098	1105	1108	rBV	1063195	2018139	49.35%	3.323%
48	14.071	1130	1136	1143	rBV2	157150	411536	10.06%	0.678%
49	14.277	1150	1154	1163	rVB3	39059	164104	4.01%	0.270%
50	14.437	1164	1168	1171	rBV	68958	138123	3.38%	0.227%
51	14.494	1171	1173	1176	rVV	52967	93179	2.28%	0.153%
52	14.768	1194	1197	1205	rVB	63929	159240	3.89%	0.262%
53	15.077	1222	1224	1227	rVV	108534	179814	4.40%	0.296%
54	15.191	1230	1234	1239	rVB2	225632	416752	10.19%	0.686%
55	15.351	1245	1248	1250	rVB	52698	78925	1.93%	0.130%
56	16.883	1377	1382	1389	rVB2	25183	80356	1.96%	0.132%
57	17.100	1396	1401	1404	rBV	666523	1219232	29.81%	2.007%
58	17.271	1413	1416	1423	rVB2	132523	345867	8.46%	0.569%
59	17.443	1428	1431	1438	rBV4	25068	80287	1.96%	0.132%
60	17.660	1446	1450	1455	rBV	184439	396890	9.71%	0.653%
61	17.774	1455	1460	1465	rVV	814873	1805336	44.15%	2.972%
62	17.877	1465	1469	1471	rVV	788844	1870668	45.74%	3.080%
63	17.911	1471	1472	1475	rVV	503297	830056	20.30%	1.367%
64	17.980	1475	1478	1483	rVB2	631944	1421074	34.75%	2.340%
65	18.083	1483	1487	1493	rBV	427087	938250	22.94%	1.545%
66	18.186	1493	1496	1501	rVB2	395535	942589	23.05%	1.552%
67	18.300	1501	1506	1510	rBV	957128	1840095	45.00%	3.030%
68	18.380	1510	1513	1515	rBV	375134	604451	14.78%	0.995%
69	18.700	1538	1541	1549	rVB	237101	473975	11.59%	0.780%
70	19.191	1580	1584	1591	rVB	298609	561764	13.74%	0.925%
71	19.969	1648	1652	1655	rBV	61403	121904	2.98%	0.201%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.300	1676	1681	1684	rBV	228150	513547	12.56%	0.846%
73	20.403	1686	1690	1693	rVV	426205	922923	22.57%	1.520%
74	20.506	1693	1699	1704	rVV2	736843	2239757	54.77%	3.688%
75	20.597	1704	1707	1712	rVV2	559273	1133953	27.73%	1.867%
76	20.746	1712	1720	1723	rVV4	499788	2362648	57.77%	3.890%
77	20.803	1723	1725	1728	rVV	331255	632984	15.48%	1.042%
78	20.872	1728	1731	1733	rVV	629421	1162511	28.43%	1.914%
79	20.940	1734	1737	1742	rVB	454657	860790	21.05%	1.417%
80	21.157	1754	1756	1763	rVB	94842	177124	4.33%	0.292%
81	21.340	1766	1772	1775	rBV	46562	108438	2.65%	0.179%
82	21.512	1784	1787	1789	rBV2	65735	129978	3.18%	0.214%
83	21.569	1789	1792	1795	rVV	54929	140542	3.44%	0.231%
84	21.626	1795	1797	1800	rVV	84431	168627	4.12%	0.278%
85	21.683	1800	1802	1807	rVV2	181421	356281	8.71%	0.587%
86	21.752	1807	1808	1810	rVV	45014	90327	2.21%	0.149%
87	21.786	1810	1811	1814	rVV	95779	111775	2.73%	0.184%
88	21.866	1816	1818	1823	rBV2	53000	108857	2.66%	0.179%
89	22.072	1832	1836	1839	rBV	1213745	1895831	46.36%	3.121%
90	22.220	1846	1849	1851	rBV	78974	94239	2.30%	0.155%
91	22.289	1851	1855	1856	rBV	161108	224821	5.50%	0.370%
92	22.323	1856	1858	1861	rVV2	218925	539597	13.19%	0.888%
93	22.369	1861	1862	1867	rVV2	184208	434662	10.63%	0.716%
94	22.472	1867	1871	1872	rVV3	198302	487351	11.92%	0.802%
95	22.540	1875	1877	1880	rVV2	220100	349606	8.55%	0.576%
96	22.586	1880	1881	1883	rVV	99128	115844	2.83%	0.191%
97	23.340	1946	1947	1950	rVB	244604	328463	8.03%	0.541%
98	23.569	1965	1967	1968	rBV	143437	153746	3.76%	0.253%
99	23.603	1968	1970	1973	rVV2	128044	245553	6.00%	0.404%
100	24.781	2071	2073	2076	rBV	215881	227696	5.57%	0.375%

Sum of corrected areas: 60736531

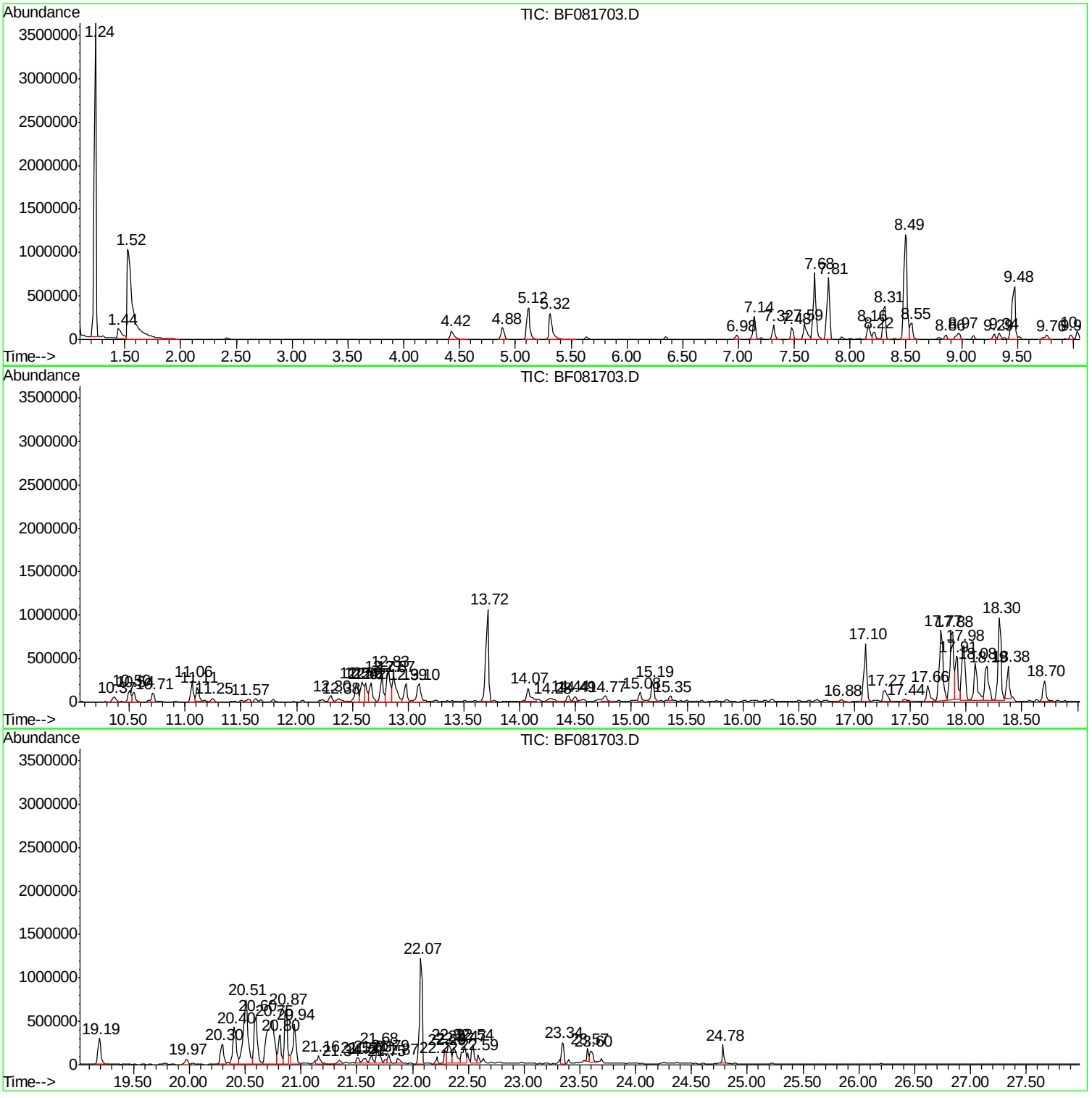
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

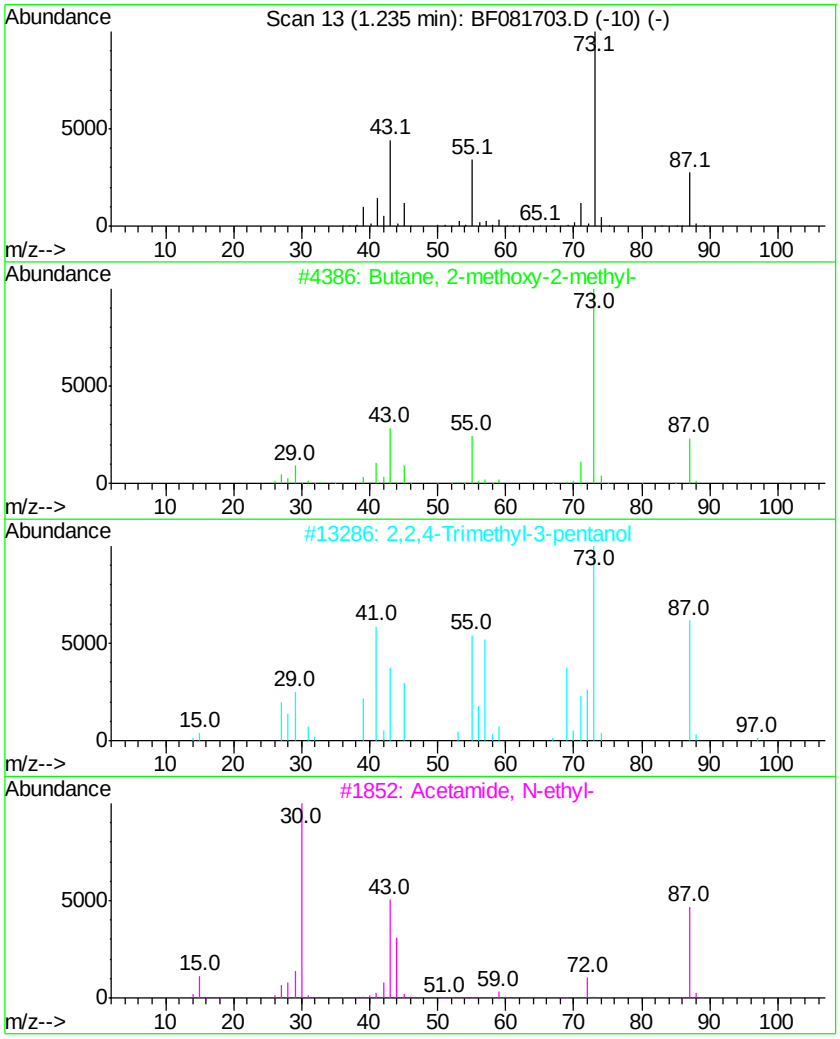
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

