LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

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-BF072415.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	5.081	260	262	265	rBV	195981	248074	5.59%	0.434%
2	5.504	295	299	302	rBV2	841566	1099985	24.81%	1.925%
3	5.756	319	321	323	rBV	56446	48424	1.09%	0.085%
4	5.927	334	336	338	rBV	53695	48217	1.09%	0.084%
5	6.453	380	382	384	rVB	300889	229399	5.17%	0.401%
6	6.533	387	389	392	rBV	419176	595549	13.43%	1.042%
7	6.613	394	396	398	rBV	200980	159010	3.59%	0.278%
8	6.693	400	403	405	rBV	1258527	1245035	28.08%	2.178%
9	6.727	405	406	407	rBV	181406	144921	3.27%	0.254%
10	6.750	407	408	410	rVB2	567824	577076	13.02%	1.010%
11	6.853	415	417	420	rVB	609928	511550	11.54%	0.895%
12	6.933	422	424	425	rBV	363309	366643	8.27%	0.641%
13	6.956	425	426	427	rBV	132444	127820	2.88%	0.224%
14	6.990	427	429	431	rVV	1661824	1339643	30.21%	2.344%
15	7.082	435	437	439	rBV	980184	1153757	26.02%	2.019%
16	7.116	439	440	442	rVB	158423	108933	2.46%	0.191%
17	7.185	444	446	447	rBV	55328	45560	1.03%	0.080%
18	7.207	447	448	450	rVB	58574	46716	1.05%	0.082%
19	7.253	450	452	453	rBV	143921	111686	2.52%	0.195%
20	7.333	455	459	461	rVB2	61524	71760	1.62%	0.126%
21	7.402	463	465	466	rBV	98180	85729	1.93%	0.150%
22	7.425	466	467	468	rVB	110895	76074	1.72%	0.133%
23	7.493	468	473	475	rBV2	956440	1199984	27.06%	2.099%
24	7.619	482	484	486	rVB	88211	70331	1.59%	0.123%
25	7.699	489	491	493	rBV	51674	82134	1.85%	0.144%
26	7.733	493	494	496	rVB	147711	104943	2.37%	0.184%
27	7.802	499	500	503	rBV3	32615	46366	1.05%	0.081%
28	7.893	503	508	511	rVB2	94155	173892	3.92%	0.304%
29	7.962	511	514	515	rBV	331905	410303	9.25%	0.718%
30	8.053	521	522	527	rVB4	110268	162676	3.67%	0.285%
31	8.179	529	533	534	rBV	39249	68431	1.54%	0.120%
32	8.213	534	536	540	rVV2	534816	722984	16.31%	1.265%
33	8.327	543	546	549	rBV2	21415	46050	1.04%	0.081%
34	8.396	551	552	555	rBV3	71450	99146	2.24%	0.173%

LSC Area Percent Report

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Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

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-BF072415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.465	555	558	564	rVV6	85083	219327	4.95%	0.384%
36	8.625	569	572	573	rBV3	66082	121387	2.74%	0.212%
37	8.659	573	575	578	rVV	152285	218630	4.93%	0.383%
38	8.739	578	582	585	rVV	1862669	4247743	95.80%	7.432%
39	8.819	587	589	596	rVV2	1842183	4433883	100.00%	7.757%
40	8.933	596	599	601	rVV	1591971	1379582	31.11%	2.414%
41	9.025	605	607	614	rVB	271591	385562	8.70%	0.675%
42	9.288	628	630	632	rBV	1280085	1665489	37.56%	2.914%
43	9.390	637	639	641	rVV	289635	269590	6.08%	0.472%
44	9.482	645	647	649	rVV3	32199	58344	1.32%	0.102%
45	9.550	652	653	658	rVV2	86195	210433	4.75%	0.368%
46	9.630	658	660	664	rVV2	143580	289600	6.53%	0.507%
47	9.699	664	666	669	rVV2	126917	186424	4.20%	0.326%
48	9.768	669	672	674	rVV4	51591	133792	3.02%	0.234%
49	9.813	674	676	681	rVB	95354	153913	3.47%	0.269%
50	9.939	683	687	688	rBV2	114047	205491	4.63%	0.360%
51	9.973	688	690	692	rVB	674226	604271	13.63%	1.057%
52	10.088	696	700	702	rBV4	34138	73910	1.67%	0.129%
53	10.168	704	707	709	rBV3	44901	71591	1.61%	0.125%
54	10.442	730	731	734	rVB2	40195	45054	1.02%	0.079%
55	10.511	734	737	739	rBV4	30167	63869	1.44%	0.112%
56	10.568	739	742	746	rVB4	32010	63801	1.44%	0.112%
57	10.728	754	756	757	rBV	204787	258189	5.82%	0.452%
58	10.751	757	758	761	rVV2	918895	1245867	28.10%	2.180%
59	10.853	764	767	768	rBV2	26127	44381	1.00%	0.078%
60	10.888	768	770	772	rBV	214008	257509	5.81%	0.451%
61	10.945	772	775	776	rVV	1462159	1313285	29.62%	2.298%
62	10.979	776	778	780	rVV	1172246	1662814	37.50%	2.909%
63	11.013	780	781	782	rVV	1183930	912247	20.57%	1.596%
64	11.082	784	787	789	rVV	475420	718504	16.20%	1.257%
65	11.116	789	790	792	rVV2	503985	697475	15.73%	1.220%
66	11.162	792	794	795	rVV	1480371	1331584	30.03%	2.330%
67	11.196	795	797	800	rVB2	329163	585318	13.20%	1.024%
68	11.322	806	808	812	rBV4	35171	93033	2.10%	0.163%
69	11.459	818	820	822	rBV	713532	615144	13.87%	1.076%
70	11.528	823	826	827	rBV3	29392	55572	1.25%	0.097%
71	11.574	827	830	832	rVV	3231228	4141666	93.41%	7.246%

LSC Area Percent Report

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Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.745	842	845	847	rBV2	43939	59579	1.34%	0.104%
73	11.871	853	856	857	rBV	65602	105933	2.39%	0.185%
74	11.996	865	867	870	rBV	543119	617315	13.92%	1.080%
75	12.054	870	872	873	rVV	1011232	941534	21.23%	1.647%
76	12.088	873	875	877	rVV3	949062	2009860	45.33%	3.516%
77	12.134	877	879	881	rVV	969561	1262217	28.47%	2.208%
78	12.202	881	885	889	rVV5	945934	2860197	64.51%	5.004%
79	12.259	889	890	893	rVV	1192731	1409005	31.78%	2.465%
80	12.305	893	894	897	rVV	834192	704766	15.90%	1.233%
81	12.408	901	903	909	rVB2	145429	206974	4.67%	0.362%
82	12.614	920	921	923	rVV2	78523	107834	2.43%	0.189%
83	12.705	925	929	930	rVV3	76133	198706	4.48%	0.348%
84	12.728	930	931	933	rVV2	216066	269422	6.08%	0.471%
85	12.797	933	937	938	rVV2	78202	223925	5.05%	0.392%
86	12.831	938	940	947	rVB3	90224	152449	3.44%	0.267%
87	13.082	960	962	964	rVB	2198818	2008754	45.30%	3.514%
88	13.128	964	966	968	rVB	76466	102631	2.31%	0.180%
89	13.197	969	972	974	rBV2	280385	512019	11.55%	0.896%
90	13.242	974	976	977	rVV	247411	301176	6.79%	0.527%
91	13.334	980	984	987	rVV4	217199	536399	12.10%	0.938%
92	13.391	987	989	991	rVV	154954	239119	5.39%	0.418%
93	13.437	991	993	997	rVB	83279	120848	2.73%	0.211%
94	14.248	1062	1064	1069	rBV	563626	576678	13.01%	1.009%
95	14.385	1074	1076	1077	rVV	127472	171451	3.87%	0.300%
96	14.420	1077	1079	1082	rVV3	118597	228053	5.14%	0.399%
97	14.522	1085	1088	1094	rVB2	41869	71437	1.61%	0.125%
98	15.905	1206	1209	1212	rBV	413251	494939	11.16%	0.866%

Sum of corrected areas: 57156295

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
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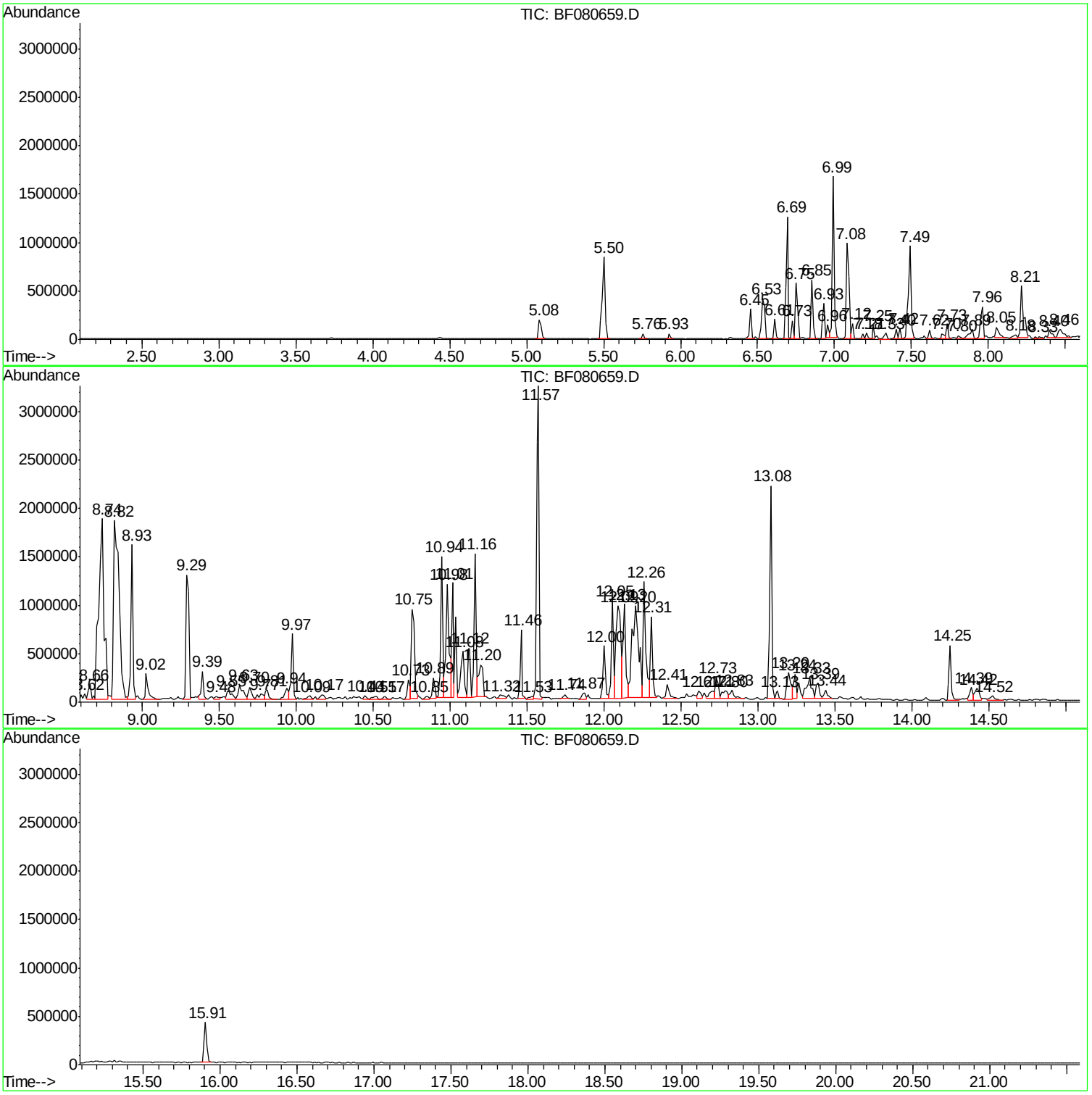
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

