LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092402.D
Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

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-BF122116.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	2.495	59	62	71	rBV	35298	89881	1.67%	0.104%
2	3.455	139	146	151	rBV2	23135	90771	1.69%	0.105%
3	3.558	151	155	160	rBV3	52358	147865	2.75%	0.172%
4	3.753	168	172	179	rVB3	32797	101592	1.89%	0.118%
5	3.890	179	184	187	rBV3	33342	103947	1.93%	0.121%
6	4.633	247	249	252	rVV2	419648	766505	14.26%	0.890%
7	4.690	252	254	258	rVV2	201850	380581	7.08%	0.442%
8	4.758	258	260	264	rVB	74822	99228	1.85%	0.115%
9	4.861	267	269	274	rBV	99690	149473	2.78%	0.174%
10	4.976	277	279	281	rVB	74551	100421	1.87%	0.117%
11	5.113	289	291	298	rBV	2018458	2811662	52.31%	3.265%
12	5.261	302	304	306	rVV2	119723	169736	3.16%	0.197%
13	5.341	306	311	312	rVV3	149562	316944	5.90%	0.368%
14	5.376	312	314	318	rVB2	176757	336403	6.26%	0.391%
15	5.536	326	328	334	rVB2	164541	293304	5.46%	0.341%
16	5.627	334	336	340	rBV2	80848	129017	2.40%	0.150%
17	5.821	352	353	357	rVB	292606	481025	8.95%	0.559%
18	5.924	360	362	364	rBV2	200365	285768	5.32%	0.332%
19	5.970	364	366	369	rVB	576570	614665	11.44%	0.714%
20	6.027	369	371	377	rBV4	254885	457909	8.52%	0.532%
21	6.119	377	379	381	rBV2	72973	109155	2.03%	0.127%
22	6.176	381	384	385	rBV2	78538	137932	2.57%	0.160%
23	6.221	385	388	393	rBV	1186974	2202822	40.99%	2.558%
24	6.301	393	395	398	rBV	3899962	4464322	83.06%	5.184%
25	6.359	398	400	402	rBV2	386320	596109	11.09%	0.692%
26	6.393	402	403	405	rVB2	526296	402020	7.48%	0.467%
27	6.484	407	411	413	rBV	803281	902439	16.79%	1.048%
28	6.519	413	414	418	rVB2	1149942	1628093	30.29%	1.891%
29	6.587	418	420	425	rVB3	267650	402583	7.49%	0.467%
30	6.679	425	428	432	rBV	3936976	4509309	83.90%	5.236%
31	6.759	432	435	436	rBV3	90970	197026	3.67%	0.229%
32	6.782	436	437	442	rVB2	274696	336012	6.25%	0.390%
33	6.873	442	445	447	rBV2	541849	678111	12.62%	0.787%
34	6.907	447	448	450	rBV	91662	111638	2.08%	0.130%

LSC Area Percent Report

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Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.953	450	452	453	rBV	149012	196371	3.65%	0.228%
36	6.999	453	456	457	rVB2	111322	143660	2.67%	0.167%
37	7.102	458	465	467	rBV3	2950559	5374538	100.00%	6.241%
38	7.182	471	472	474	rBV2	226348	276138	5.14%	0.321%
39	7.216	474	475	477	rVB	297282	306227	5.70%	0.356%
40	7.250	477	478	480	rVB2	253258	278888	5.19%	0.324%
41	7.307	480	483	484	rBV3	428042	579453	10.78%	0.673%
42	7.364	486	488	490	rVB3	289237	274890	5.11%	0.319%
43	7.399	490	491	493	rVB2	104163	101768	1.89%	0.118%
44	7.444	493	495	496	rBV	273198	304094	5.66%	0.353%
45	7.536	496	503	504	rBV3	763575	2664560	49.58%	3.094%
46	7.627	509	511	515	rVB5	381224	899453	16.74%	1.044%
47	7.719	517	519	520	rBV2	162294	252366	4.70%	0.293%
48	7.764	520	523	524	rBV3	157635	269356	5.01%	0.313%
49	7.810	524	527	531	rBV3	1056590	2143323	39.88%	2.489%
50	7.867	531	532	535	rVB2	462585	529278	9.85%	0.615%
51	7.947	538	539	541	rBV2	105585	92466	1.72%	0.107%
52	7.982	541	542	543	rVB	179500	123137	2.29%	0.143%
53	8.073	545	550	551	rBV	3000153	4290879	79.84%	4.983%
54	8.096	551	552	555	rVB	2162082	2721739	50.64%	3.161%
55	8.176	557	559	564	rVB3	905051	1812987	33.73%	2.105%
56	8.256	564	566	568	rBV2	468149	883657	16.44%	1.026%
57	8.290	568	569	570	rBV	440927	413560	7.69%	0.480%
58	8.313	570	571	576	rVB3	416987	1037916	19.31%	1.205%
59	8.393	576	578	580	rVB3	173177	204541	3.81%	0.238%
60	8.427	580	581	582	rBV	475060	348883	6.49%	0.405%
61	8.450	582	583	586	rBV3	169026	362407	6.74%	0.421%
62	8.519	588	589	590	rVB	468929	321451	5.98%	0.373%
63	8.553	590	592	593	rBV	282886	332412	6.18%	0.386%
64	8.599	593	596	598	rBV4	1198287	2014212	37.48%	2.339%
65	8.633	598	599	603	rVB4	835142	1114945	20.74%	1.295%
66	8.702	603	605	607	rBV3	325674	508731	9.47%	0.591%
67	8.770	609	611	613	rBV2	433854	795171	14.80%	0.923%
68	8.816	613	615	616	rBV2	315687	302928	5.64%	0.352%
69	8.850	616	618	620	rBV2	932045	1568174	29.18%	1.821%
70	8.907	620	623	624	rVB	2701799	3717011	69.16%	4.316%
71	9.022	632	633	634	rBV	452092	506291	9.42%	0.588%