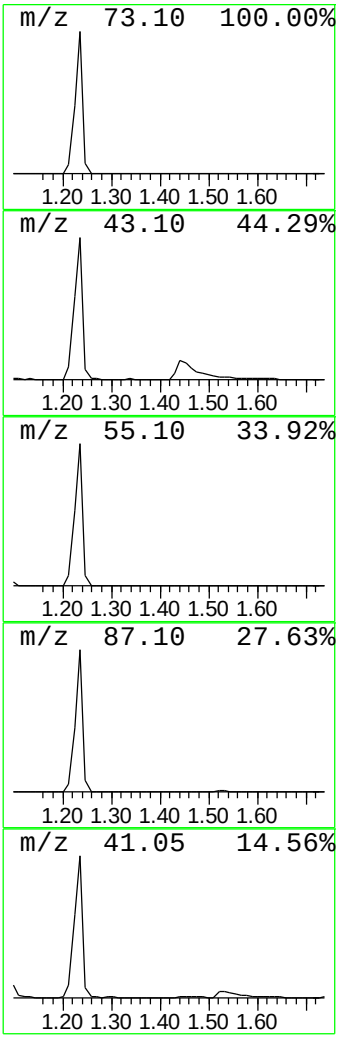
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	274.73 ng	4089480	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

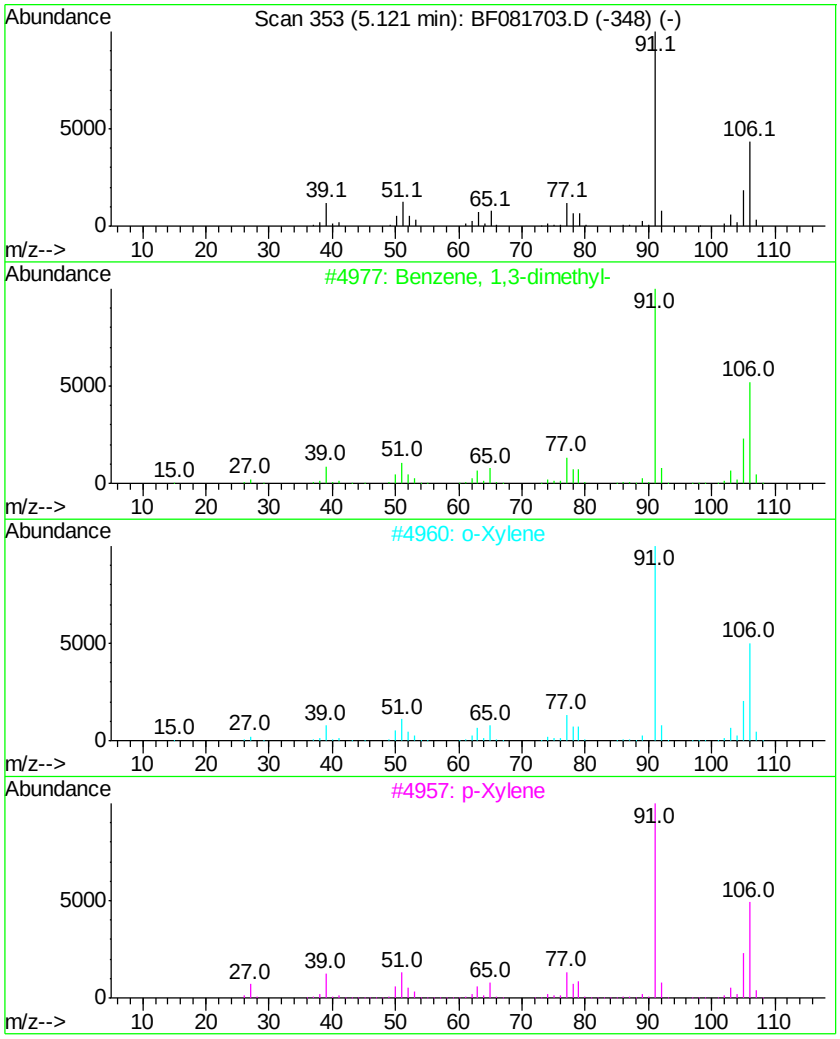
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

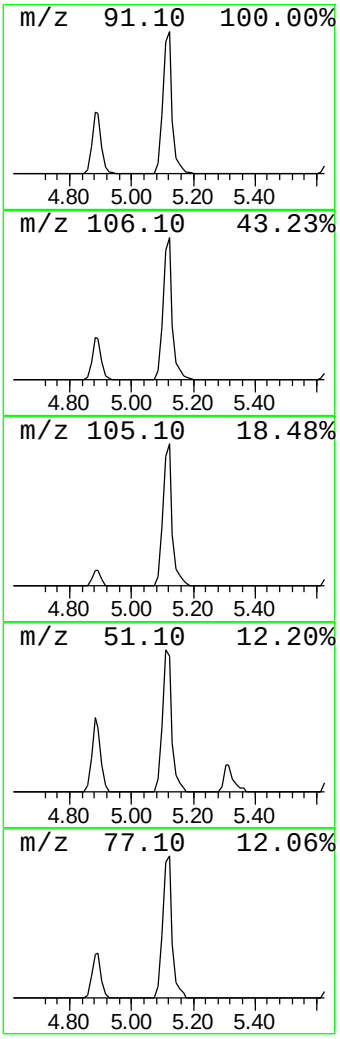
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	50.36 ng	749691	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

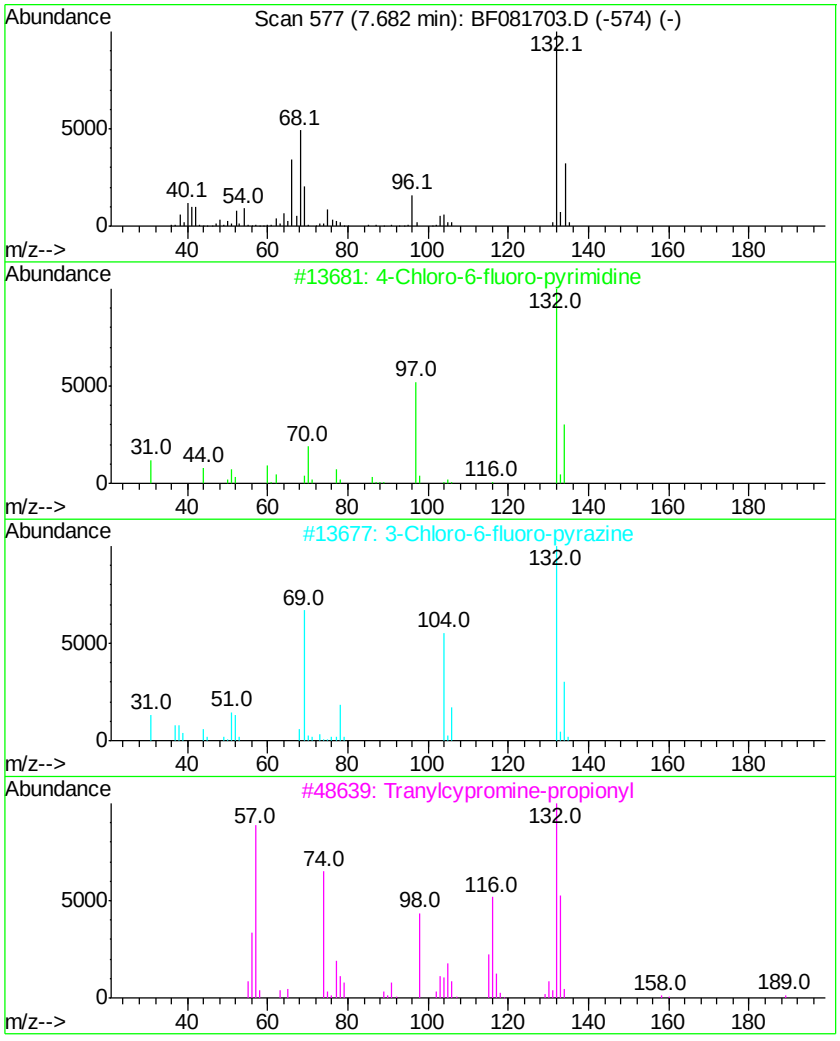
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

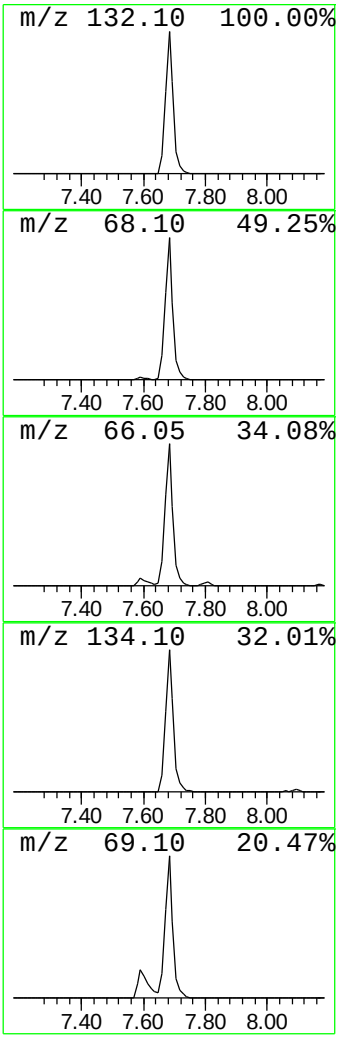
****

Peak Number 4 unknown7.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	92.51 ng	1377090	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