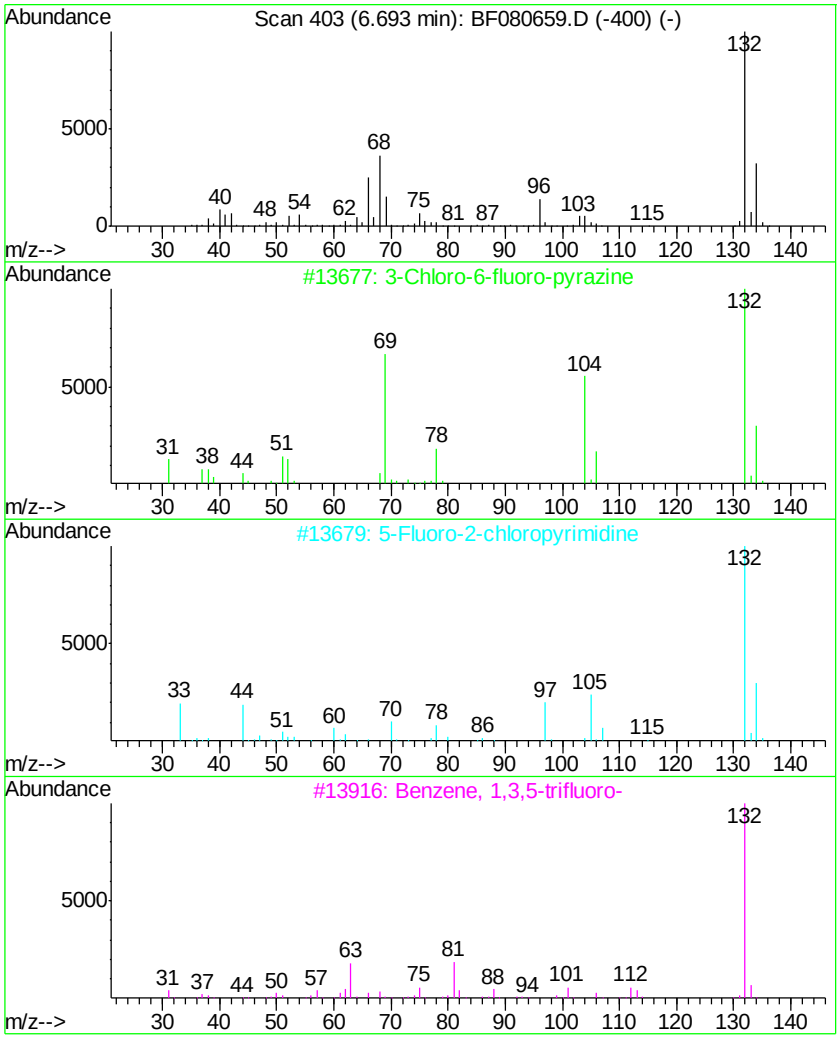
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

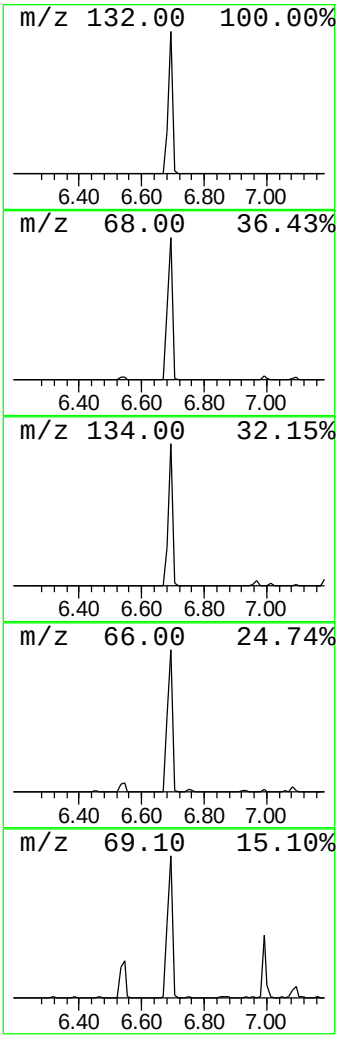
****

Peak Number 1 unknown6.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	67.92 ng	1245040	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

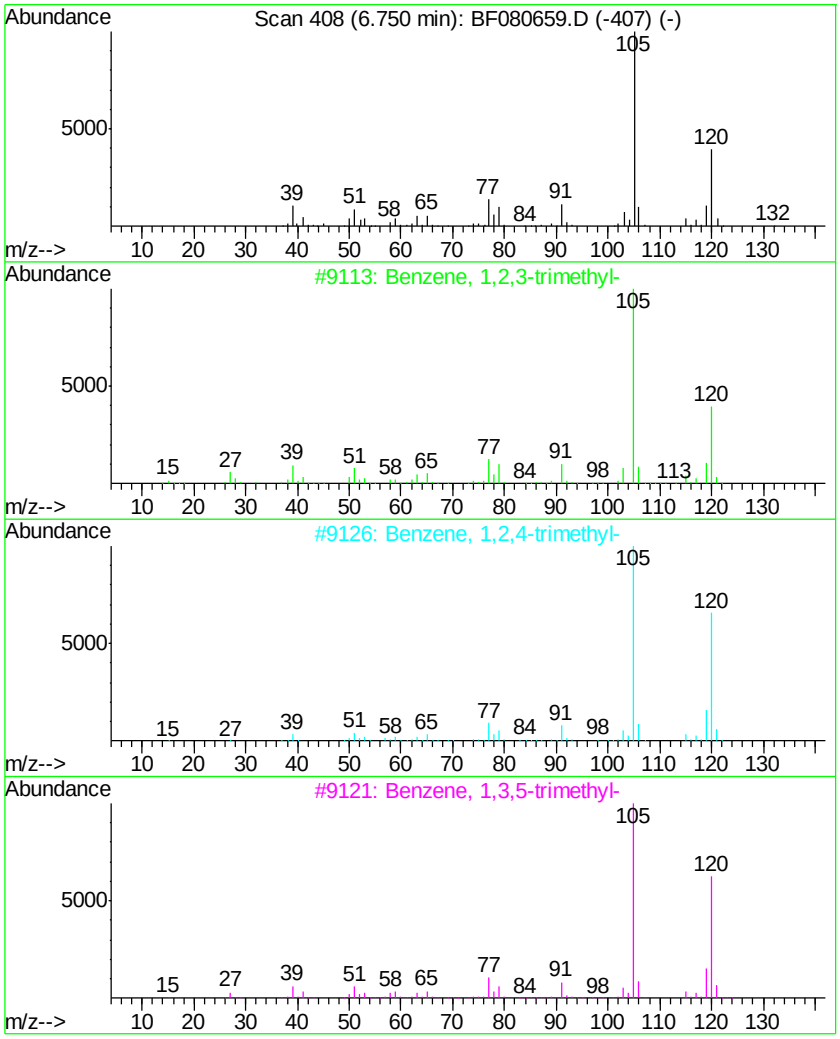
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

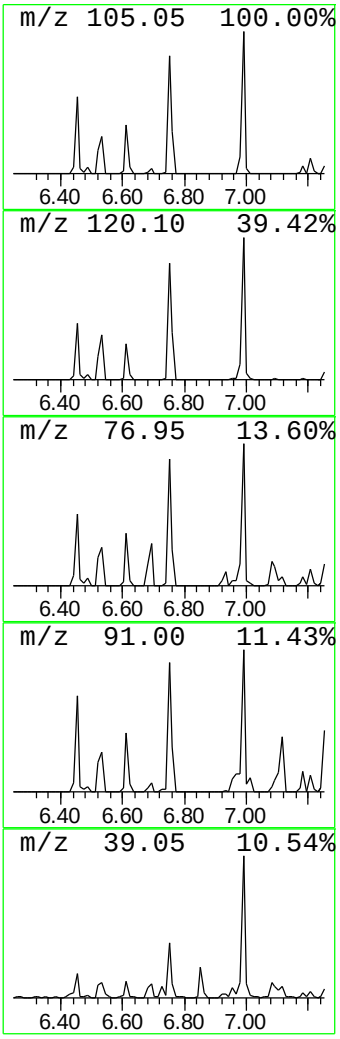
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	31.48 ng	577076	1,4-Dichlorobenzene-d4	6.93

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	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

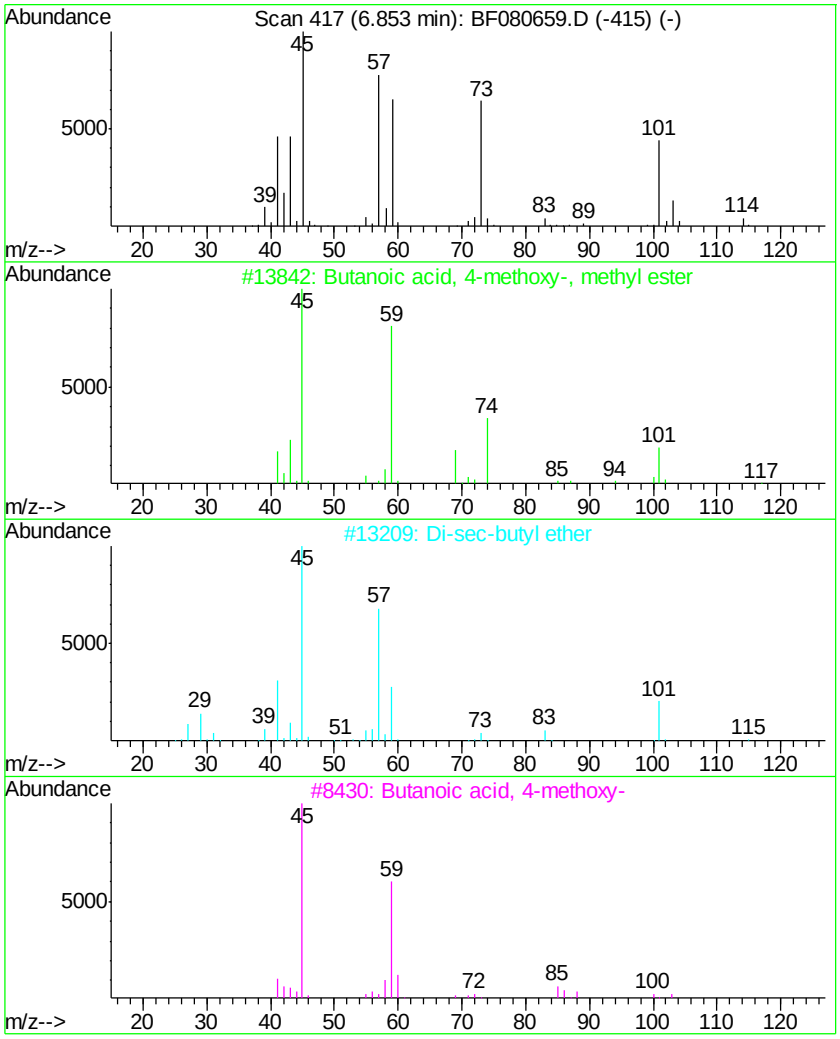
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

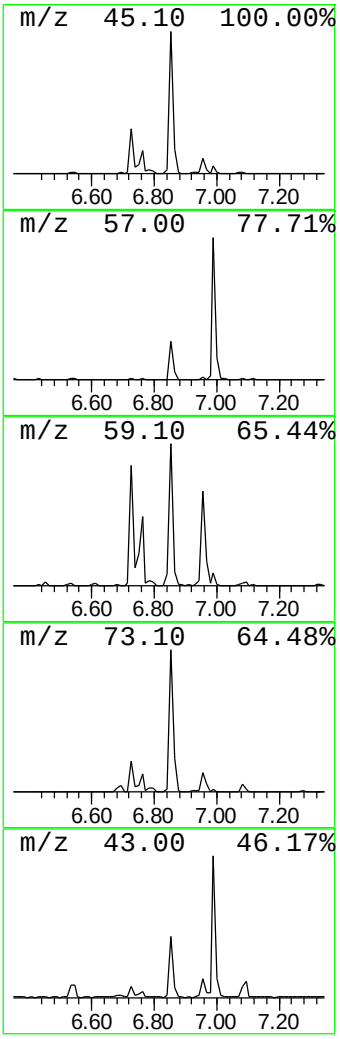
****

Peak Number 3 unknown6.85 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	27.90 ng	511550	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	45
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	45
3	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	38
4	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	37
5	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	36