LSC Area Percent Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.227	649	651	657	rBV5	703965	2118721	39.42%	2.460%
73	9.342	657	661	663	rVV3	1382463	2158481	40.16%	2.507%
74	9.376	663	664	665	rVV	217454	180008	3.35%	0.209%
75	9.422	666	668	670	rVB3	298107	435087	8.10%	0.505%
76	9.570	678	681	683	rBV3	684902	1189410	22.13%	1.381%
77	9.662	686	689	691	rVB4	507969	750783	13.97%	0.872%
78	9.708	691	693	694	rVB2	291504	382754	7.12%	0.444%
79	9.753	694	697	698	rBV	519141	799043	14.87%	0.928%
80	9.788	698	700	701	rBV2	188611	374616	6.97%	0.435%
81	9.868	703	707	708	rBV3	194951	407170	7.58%	0.473%
82	9.902	708	710	712	rBV3	212845	314143	5.85%	0.365%
83	9.959	712	715	717	rVB3	929302	1239433	23.06%	1.439%
84	10.016	717	720	721	rVB2	530242	940407	17.50%	1.092%
85	10.062	721	724	726	rBV4	354931	523573	9.74%	0.608%
86	10.142	729	731	734	rVB2	409412	629817	11.72%	0.731%
87	10.199	734	736	737	rBV2	270747	457315	8.51%	0.531%
88	10.290	743	744	745	rBV	348900	272592	5.07%	0.317%
89	10.359	748	750	753	rVV3	1367514	2549389	47.43%	2.960%
90	10.439	755	757	759	rBV	311960	383901	7.14%	0.446%
91	10.679	776	778	780	rVB2	300611	328516	6.11%	0.381%
92	10.931	798	800	803	rBV	596132	695953	12.95%	0.808%
93	11.045	807	810	813	rVB	943984	1052420	19.58%	1.222%
94	11.628	858	861	863	rVB2	231569	323363	6.02%	0.376%
95	12.394	927	928	929	rBV	182857	172368	3.21%	0.200%
96	12.634	946	949	951	rBV	2324376	2548423	47.42%	2.959%
97	13.536	1026	1028	1031	rBV	98205	132604	2.47%	0.154%
98	13.674	1038	1040	1043	rVB	681561	675270	12.56%	0.784%
99	13.776	1046	1049	1051	rBV3	226878	635759	11.83%	0.738%
100	15.022	1156	1158	1167	rVB	555277	771056	14.35%	0.895%