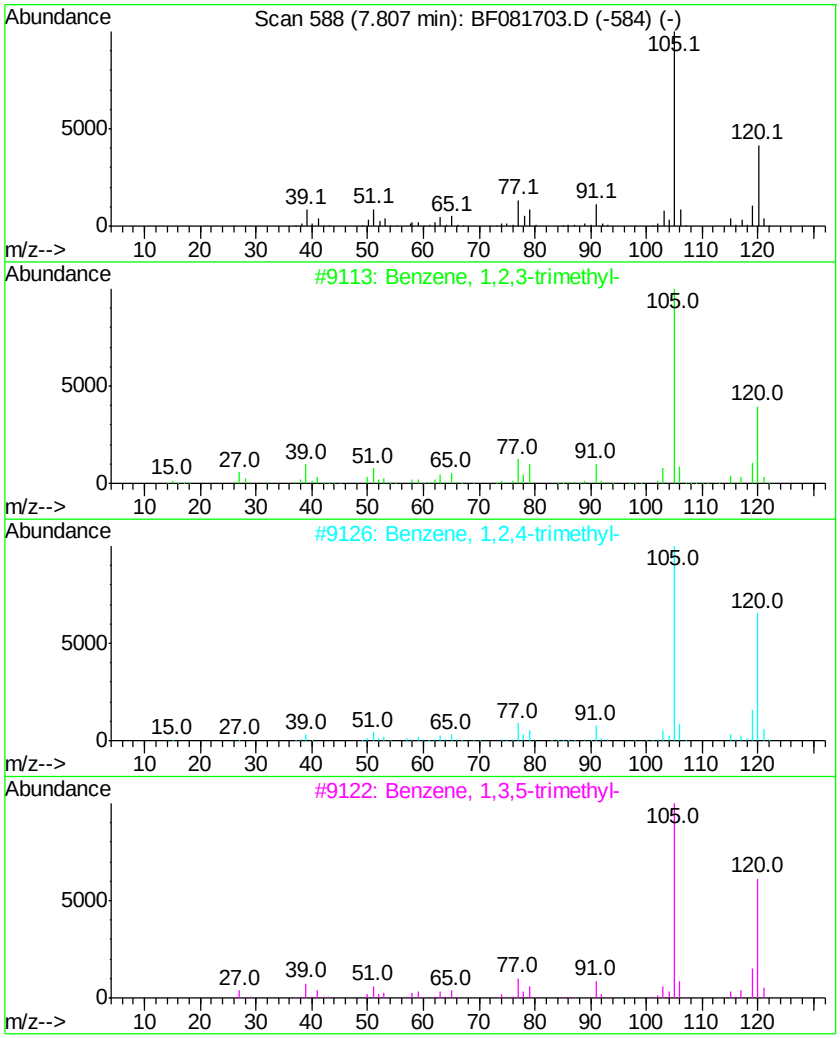
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

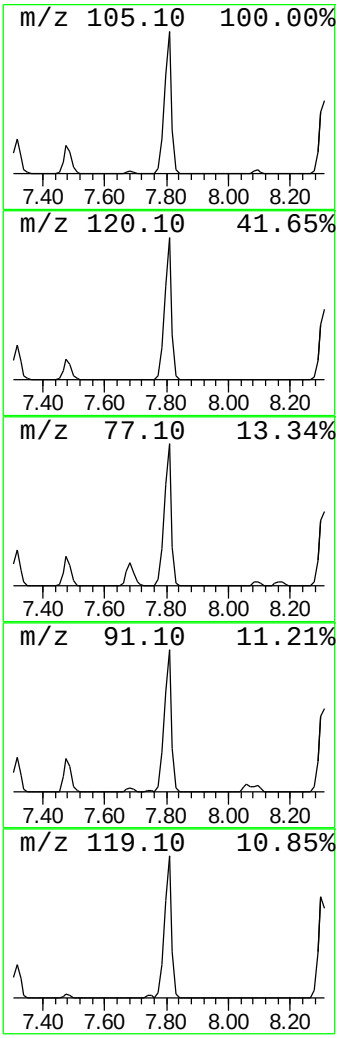
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	76.07 ng	1132270	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
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-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

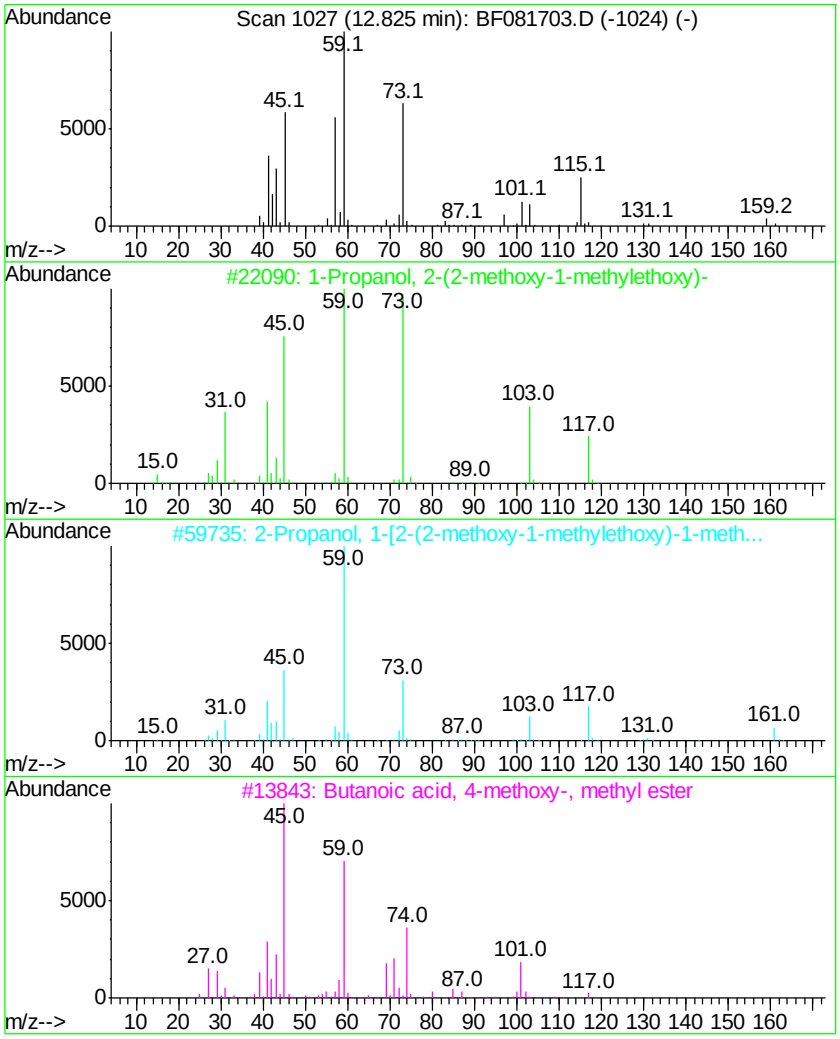
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

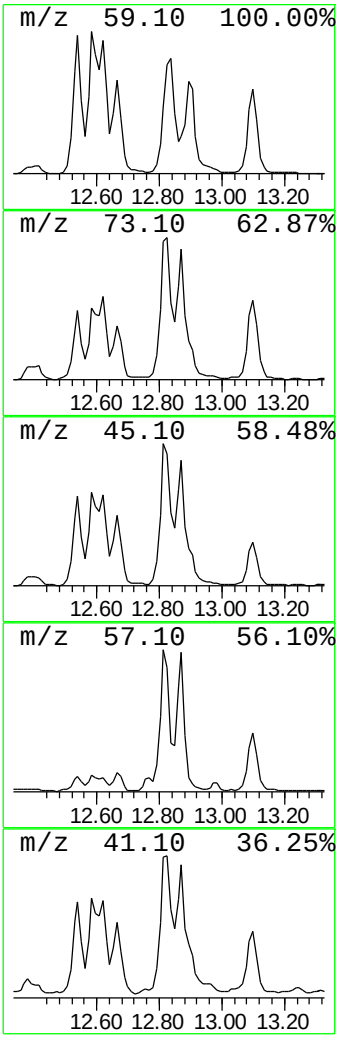
****

Peak Number 8 1-Propanol, 2-(2-methoxy-1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	42.43 ng	848758	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	59
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	42
3	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	32
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	32
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	32