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

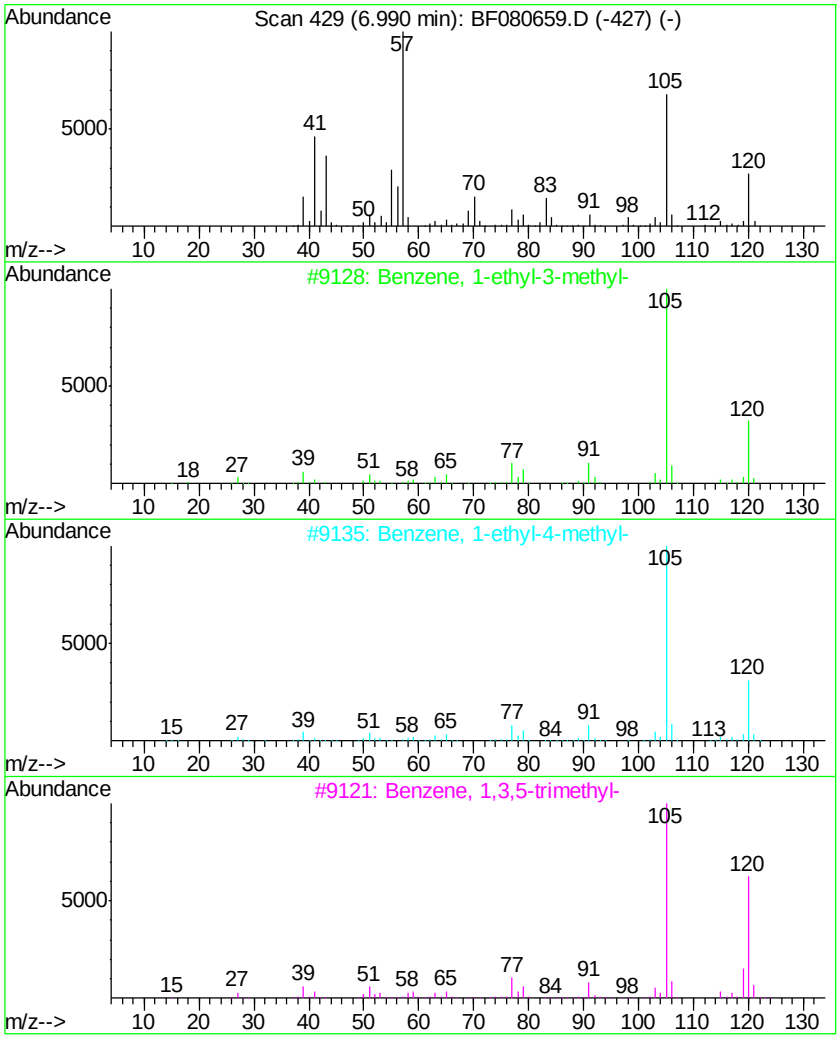
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

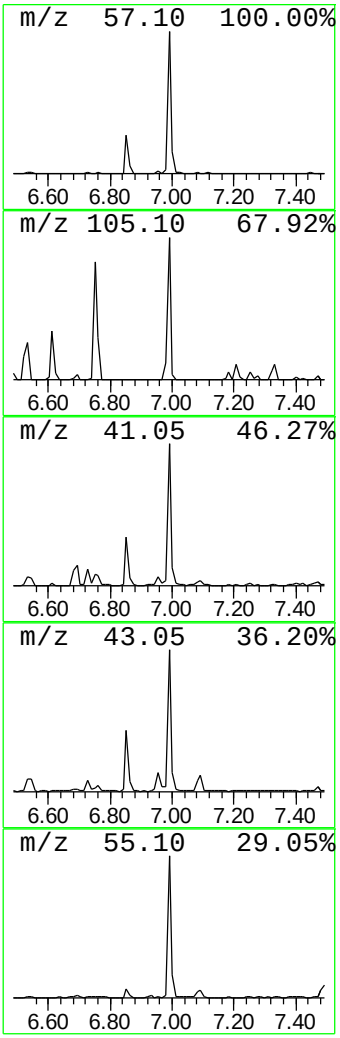
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	73.08 ng	1339640	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	51
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	38
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

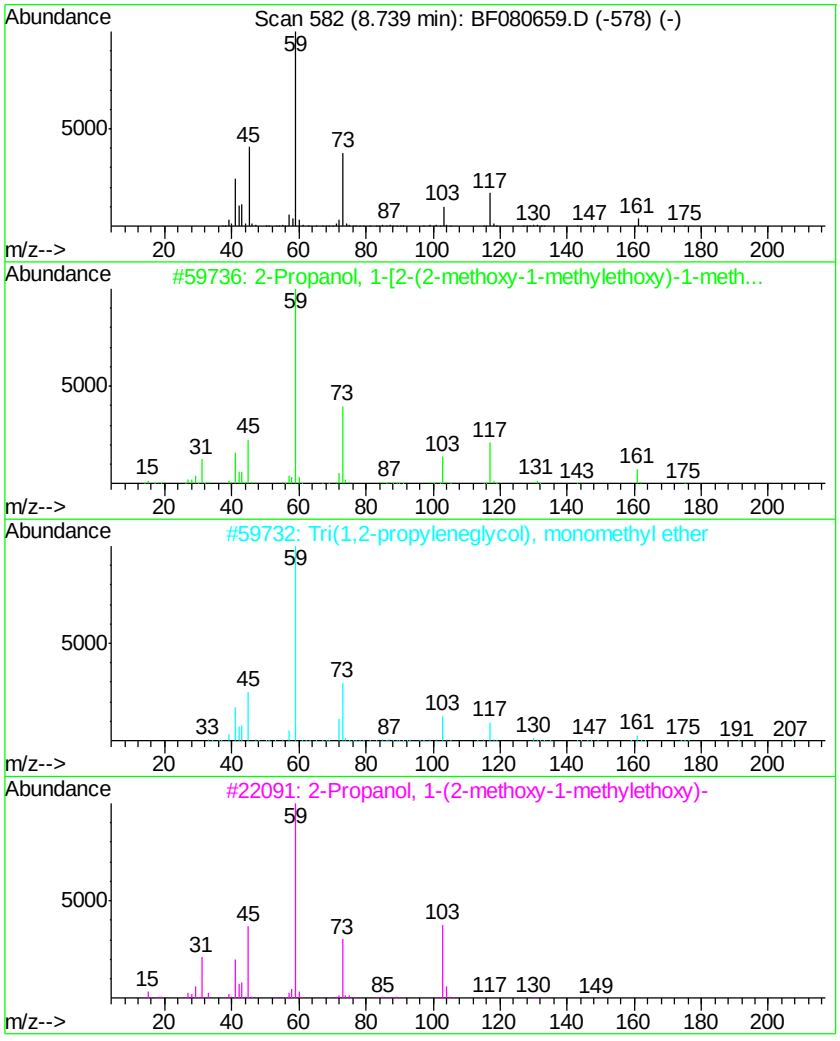
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

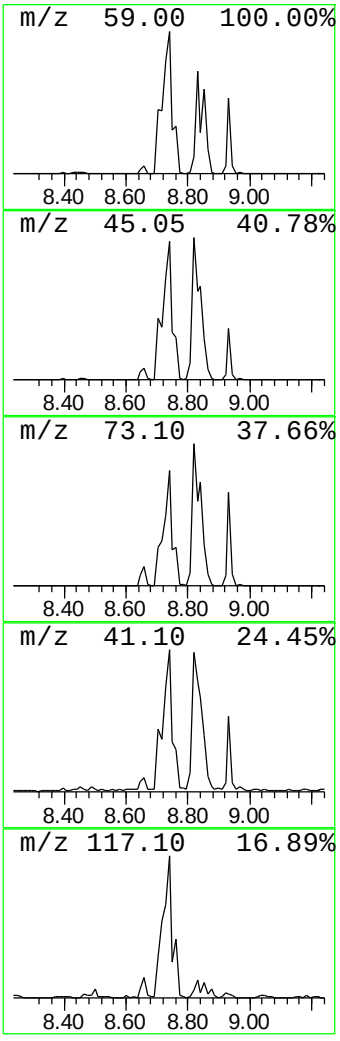
****

Peak Number 6 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	117.51 ng	4247740	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	72
2	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
3	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	59
4	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	56
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

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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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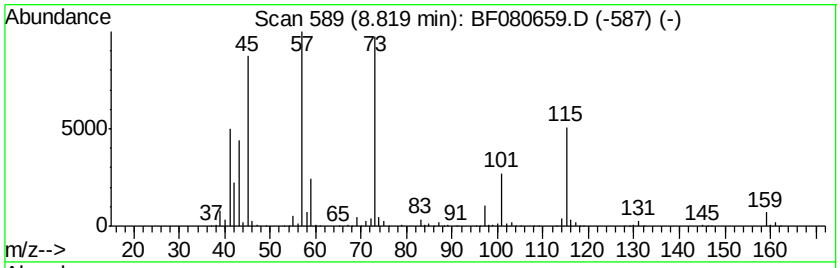
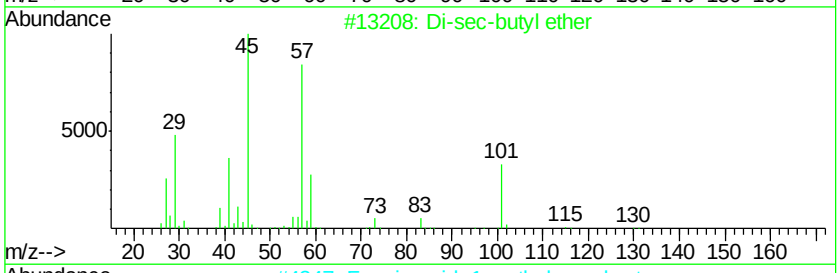
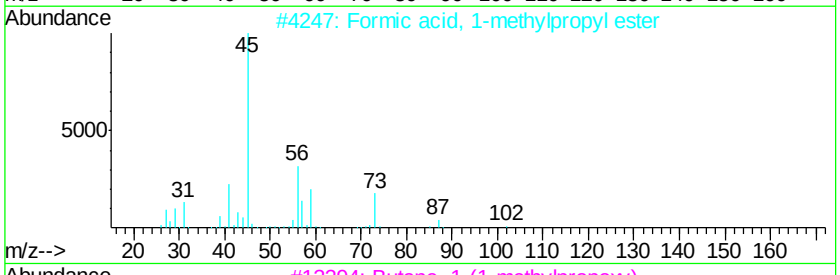
Peak Number 7 unknown8.82 Concentration Rank 2

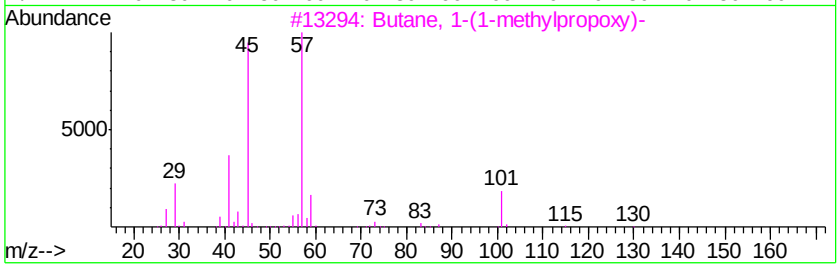
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	122.66 ng	4433880	Naphthalene-d8	8.21