Sum of corrected areas: 86114504

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
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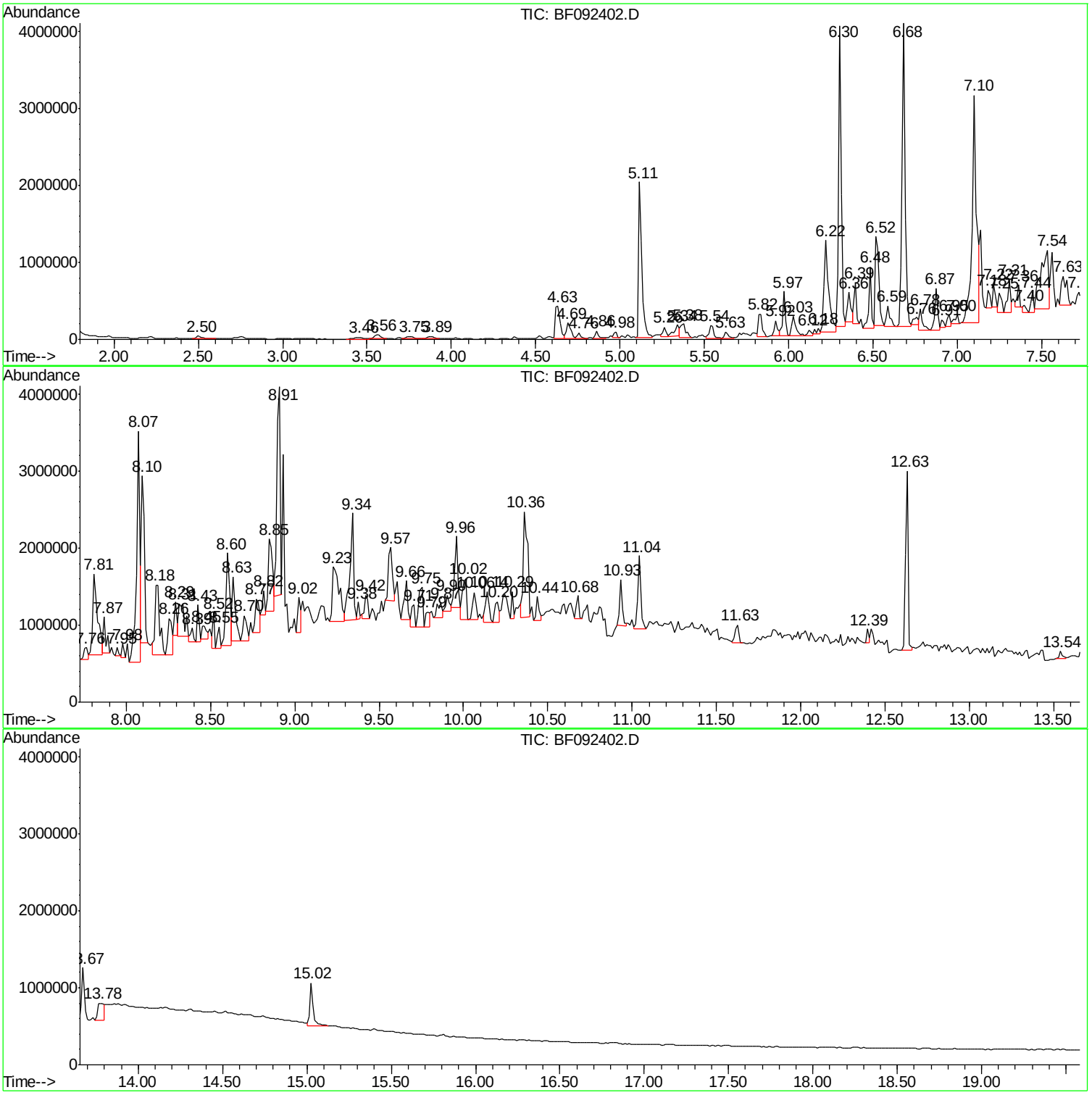
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF012017\
Data File : BF092402.D
Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

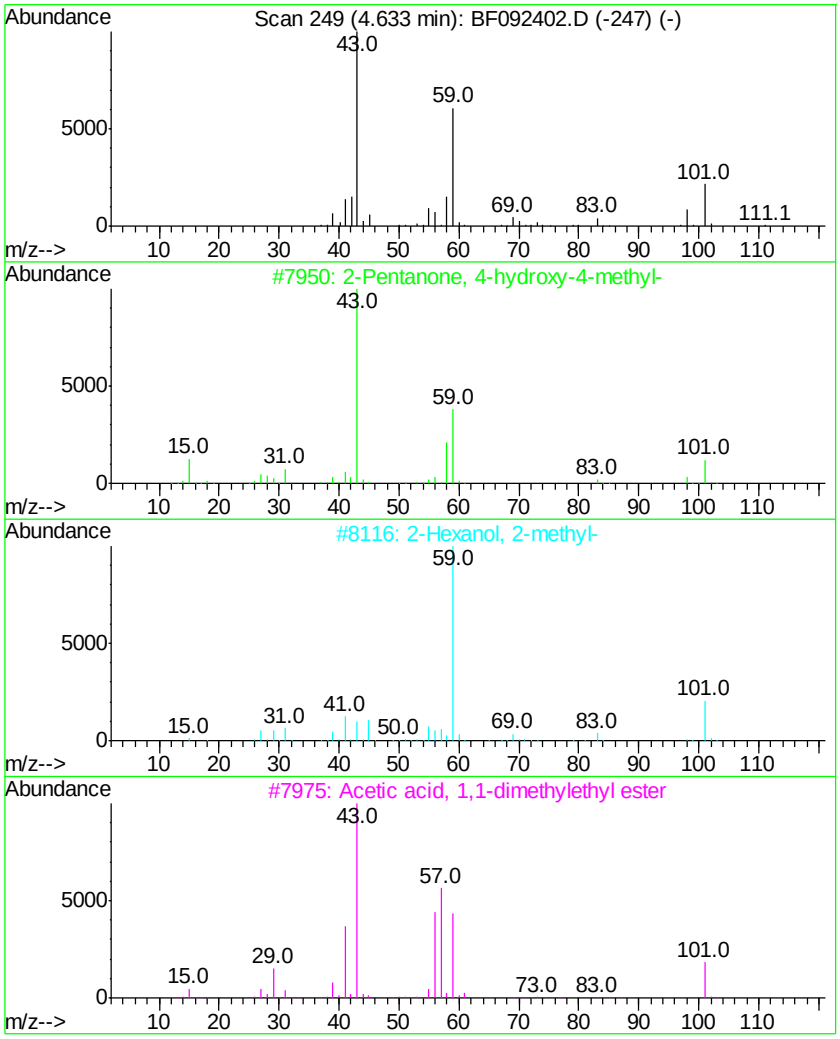
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