Library Search Compound Report

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Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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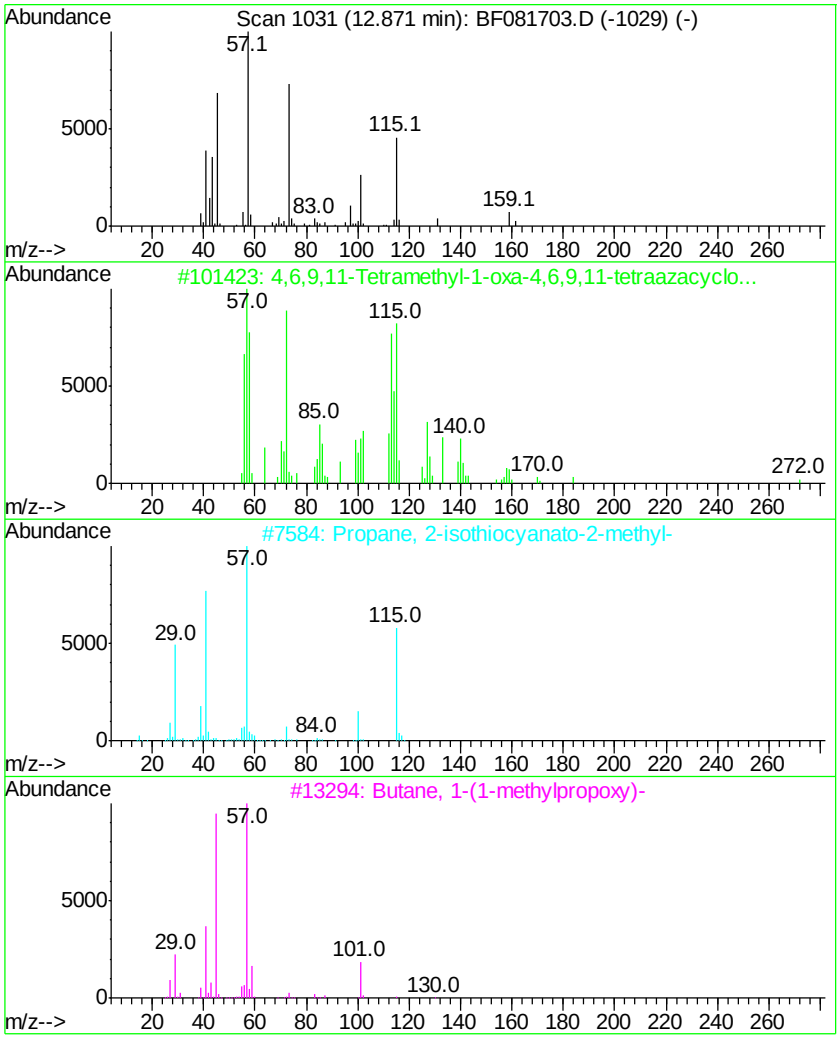
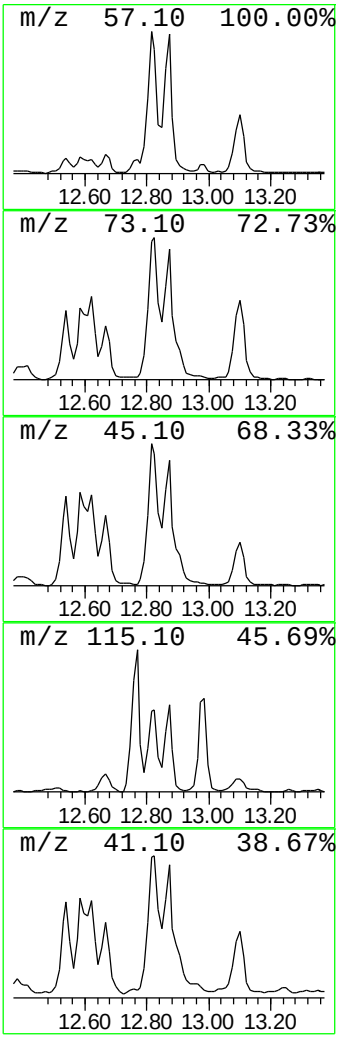
Peak Number 9 unknown12.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	37.45 ng	749157	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,9,11-Tetramethyl-1-oxa-4,6,9...	272	C12H24N4O3	1000139-36-0	43
2	Propane, 2-isothiocyanato-2-methyl-	115	C5H9NS	000590-42-1	22
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	17
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	12
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	12





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Sample : G3704-07
Misc :
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ClientSampleId : MW-8-9-15-15

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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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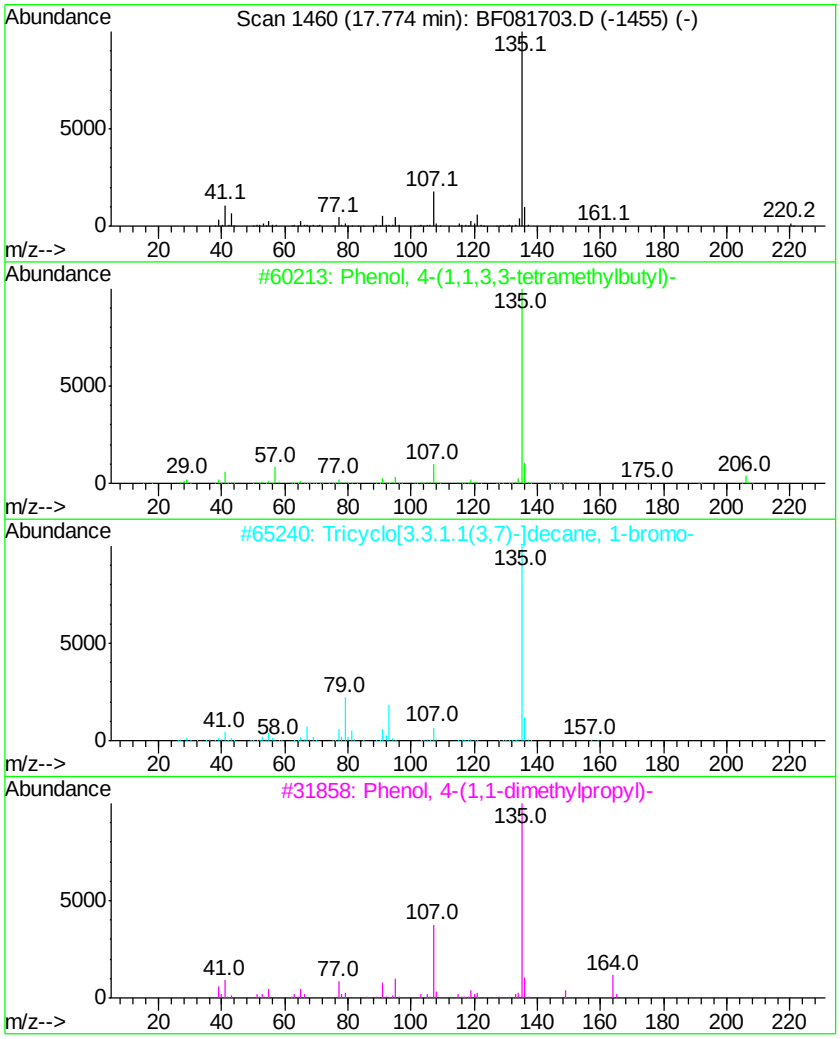
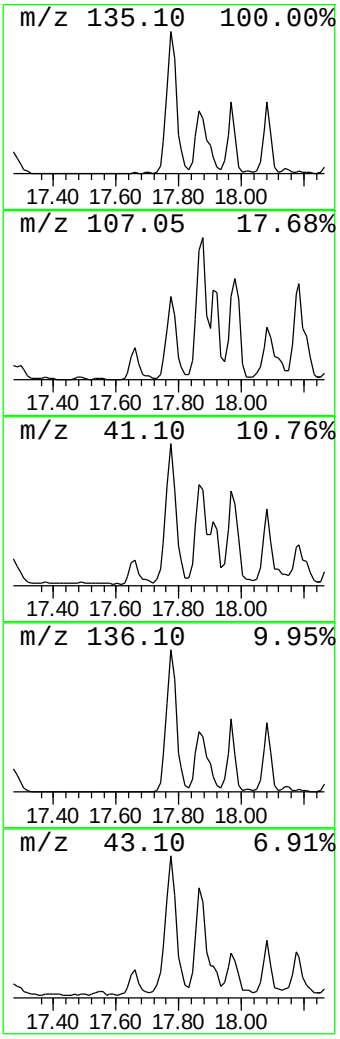
Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	76.18 ng	1805340	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	59
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Adamantane-1-carboxamide, N-(4-m...	261	C14H19N3O2	332042-32-7	45





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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

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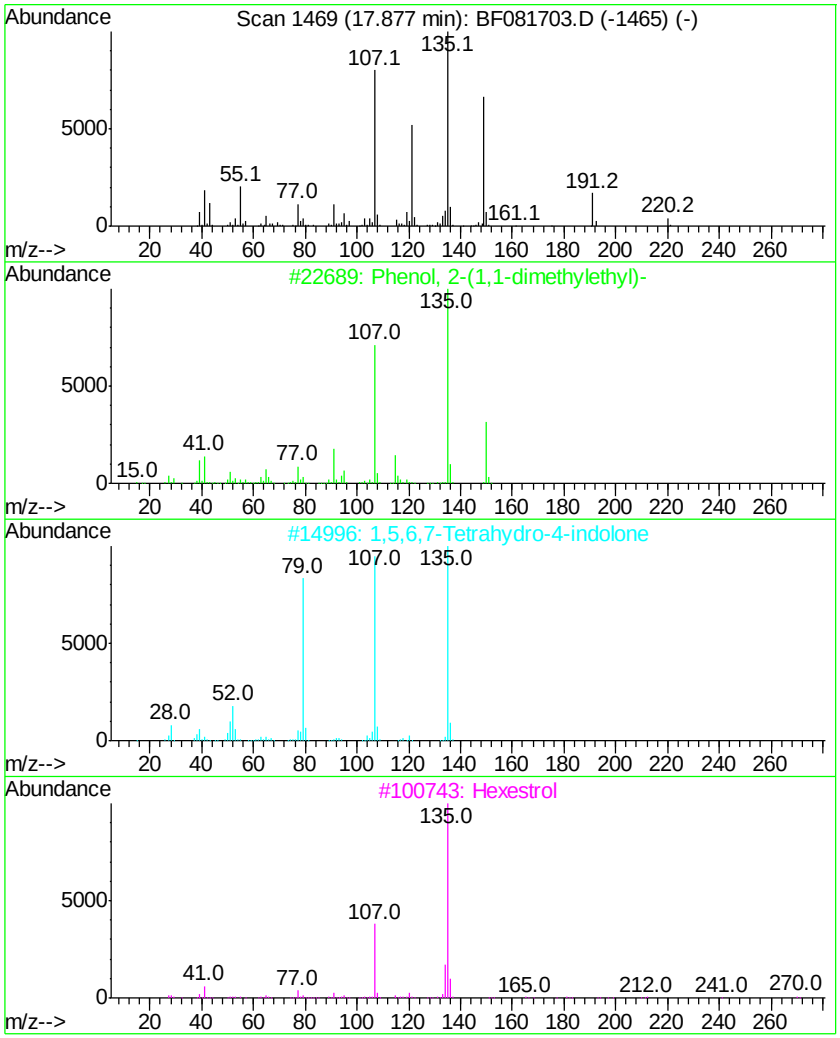
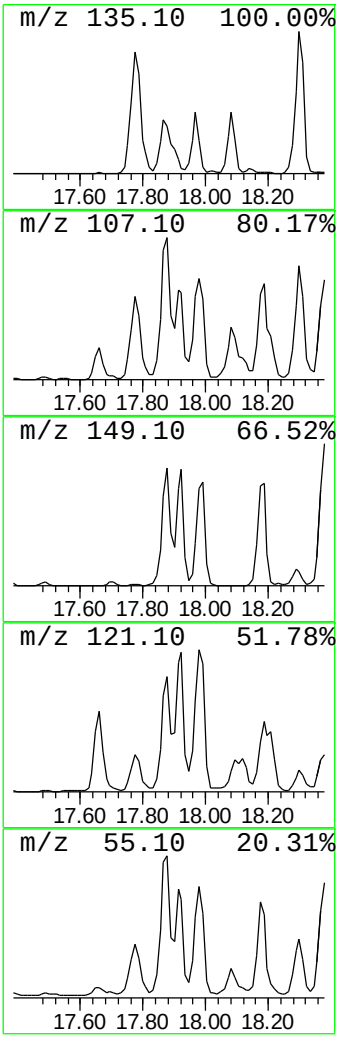
Peak Number 11 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	78.94 ng	1870670	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	62
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	53
3	Hexestrol	270	C18H22O2	005635-50-7	50
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	38
5	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	38