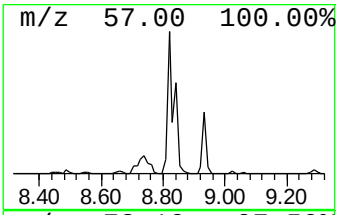
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	47
2	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	38
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	38
4	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	32
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	32

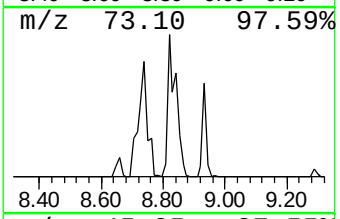


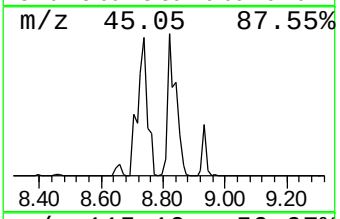


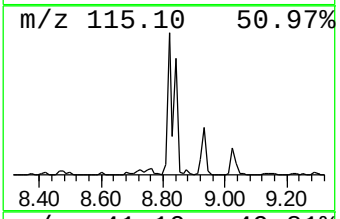


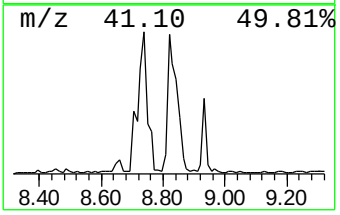












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Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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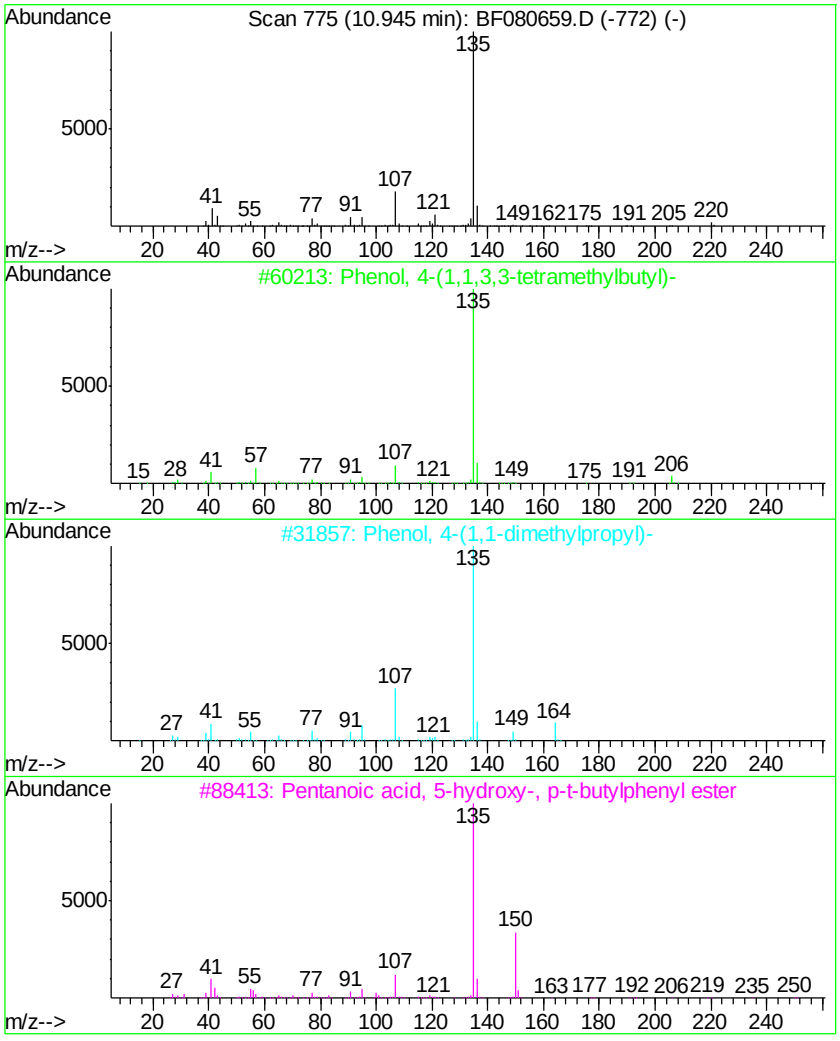
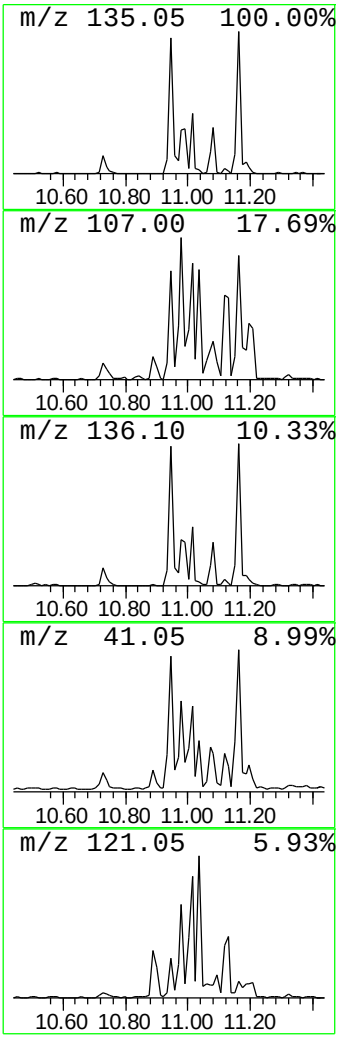
Peak Number 8 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	42.70 ng	1313290	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56





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ClientSampleId : MW-8-7-22-15

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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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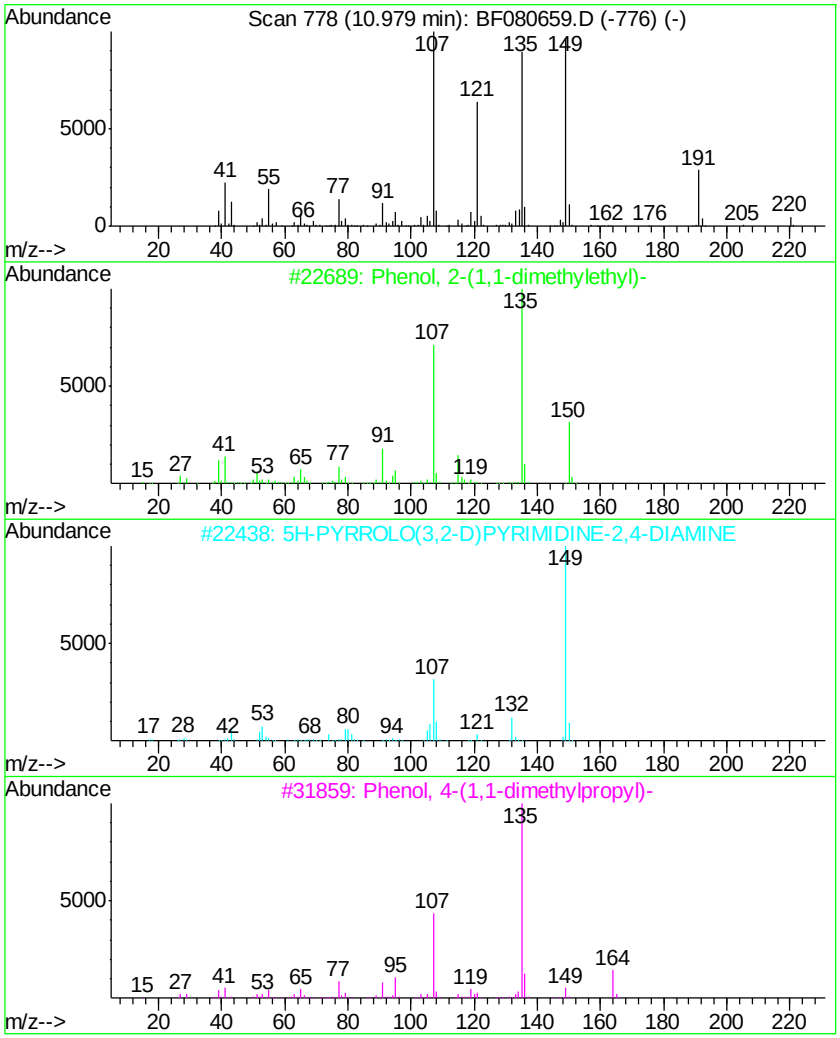
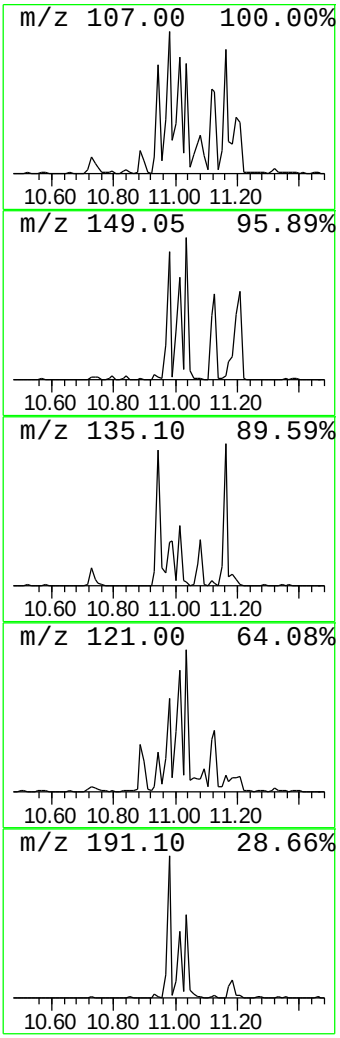
Peak Number 9 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	54.06 ng	1662810	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	53
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	43
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	43
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	30
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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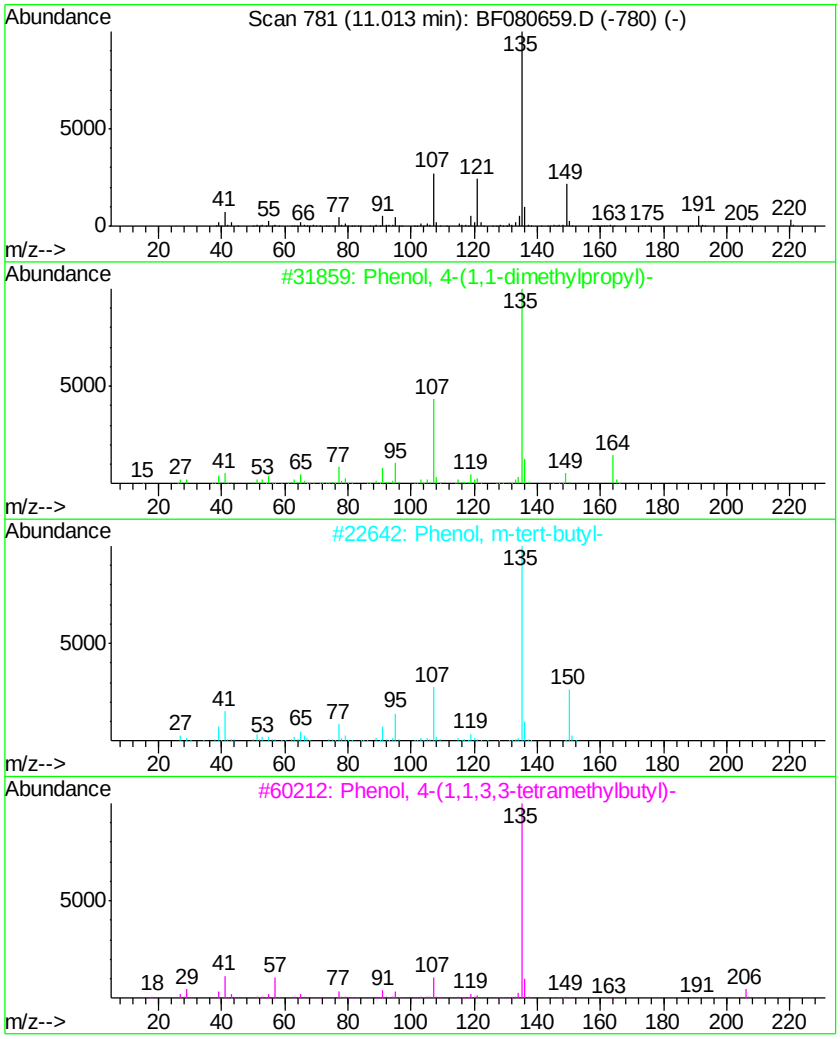
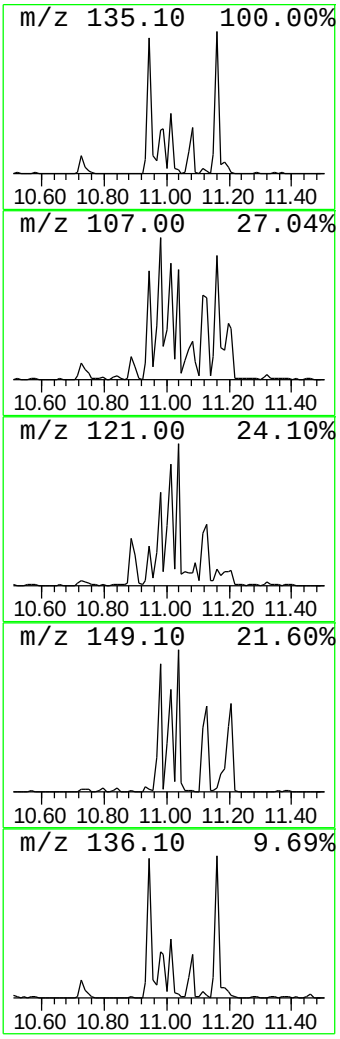
Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	29.66 ng	912247	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	81
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	53