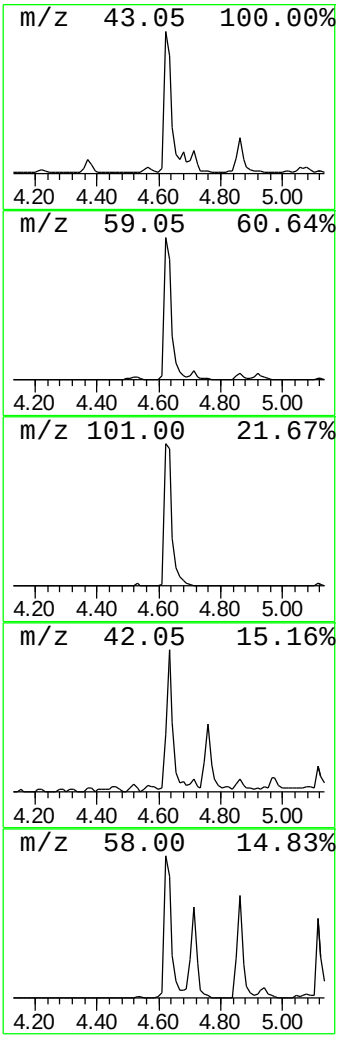
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	9.42 ng	766505	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	Pentane, 1-ethoxy-	116	C7H16O	017952-11-3	25
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
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Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

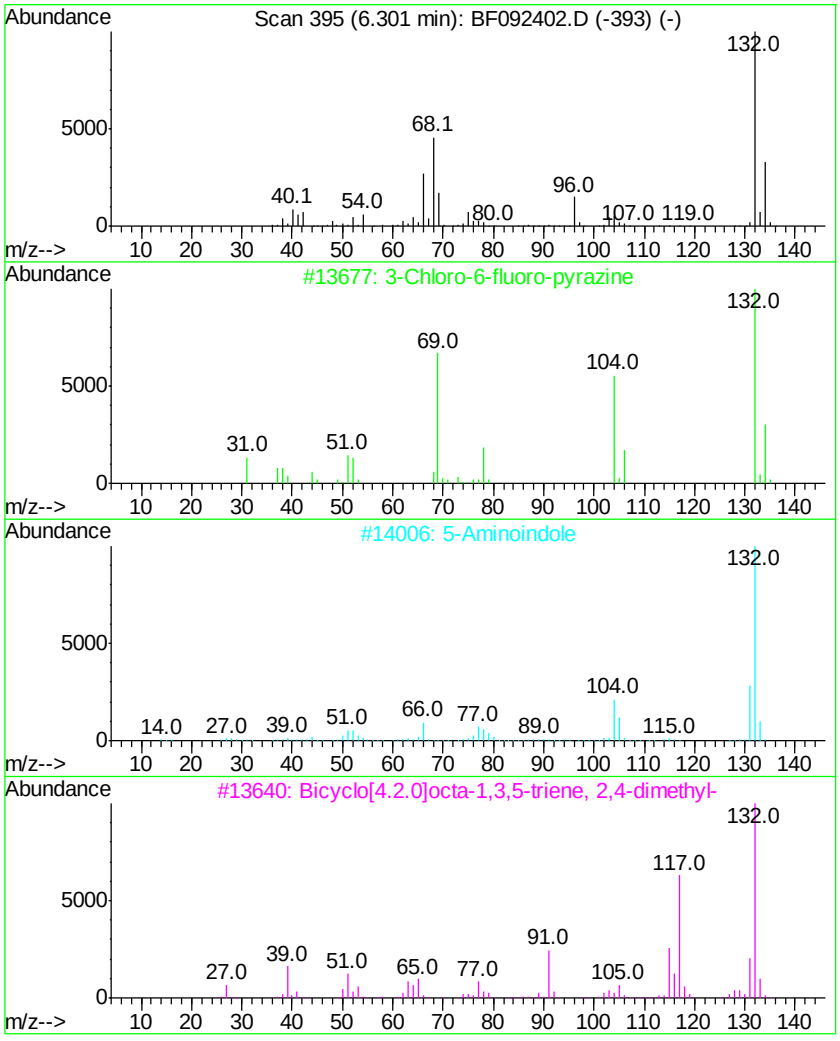
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