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Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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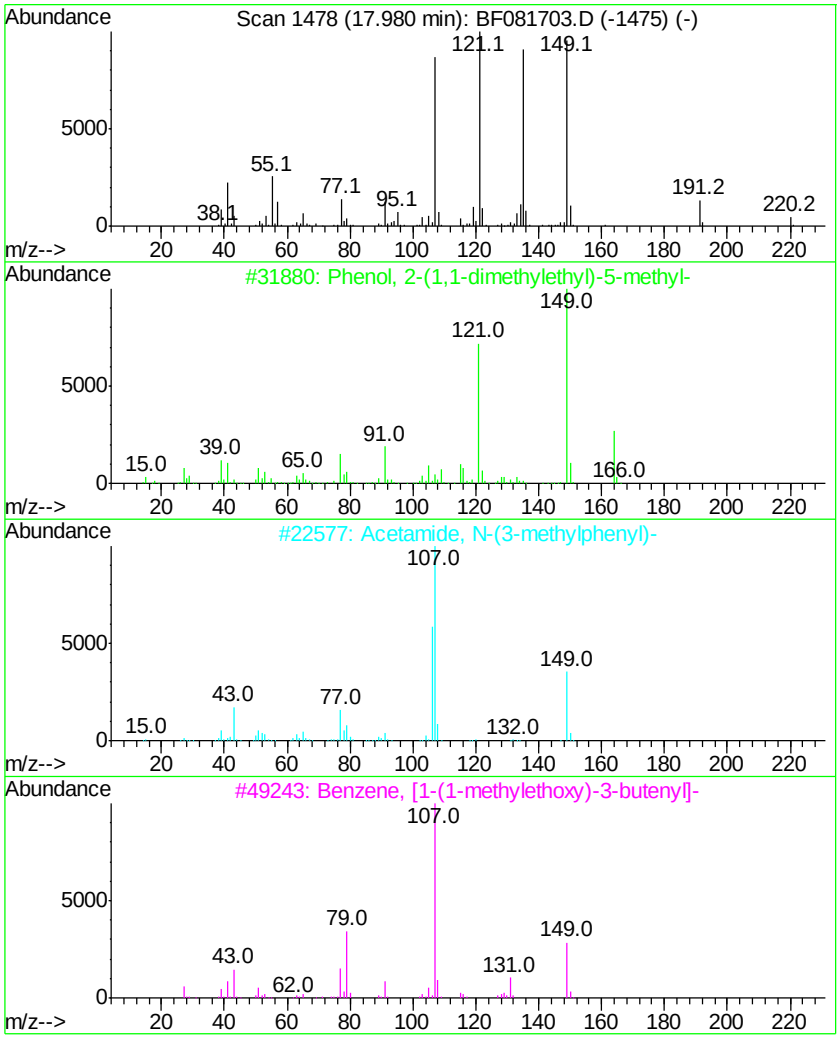
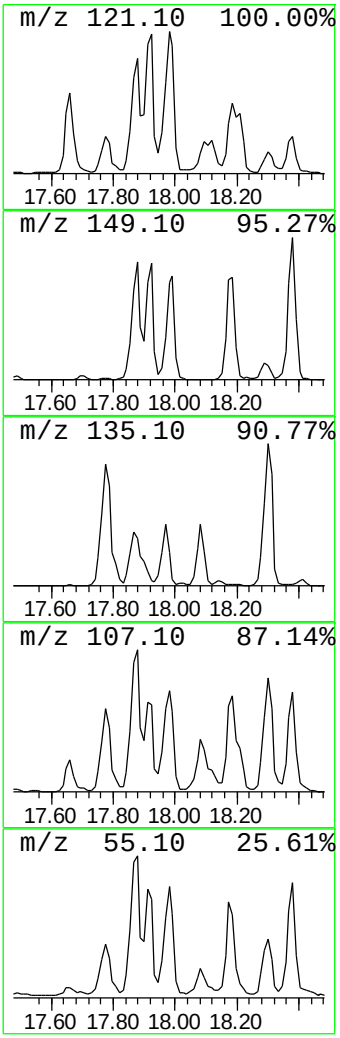
Peak Number 12 unknown17.98 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	59.96 ng	1421070	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	38
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
3	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	35
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	35
5	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	18





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Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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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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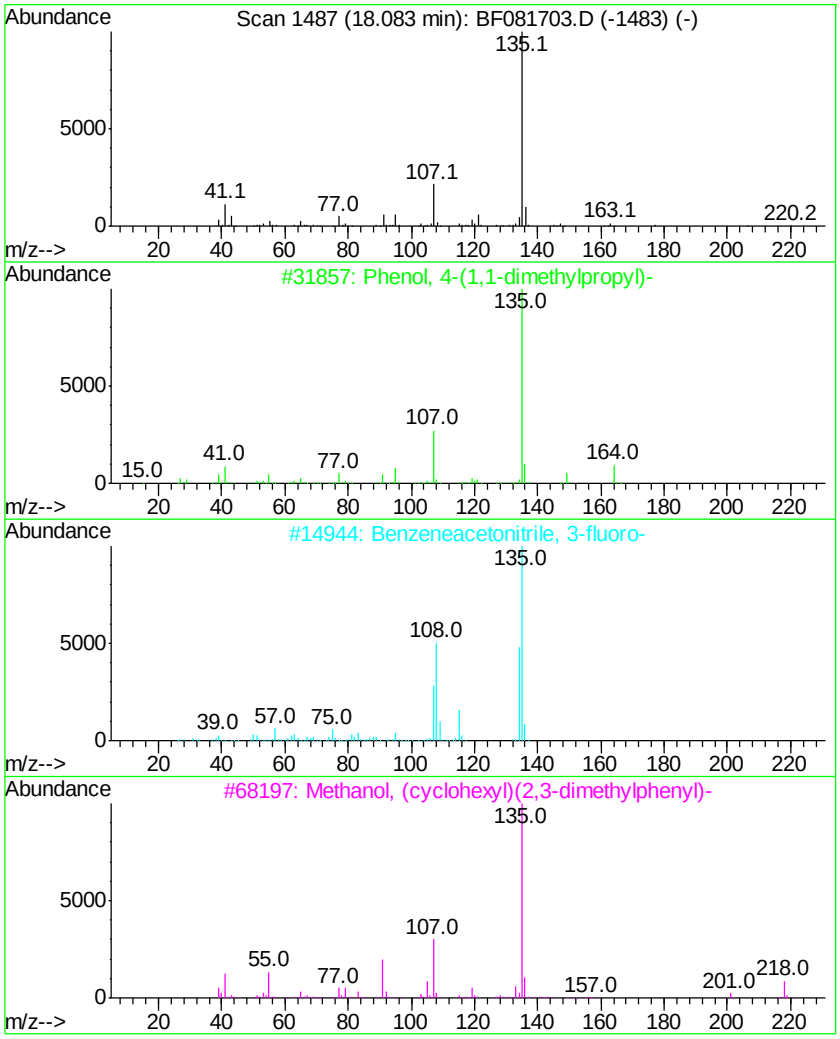
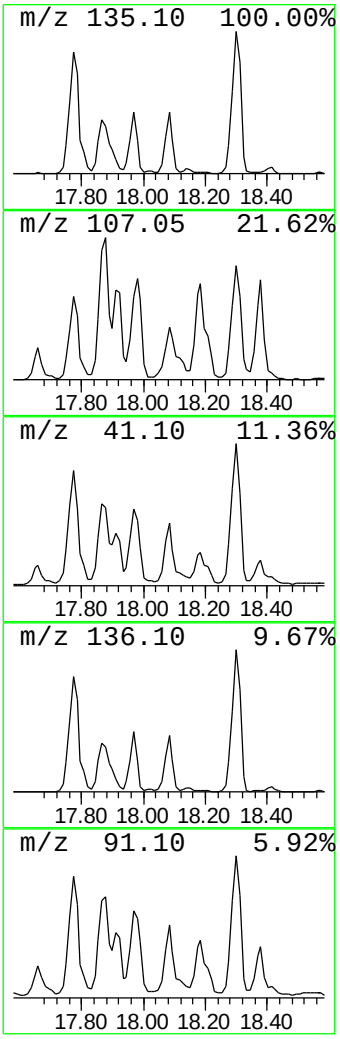
Peak Number 13 Phenol, 4-(1,1-dimethylprop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	39.59 ng	938250	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72
3	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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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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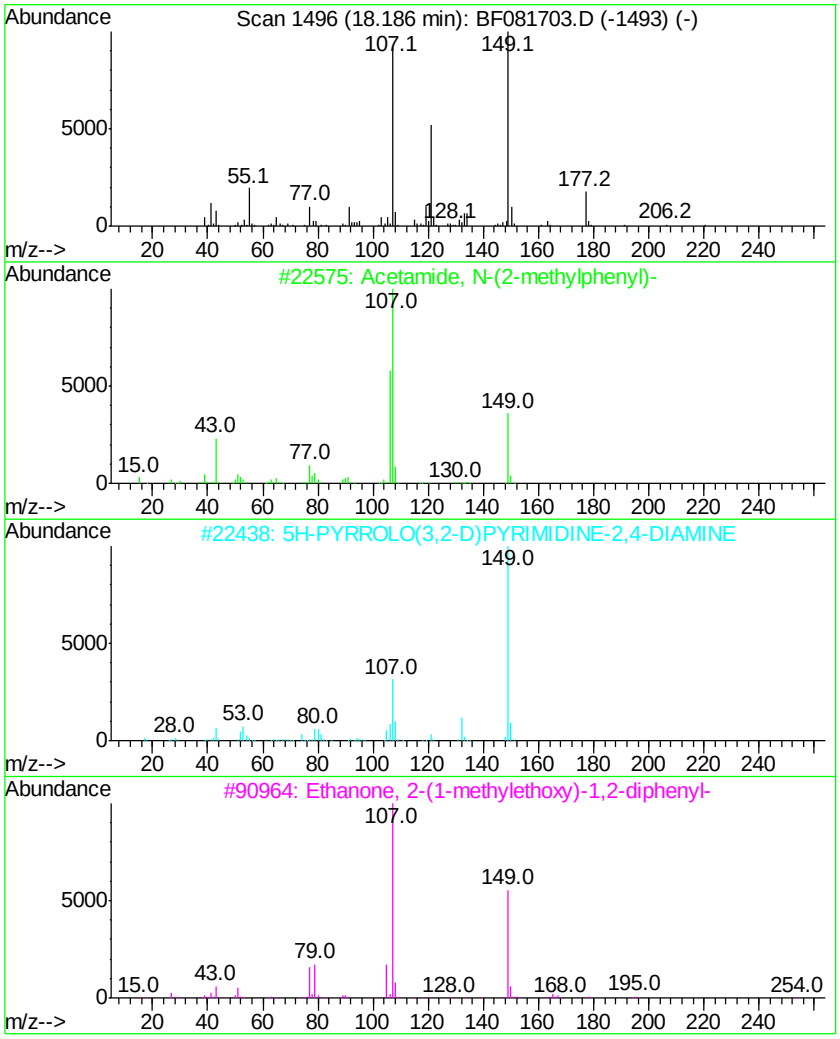
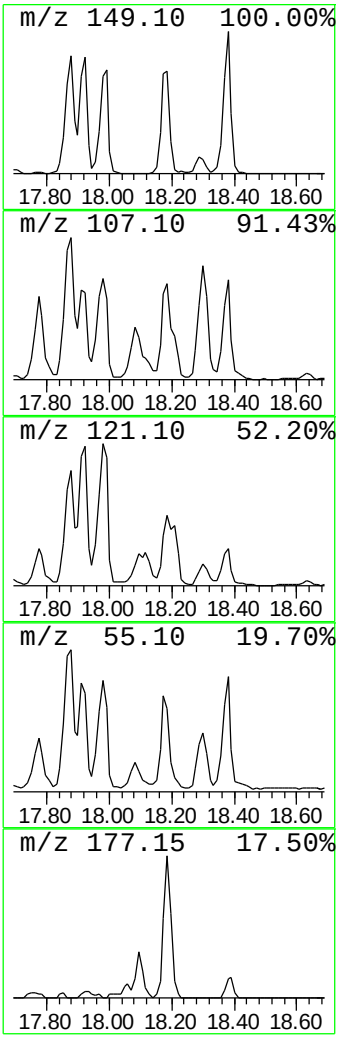
Peak Number 14 Acetamide, N-(2-methylphenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	39.77 ng	942589	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	64
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	64
3	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	50
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
5	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	40