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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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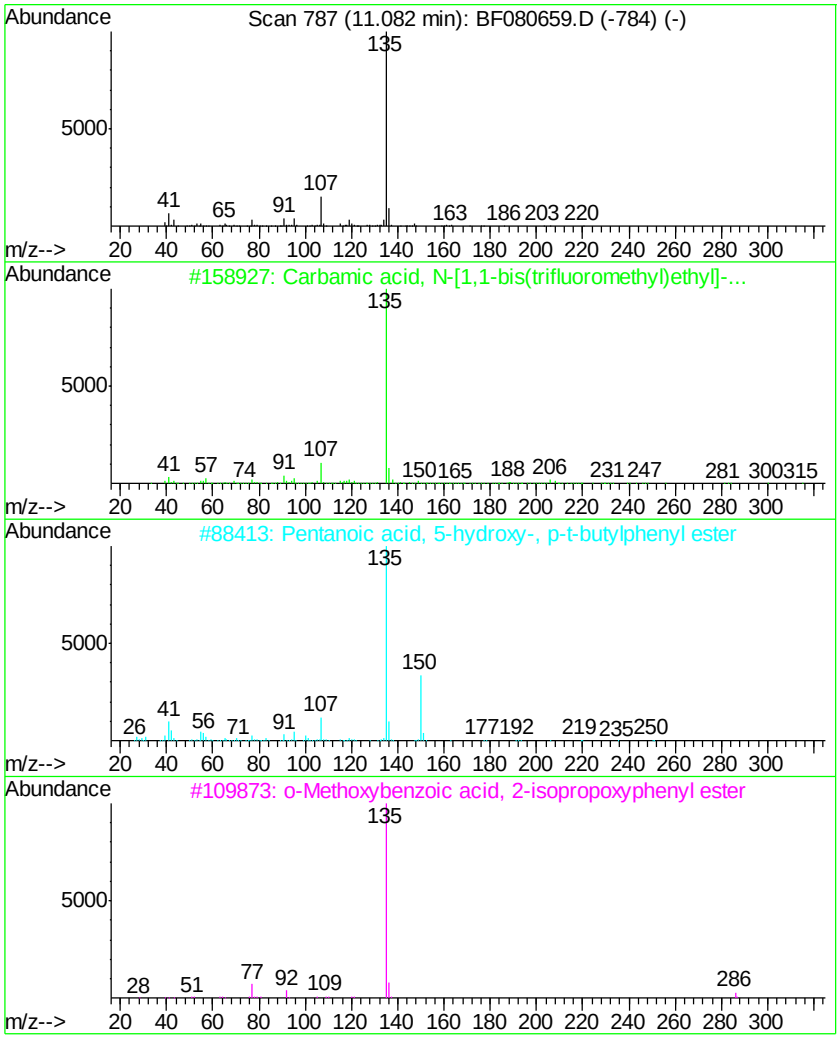
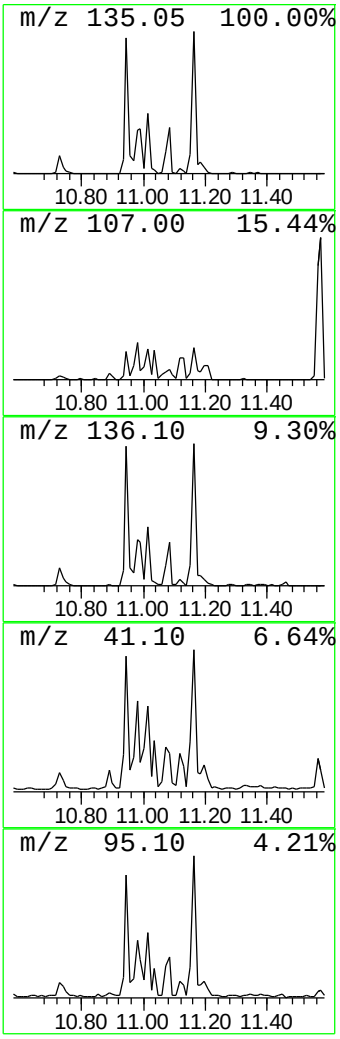
Peak Number 11 Carbamic acid, N-[1,1-bis(t... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	23.36 ng	718504	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56
3	o-Methoxybenzoic acid, 2-isoprop...	286	C17H18O4	1000292-61-9	42
4	o-Methoxybenzoic acid, 2-bromo-4...	324	C14H10BrFO3	1000292-61-8	42
5	Benzoic acid, 2-methoxy-, phenyl...	228	C14H12O3	010268-71-0	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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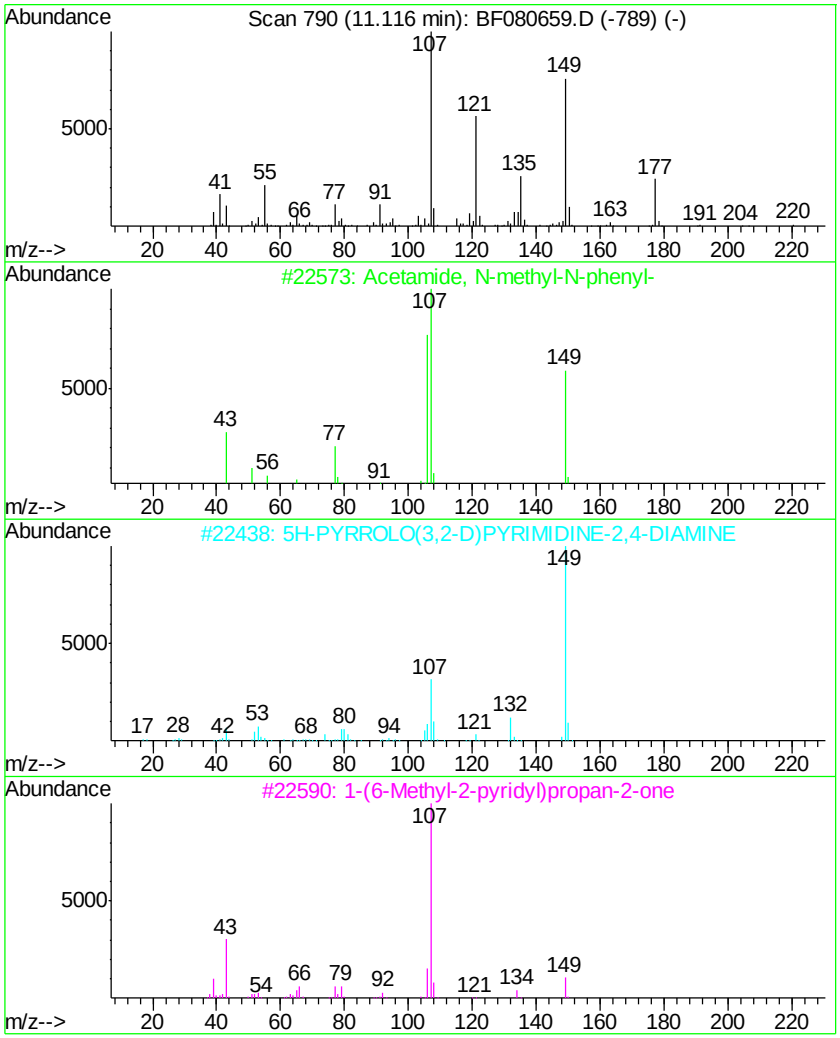
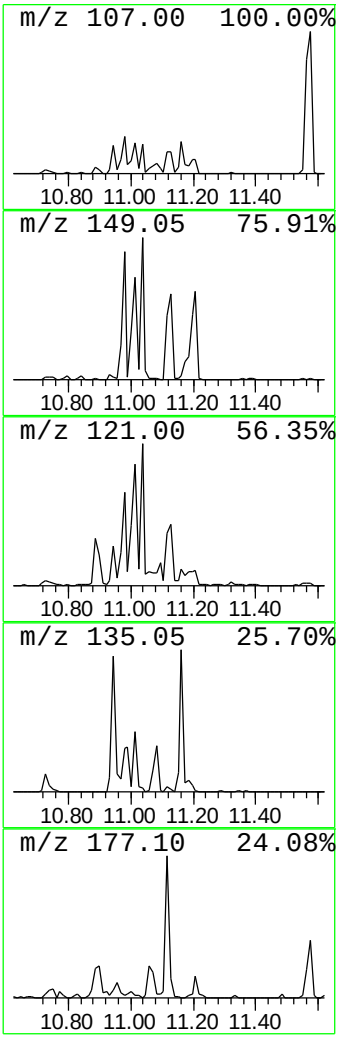
Peak Number 12 Acetamide, N-methyl-N-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	22.68 ng	697475	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	53
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	53
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	53
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	38
5	1,3-Cyclohexadiene-1-carboxaldeh...	150	C10H14O	000116-26-7	38