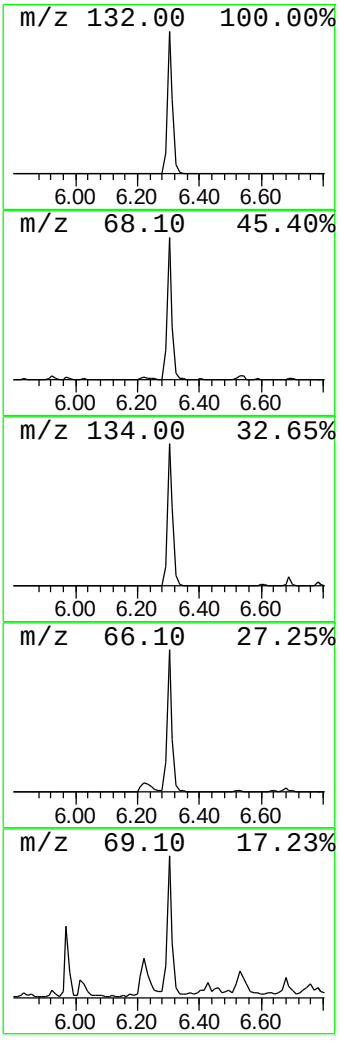
****

Peak Number 2 unknown6.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	54.84 ng	4464320	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

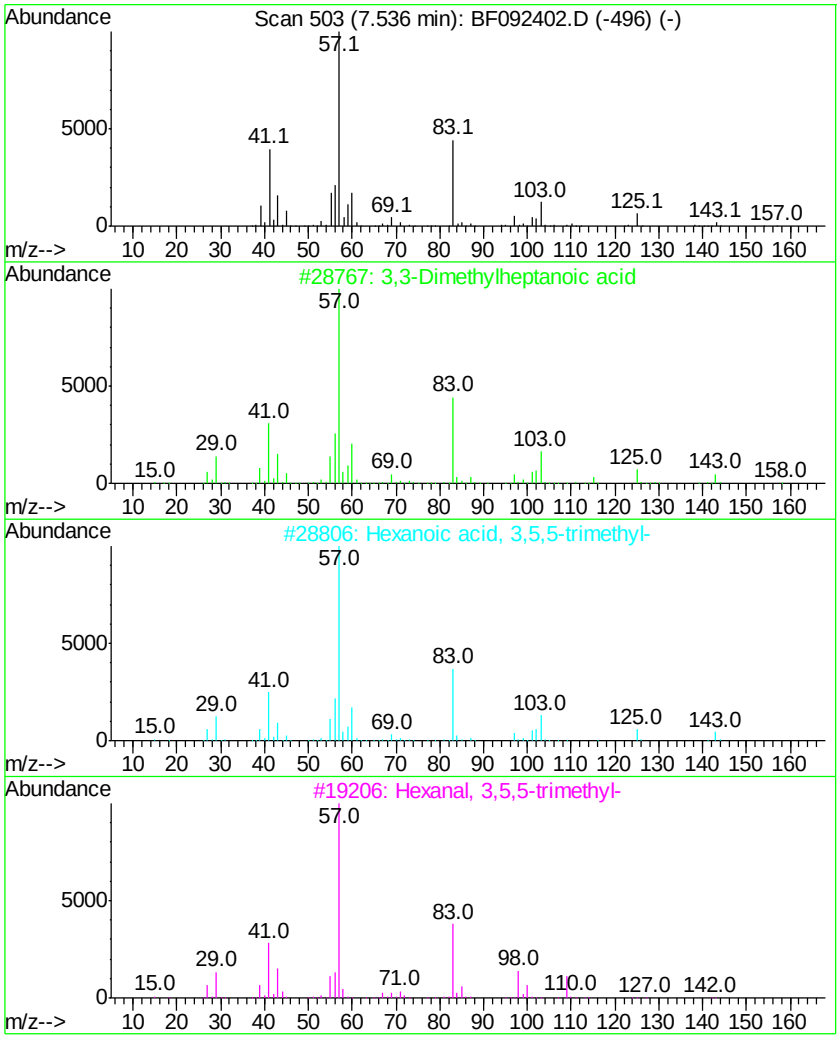
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