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Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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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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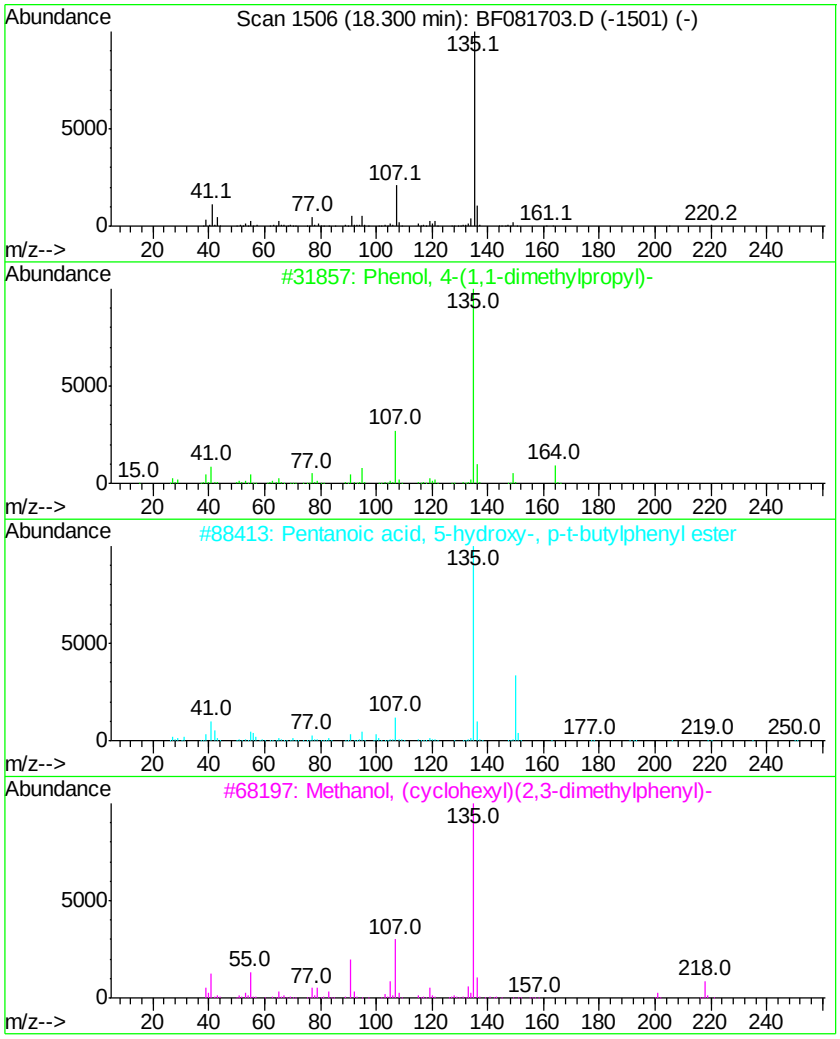
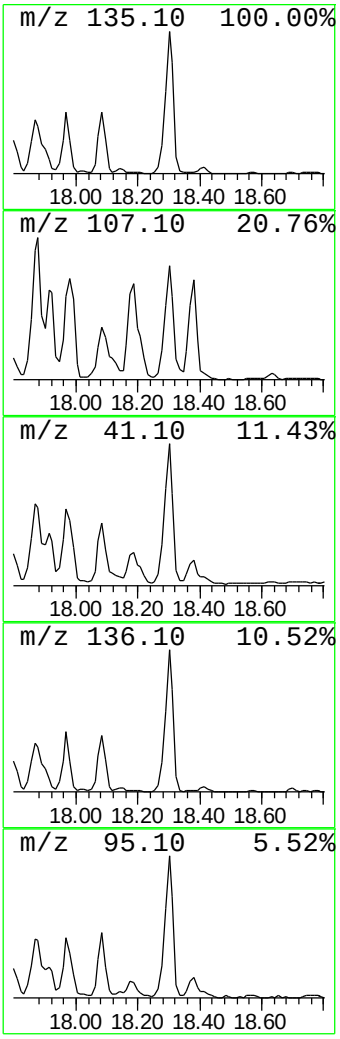
Peak Number 15 Pentanoic acid, 5-hydroxy-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	77.65 ng	1840100	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
3	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
4	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72





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Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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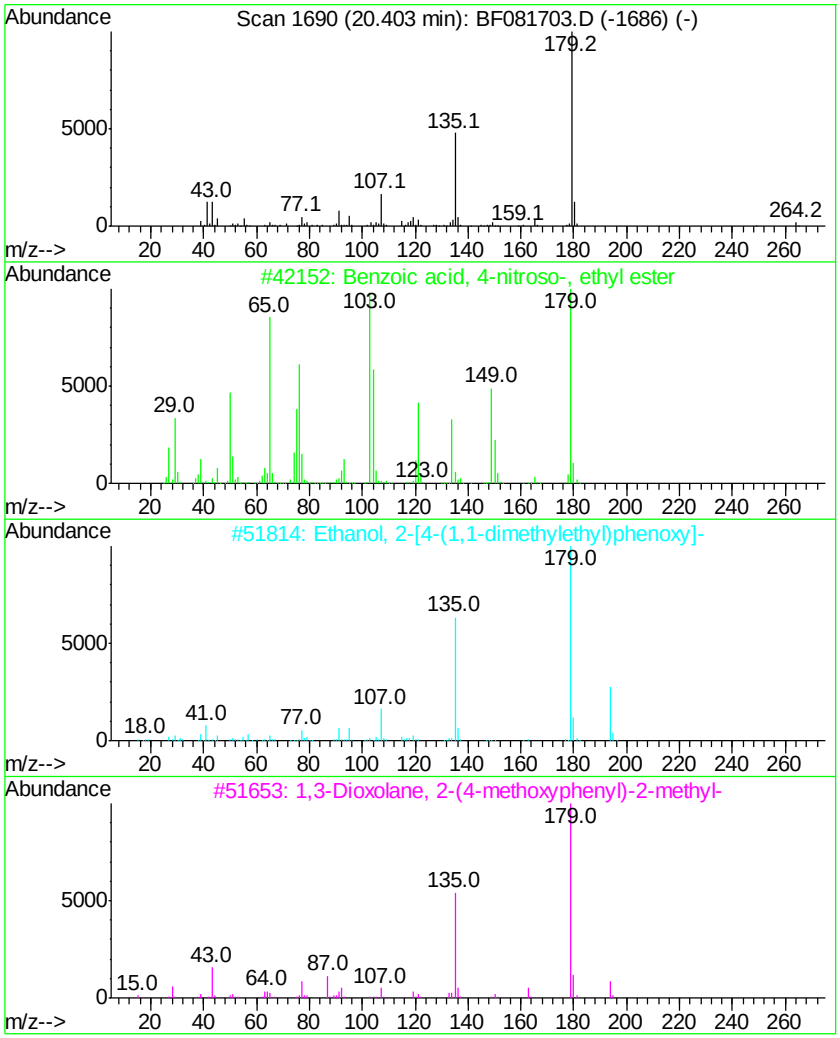
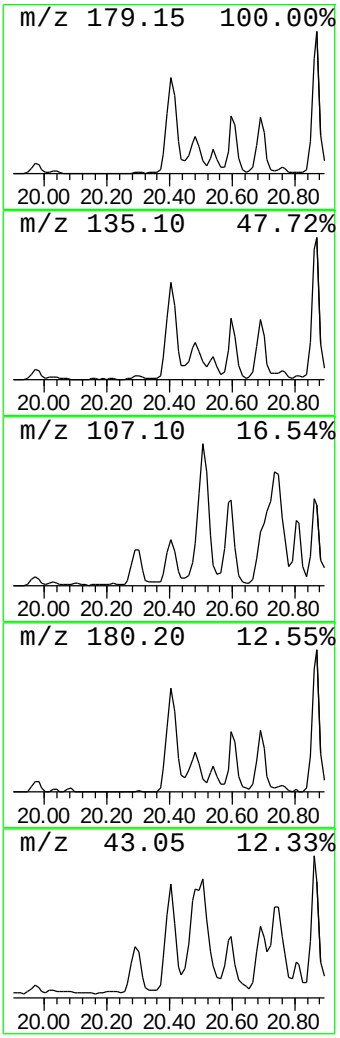
Peak Number 16 Benzoic acid, 4-nitroso-, e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	38.94 ng	922923	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	90
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	86
3	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	56
4	[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	40
5	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	38