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ClientSampleId : MW-8-7-22-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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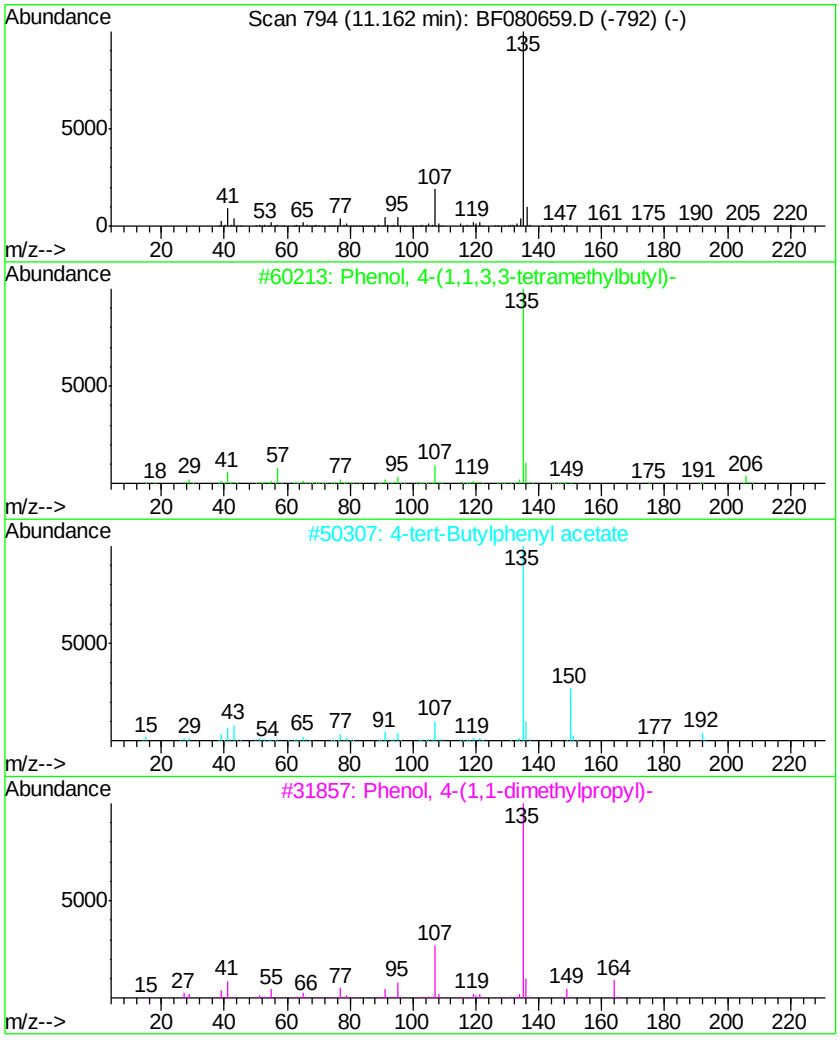
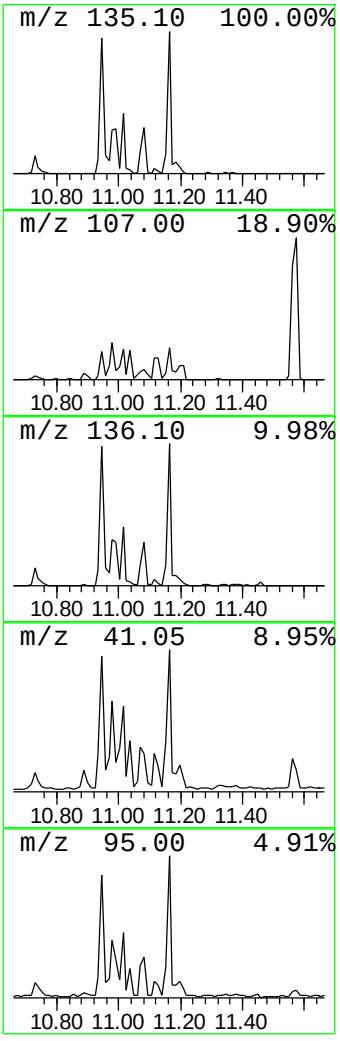
Peak Number 13 4-tert-Butylphenyl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	43.29 ng	1331580	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
5	Hexestrol	270	C18H22O2	005635-50-7	64





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ClientSampleId : MW-8-7-22-15

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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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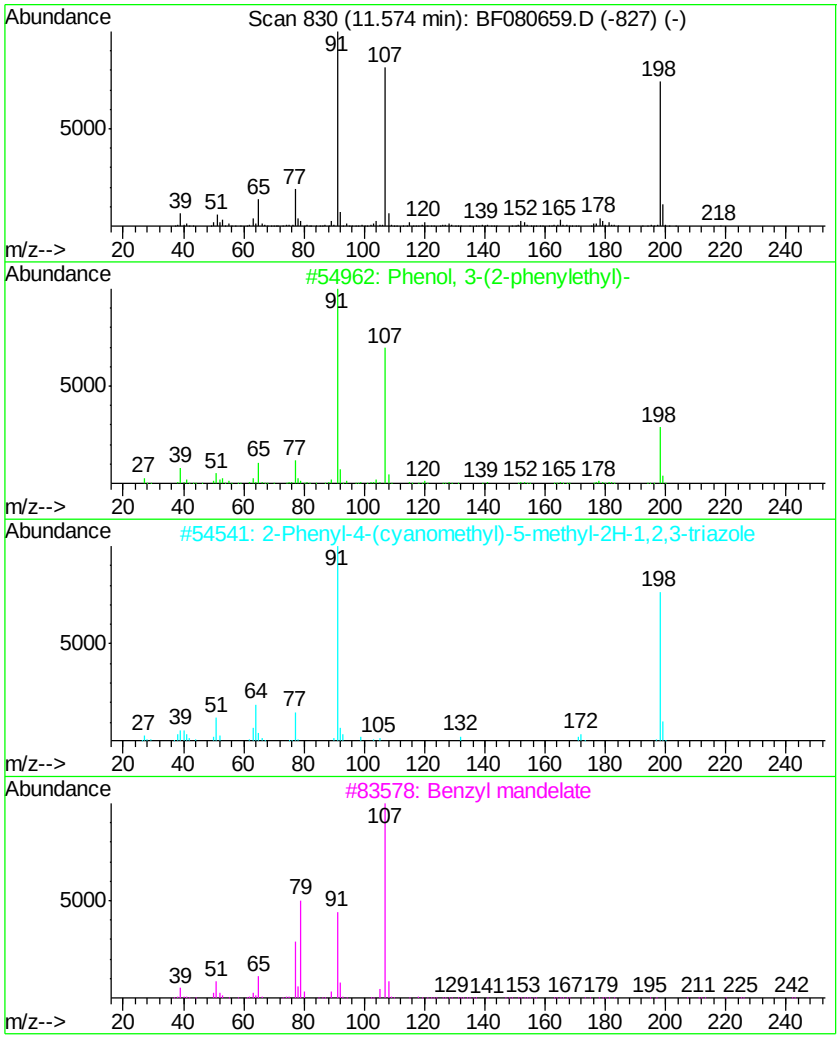
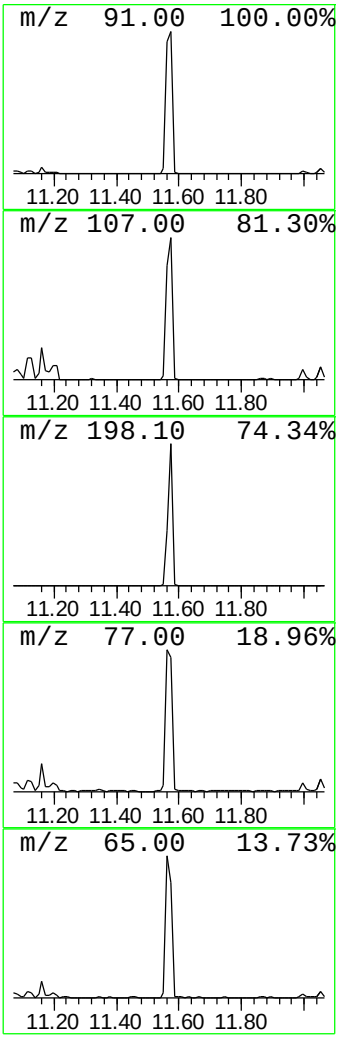
Peak Number 14 Phenol, 3-(2-phenylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	134.66 ng	4141670	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	95
2	2-Phenyl-4-(cyanomethyl)-5-methy...	198	C11H10N4	013322-20-8	46
3	Benzyl mandelate	242	C15H14O3	000890-98-2	38
4	Benzene, 1,1'-oxybis[4-methyl-	198	C14H14O	001579-40-4	35
5	Benzenemethanol, .alpha.-(2,2-di...	178	C12H18O	062338-03-8	35





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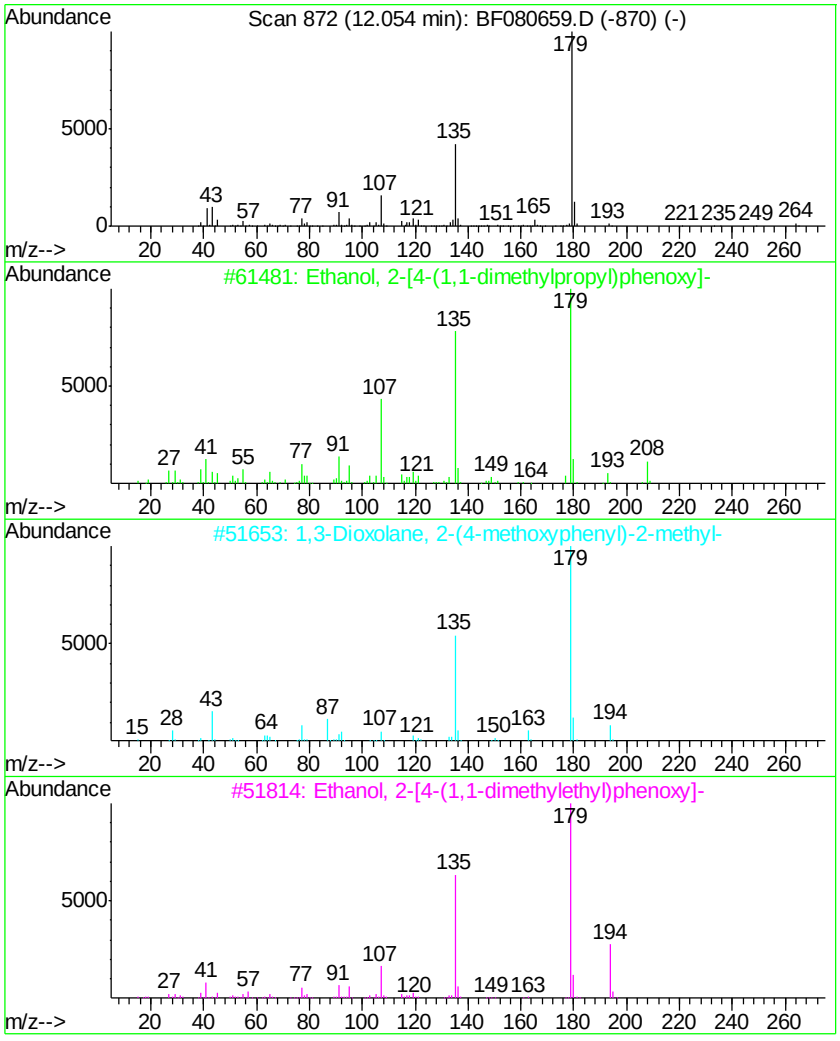
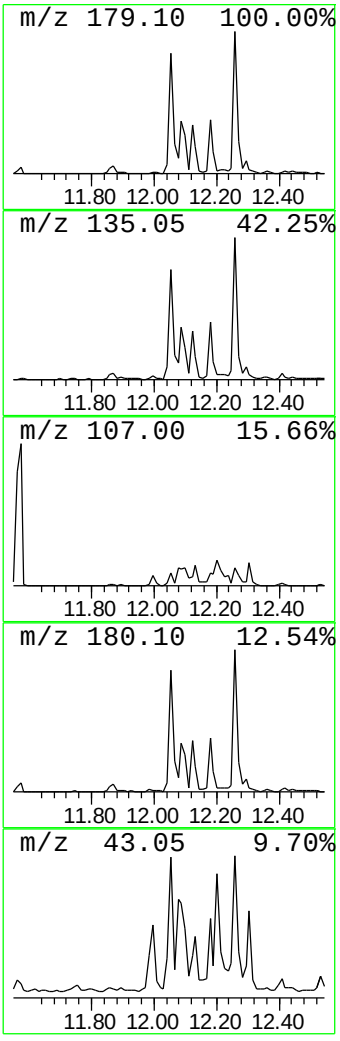
Peak Number 15 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	30.61 ng	941534	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	56
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	53
4	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	43
5	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	39