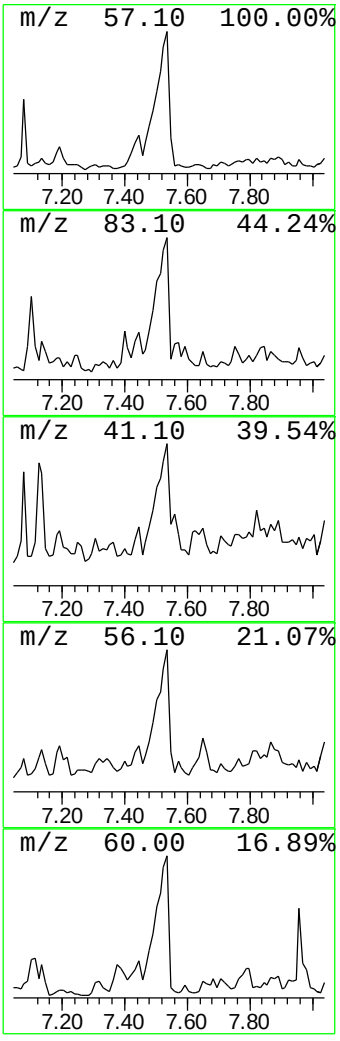
****

Peak Number 4 3,3-Dimethylheptanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	24.86 ng	2664560	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	83
3	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	32
4	Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	27
5	2,2-Dimethylpropionic acid, cycl...	184	C11H20O2	029878-49-7	17





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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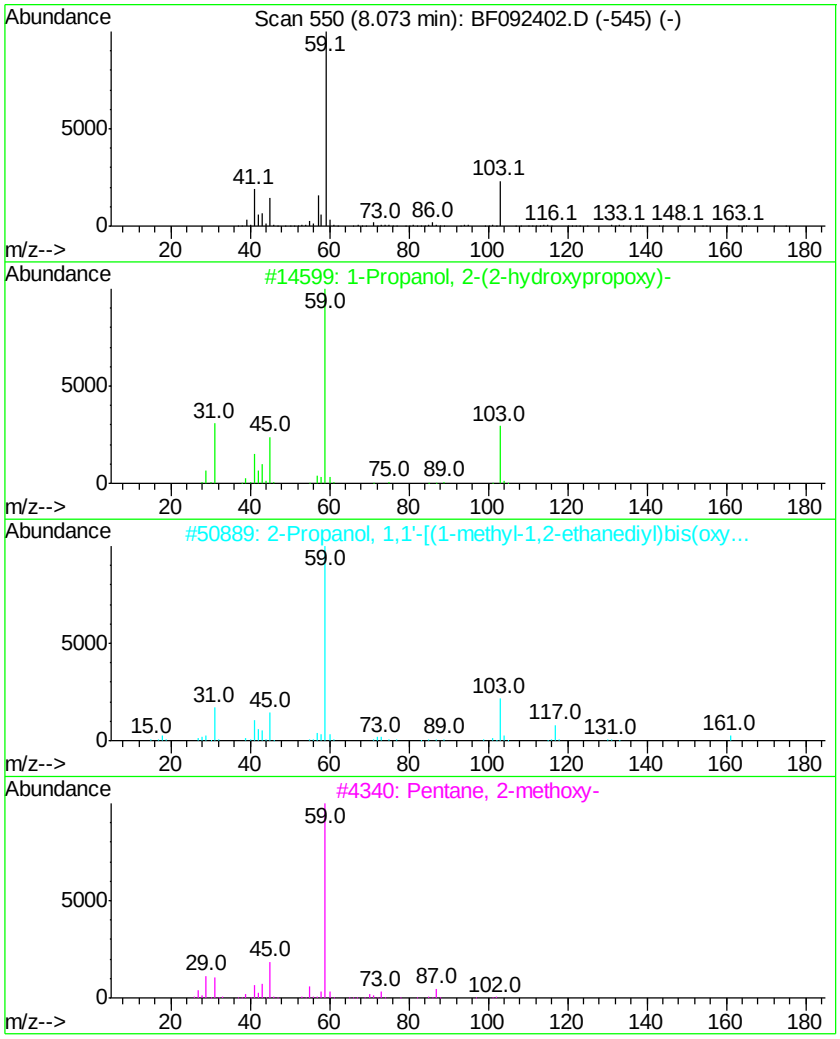
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