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TIC Library : C:\DATABASE\NIST02.L
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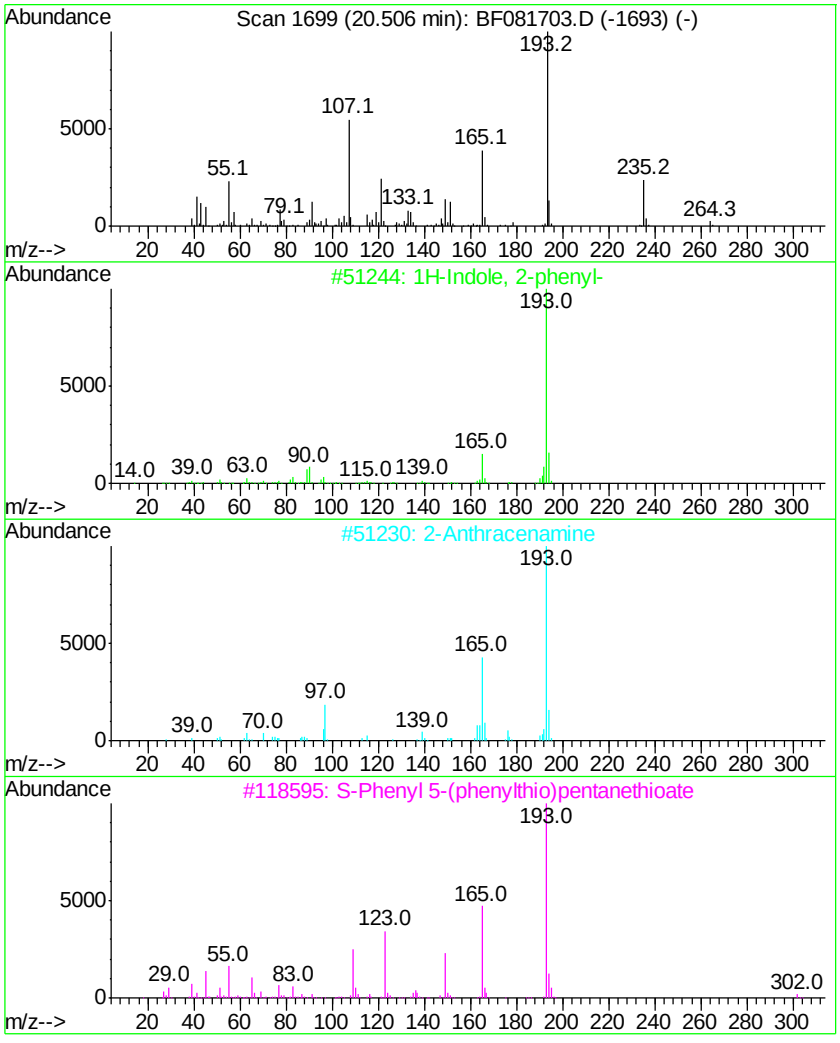
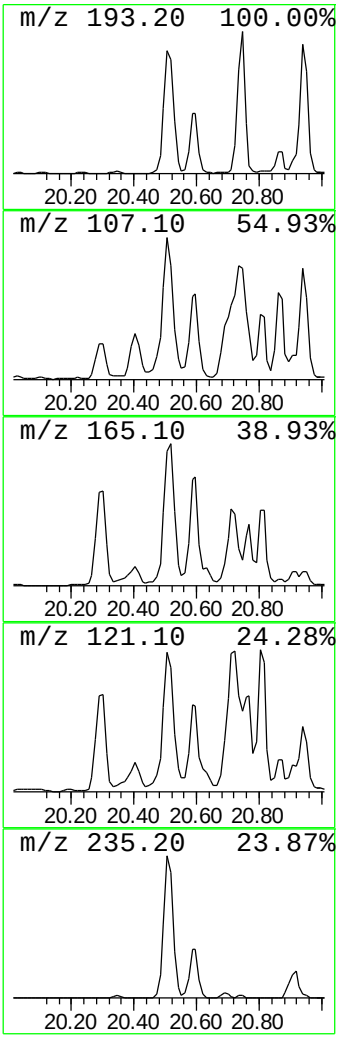
Peak Number 17 unknown20.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	94.51 ng	2239760	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	47
2	2-Anthracenamine	193	C14H11N	000613-13-8	47
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	47
4	1-Anthracenamine	193	C14H11N	000610-49-1	47
5	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	46





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Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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TIC Integration Parameters: LSCINT.P

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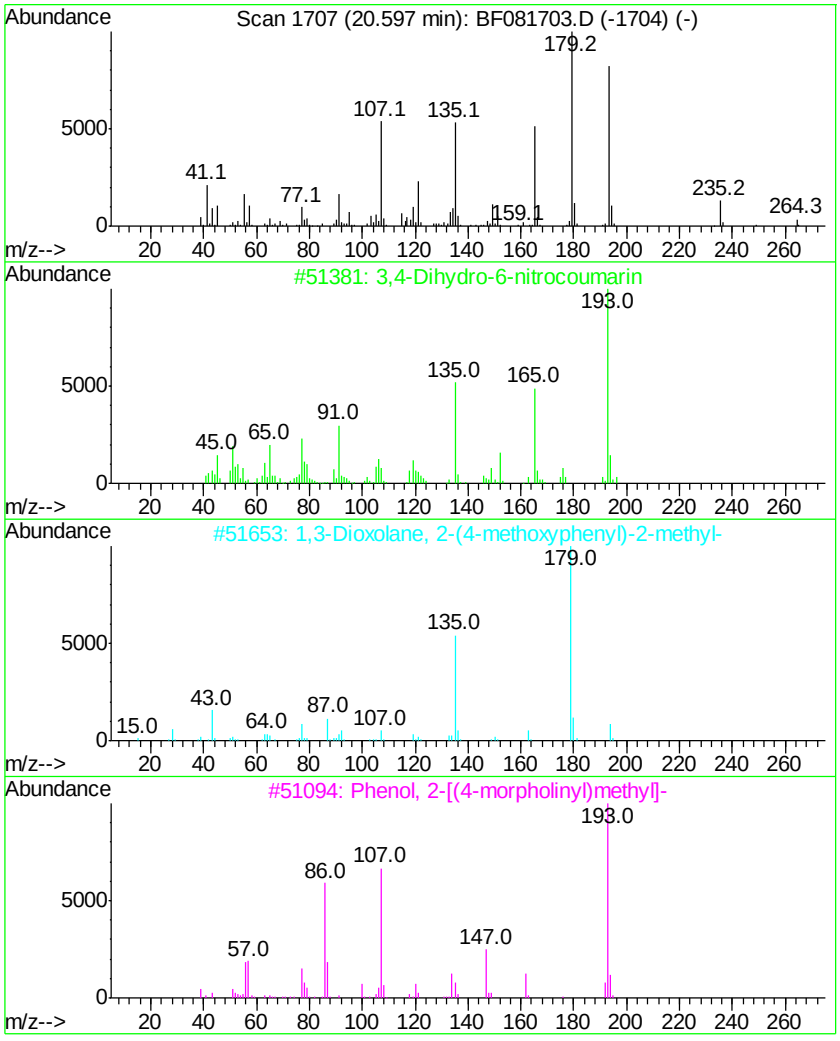
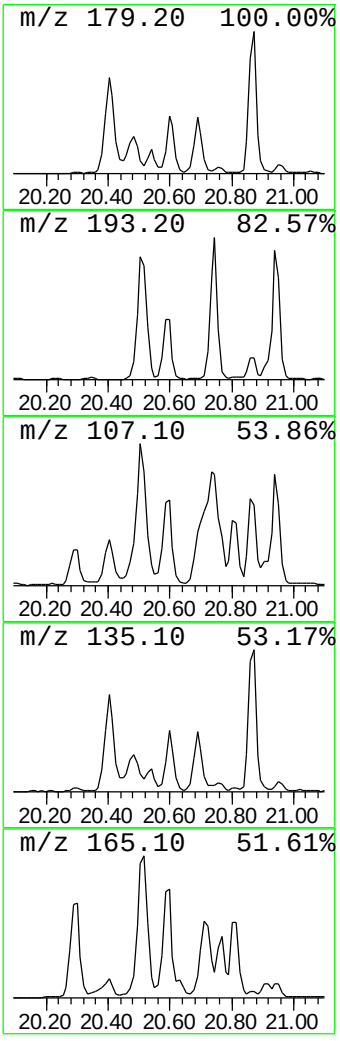
Peak Number 18 unknown20.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	47.85 ng	1133950	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	46
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	38
3	Phenol, 2-[(4-morpholinyl)methyl]-	193	C11H15NO2	004438-01-1	30
4	2-Biphenylacetonitrile	193	C14H11N	019853-10-2	27
5	Iminostilbene	193	C14H11N	000256-96-2	27