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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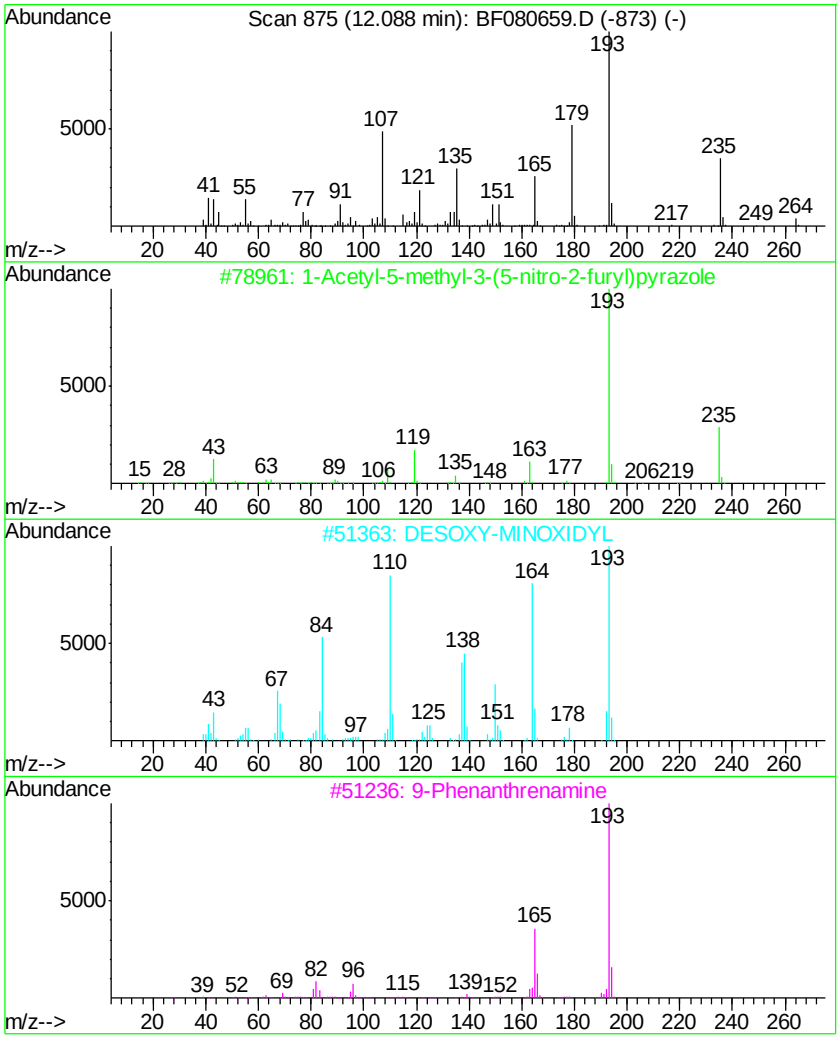
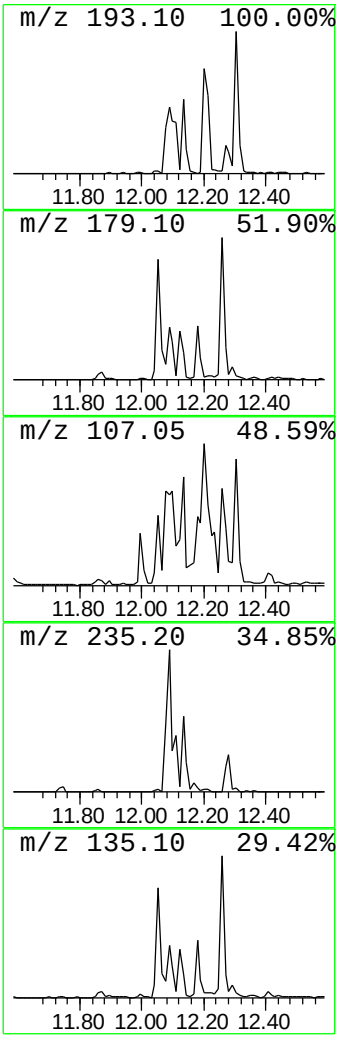
Peak Number 16 unknown12.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	65.35 ng	2009860	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	41
2	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	30
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
4	Methyl 5-acetyl-2-methoxybenzoate	208	C11H12O4	039971-36-3	27
5	1,2,4-Triazolo[4,3-a]pyridine-8-...	193	C8H7N3O3	053975-71-6	27





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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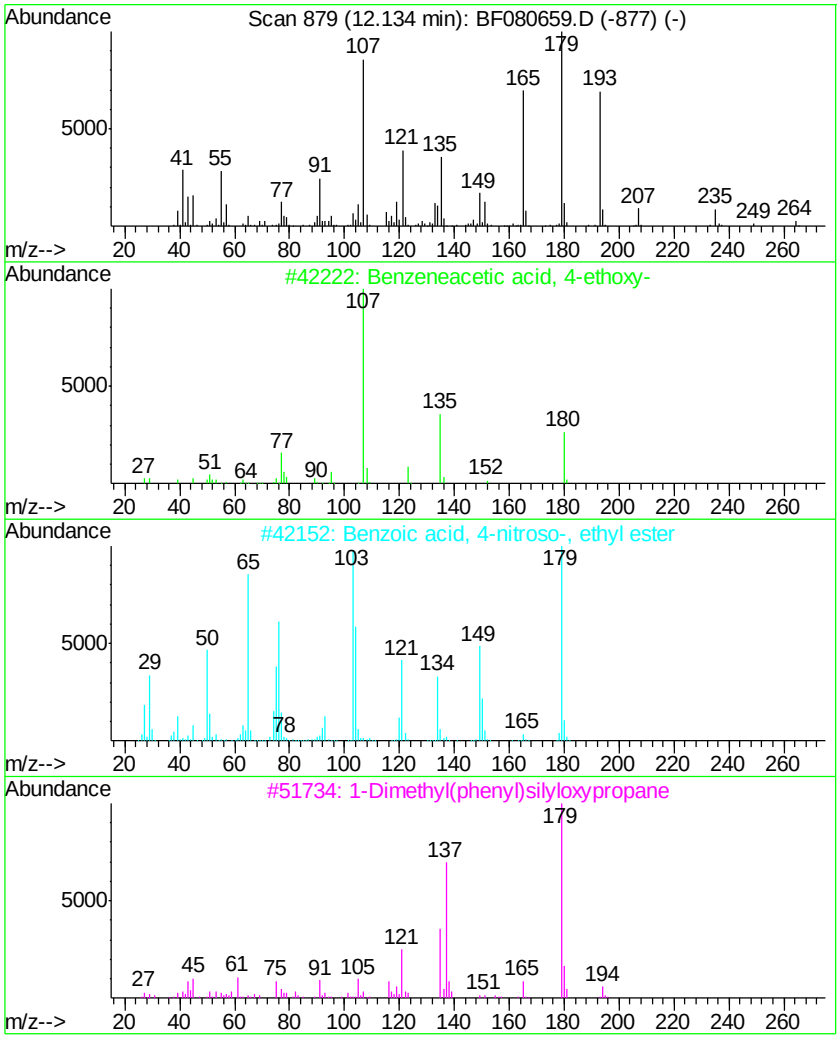
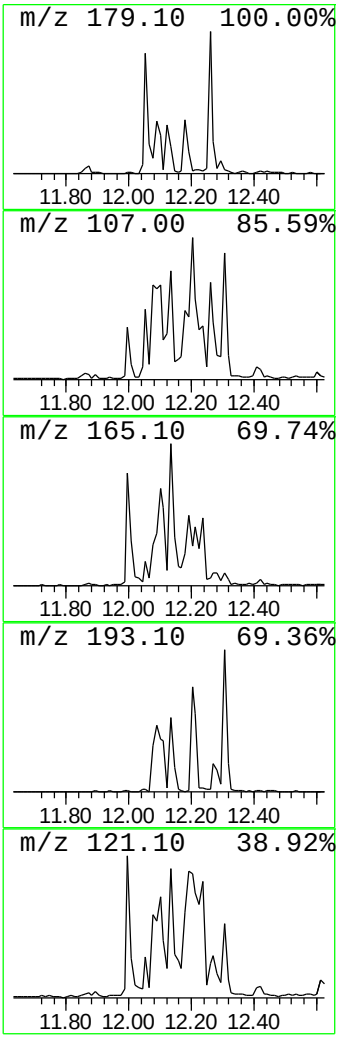
Peak Number 17 unknown12.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	41.04 ng	1262220	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	38
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	35
3	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	30
4	4,7(1H,8H)-Pteridinedione, 2-amino-	179	C6H5N5O2	000529-69-1	22
5	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	18





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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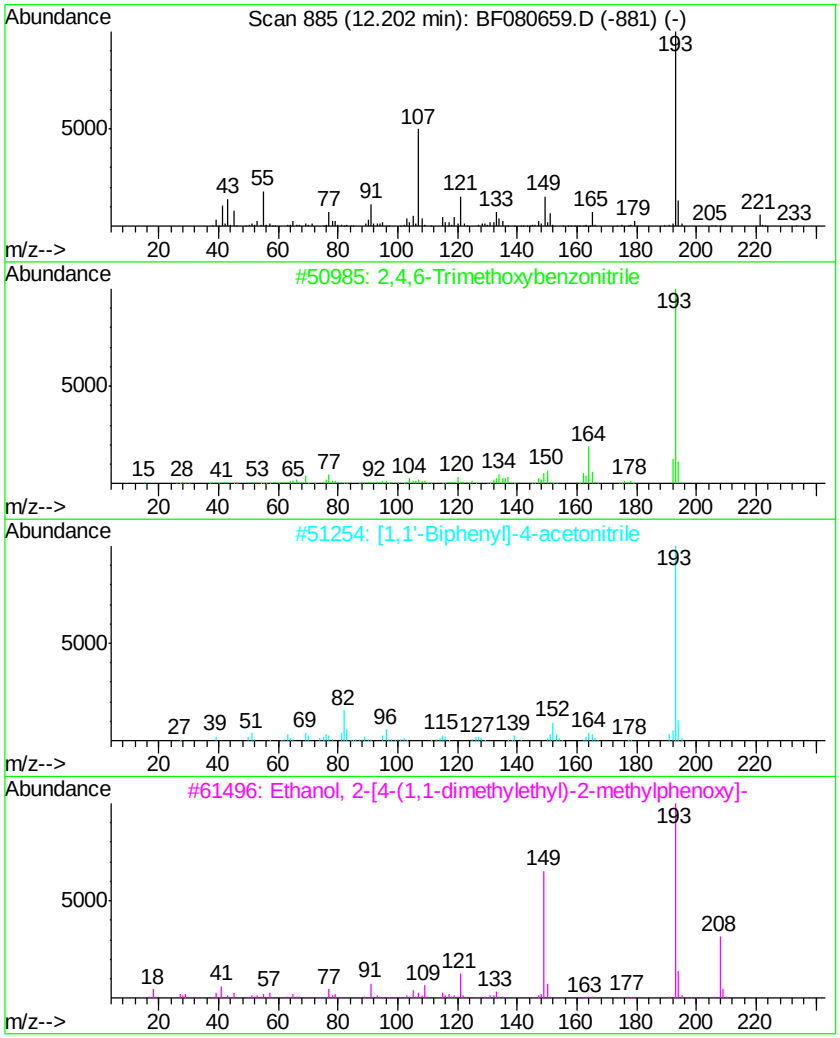
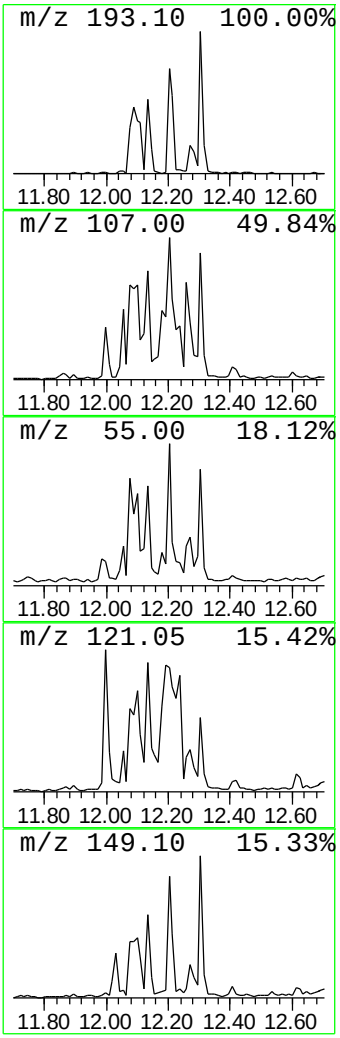
Peak Number 18 unknown12.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	92.99 ng	2860200	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	46
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	43
3	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	43
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	37
5	Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	37