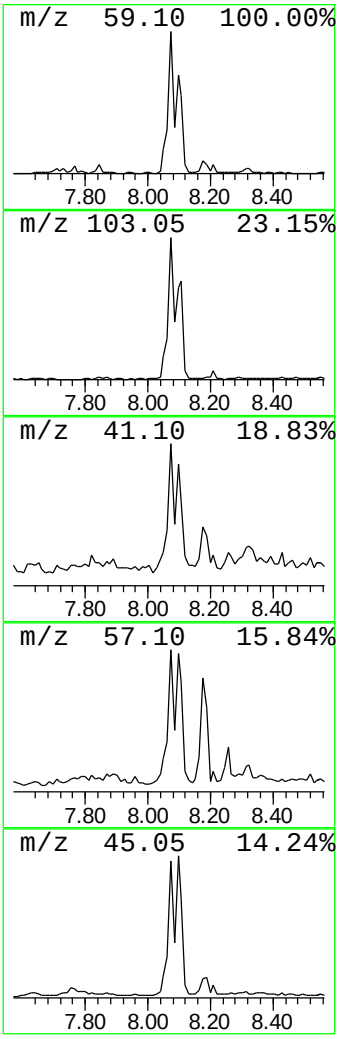
****

Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	40.04 ng	4290880	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	78
3	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	53
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	45





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Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

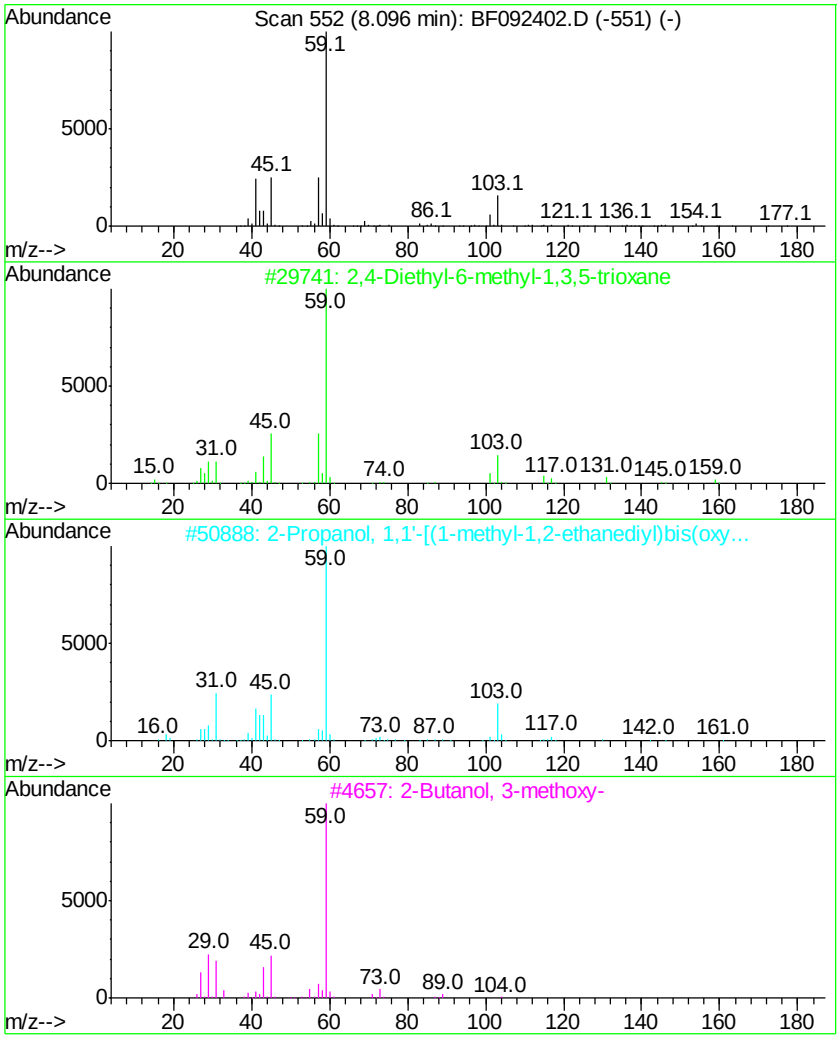
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

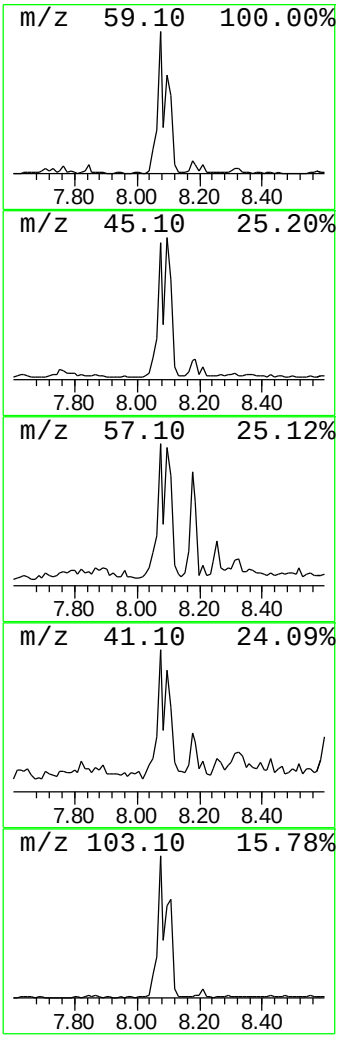
****

Peak Number 6 2,4-Diethyl-6-methyl-1,3,5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	25.40 ng	2721740	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	83
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	74
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	72
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
5	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	64