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

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

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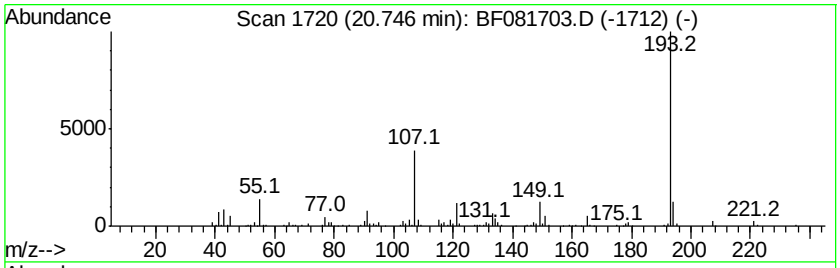
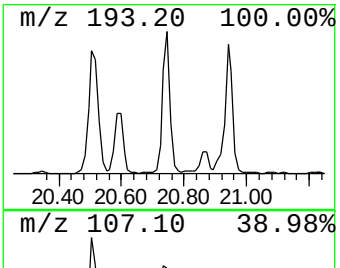
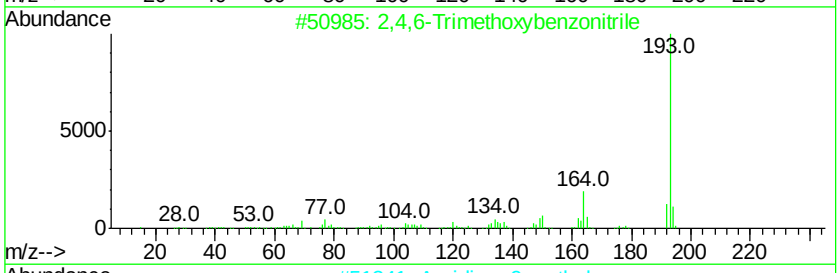
Peak Number 19 unknown20.75 Concentration Rank 4

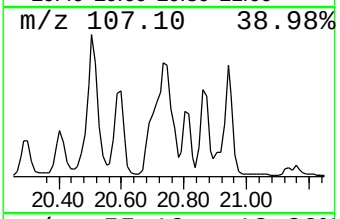
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	99.70 ng	2362650	Phenanthrene-d10	18.70

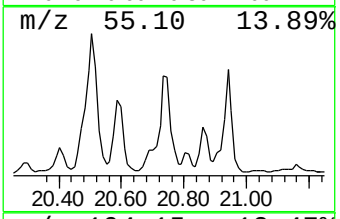
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	43
2	Acridine, 9-methyl-	193	C14H11N	000611-64-3	43
3	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	43
4	2-Phenylindolizine	193	C14H11N	025379-20-8	43
5	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	38

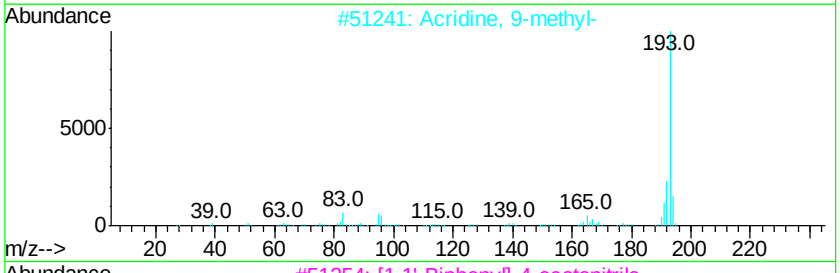


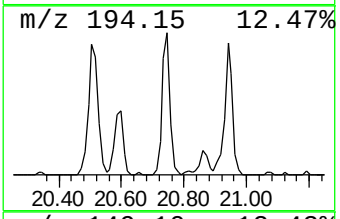


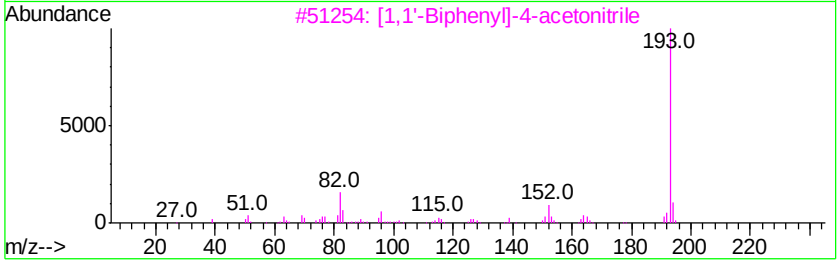


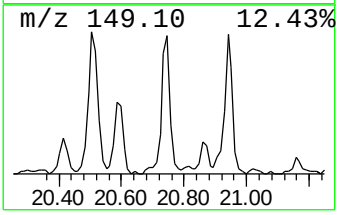












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

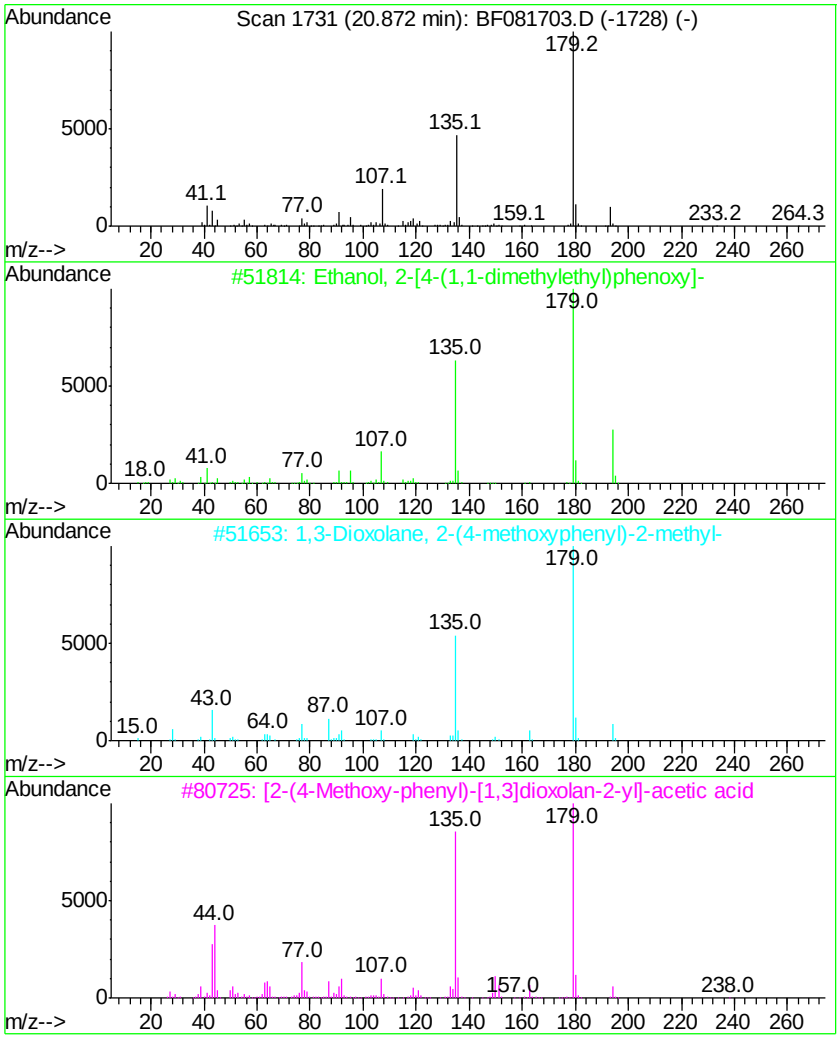
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

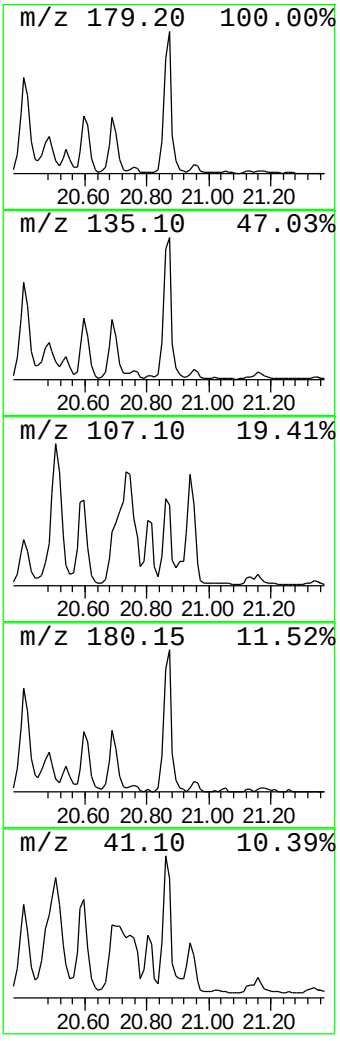
****

Peak Number 20 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	49.05 ng	1162510	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	72
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	50
3	[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	38
4	(p-(Allyloxycarbonyl)phenoxy)ace...	236	C12H12O5	1000241-83-7	32
5	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081703.D
Acq On : 18 Sep 2015 18:41
Operator : UM/IZ
Sample : G3704-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Butane, 2-methoxy...	1.24	274.7	ng	4089480	1	8.16	297710	20.0
Benzene, 1,3-dime...	5.12	50.4	ng	749691	1	8.16	297710	20.0
unknown7.68	7.68	92.5	ng	1377090	1	8.16	297710	20.0
Benzene, 1,2,3-tr...	7.81	76.1	ng	1132270	1	8.16	297710	20.0
1-Propanol, 2-(2-...	12.83	42.4	ng	848758	2	11.06	400120	20.0
unknown12.87	12.87	37.5	ng	749157	2	11.06	400120	20.0
Phenol, 4-(1,1,3,...	17.77	76.2	ng	1805340	4	18.70	473975	20.0
Phenol, 2-(1,1-di...	17.88	78.9	ng	1870670	4	18.70	473975	20.0
unknown17.98	17.98	60.0	ng	1421070	4	18.70	473975	20.0
Phenol, 4-(1,1-di...	18.08	39.6	ng	938250	4	18.70	473975	20.0
Acetamide, N-(2-m...	18.19	39.8	ng	942589	4	18.70	473975	20.0
Pentanoic acid, 5...	18.30	77.7	ng	1840100	4	18.70	473975	20.0
Benzoic acid, 4-n...	20.40	38.9	ng	922923	4	18.70	473975	20.0
unknown20.51	20.51	94.5	ng	2239760	4	18.70	473975	20.0
unknown20.60	20.60	47.9	ng	1133950	4	18.70	473975	20.0
unknown20.75	20.75	99.7	ng	2362650	4	18.70	473975	20.0
Ethanol, 2-[4-(1,...	20.87	49.0	ng	1162510	4	18.70	473975	20.0