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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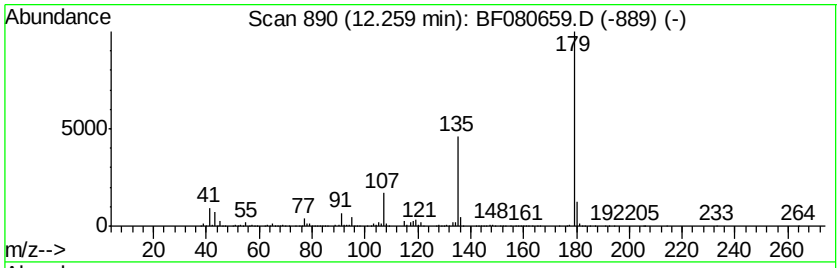
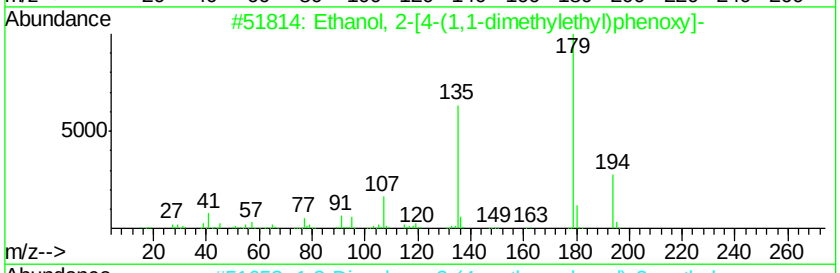
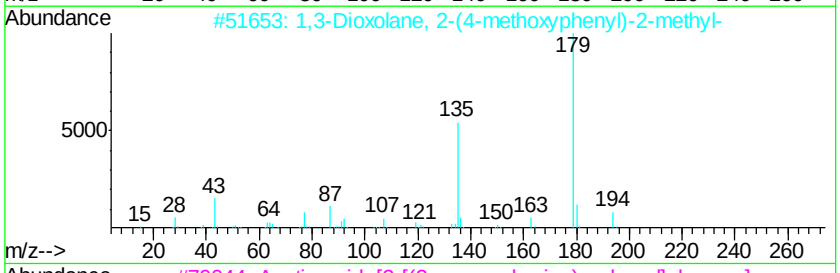
Peak Number 19 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 10

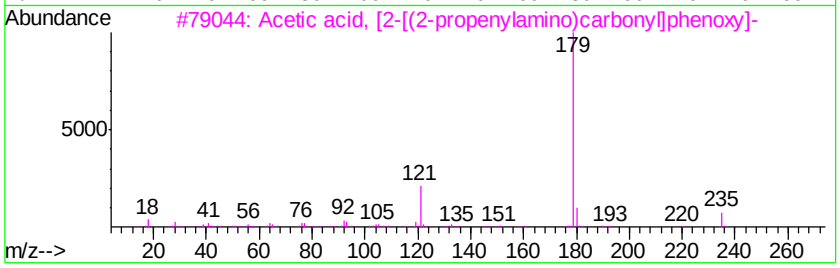
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	45.81 ng	1409010	Phenanthrene-d10	11.46

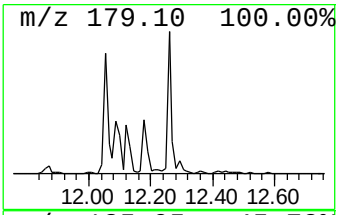
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	90
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	78
3	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	28
4	(p-Butyrylphenoxy)acetic acid	222	C12H14O4	001141-96-4	25
5	(p-(Allyloxycarbonyl)phenoxy)ace...	236	C12H12O5	1000241-83-7	25

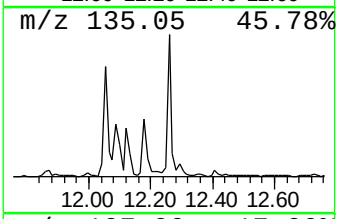


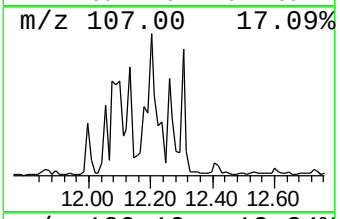


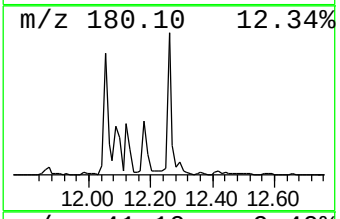


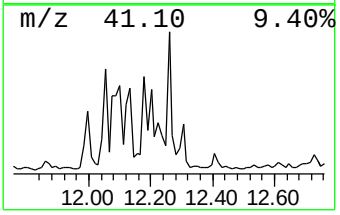












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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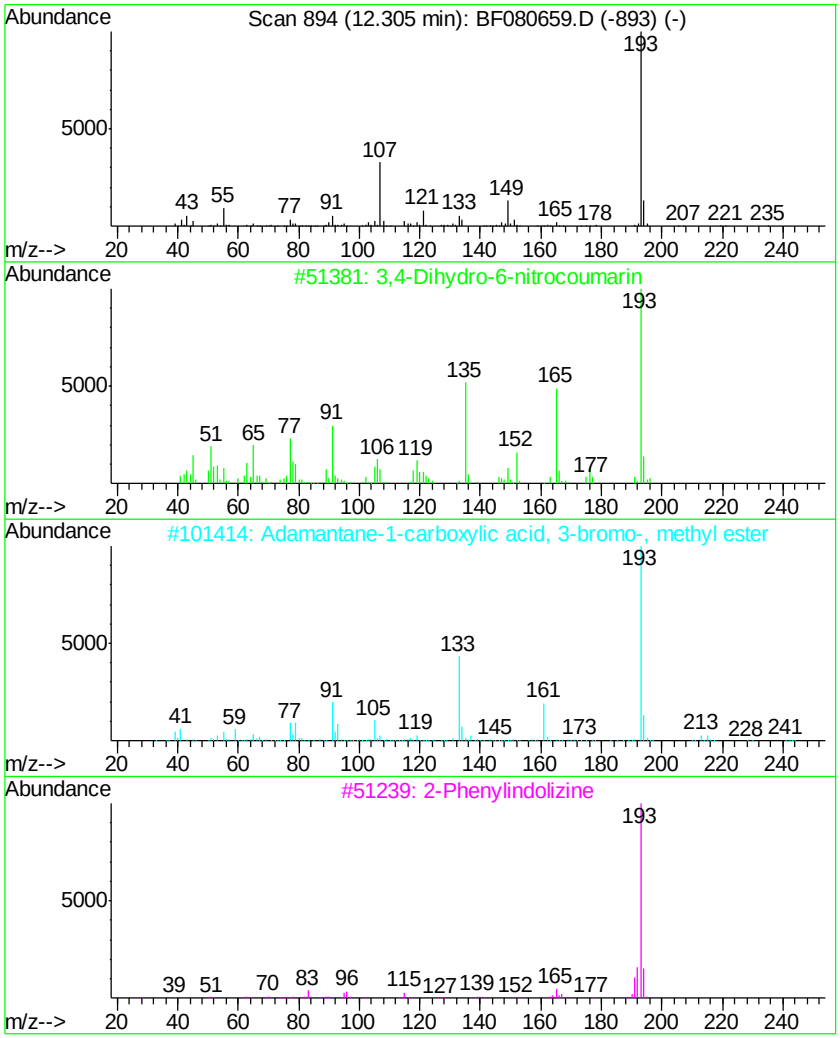
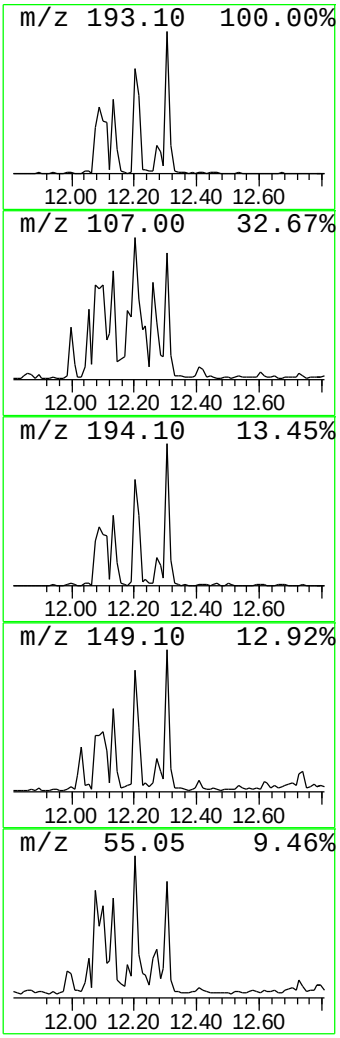
Peak Number 20 unknown12.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	22.91 ng	704766	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	36
2	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	33
3	2-Phenylindolizine	193	C14H11N	025379-20-8	33
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	33
5	2-Butanone, 4-[2-isopropyl-5-met...	304	C20H32O2	1000196-43-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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
unknown6.69	6.69	67.9	ng	1245040	1	6.93	366643	20.0
Benzene, 1,2,3-tr...	6.75	31.5	ng	577076	1	6.93	366643	20.0
unknown6.85	6.85	27.9	ng	511550	1	6.93	366643	20.0
Benzene, 1-ethyl-...	6.99	73.1	ng	1339640	1	6.93	366643	20.0
2-Propanol, 1-[2-...	8.74	117.5	ng	4247740	2	8.21	722984	20.0
unknown8.82	8.82	122.7	ng	4433880	2	8.21	722984	20.0
Phenol, 4-(1,1,3,...	10.94	42.7	ng	1313290	4	11.46	615144	20.0
Phenol, 2-(1,1-di...	10.98	54.1	ng	1662810	4	11.46	615144	20.0
Phenol, 4-(1,1-di...	11.01	29.7	ng	912247	4	11.46	615144	20.0
Carbamic acid, N-...	11.08	23.4	ng	718504	4	11.46	615144	20.0
Acetamide, N-meth...	11.12	22.7	ng	697475	4	11.46	615144	20.0
4-tert-Butylpheny...	11.16	43.3	ng	1331580	4	11.46	615144	20.0
Phenol, 3-(2-phen...	11.57	134.7	ng	4141670	4	11.46	615144	20.0
Ethanol, 2-[4-(1,...	12.05	30.6	ng	941534	4	11.46	615144	20.0
unknown12.09	12.09	65.3	ng	2009860	4	11.46	615144	20.0
unknown12.13	12.13	41.0	ng	1262220	4	11.46	615144	20.0
unknown12.20	12.20	93.0	ng	2860200	4	11.46	615144	20.0
Ethanol, 2-[4-(1,...	12.26	45.8	ng	1409010	4	11.46	615144	20.0
unknown12.31	12.31	22.9	ng	704766	4	11.46	615144	20.0