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Data File : BF092402.D
Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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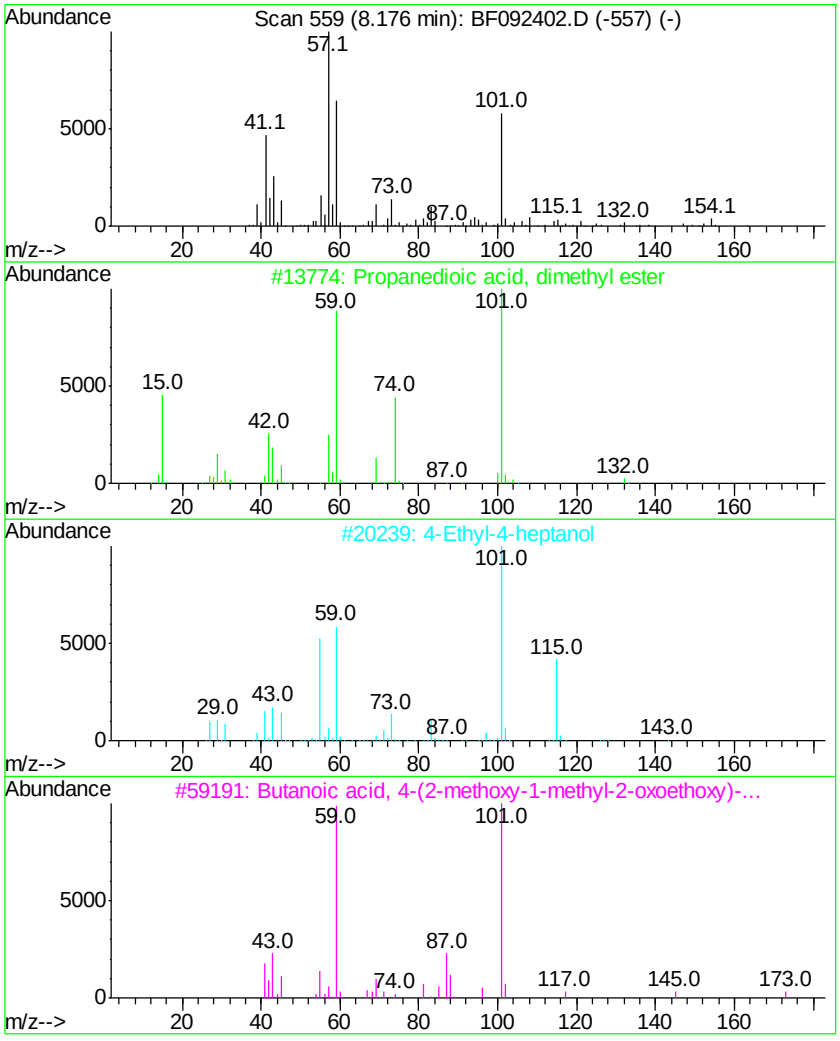
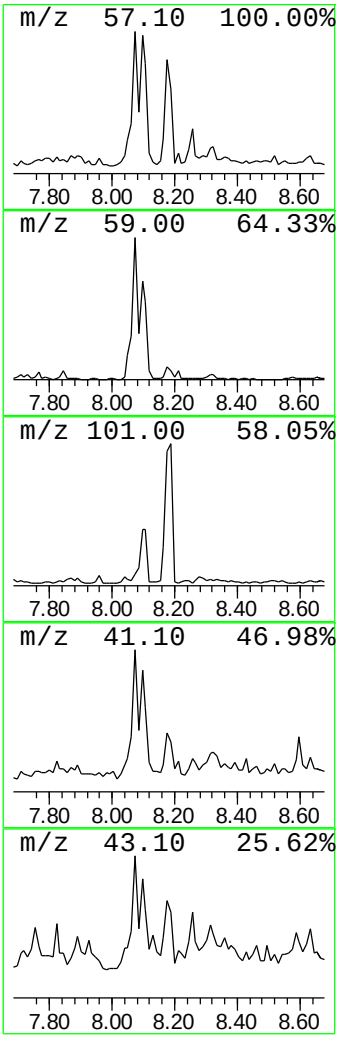
Peak Number 7 Propanedioic acid, dimethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	16.92 ng	1812990	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	52
2	4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	38
3	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	38
4	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	36
5	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	25





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Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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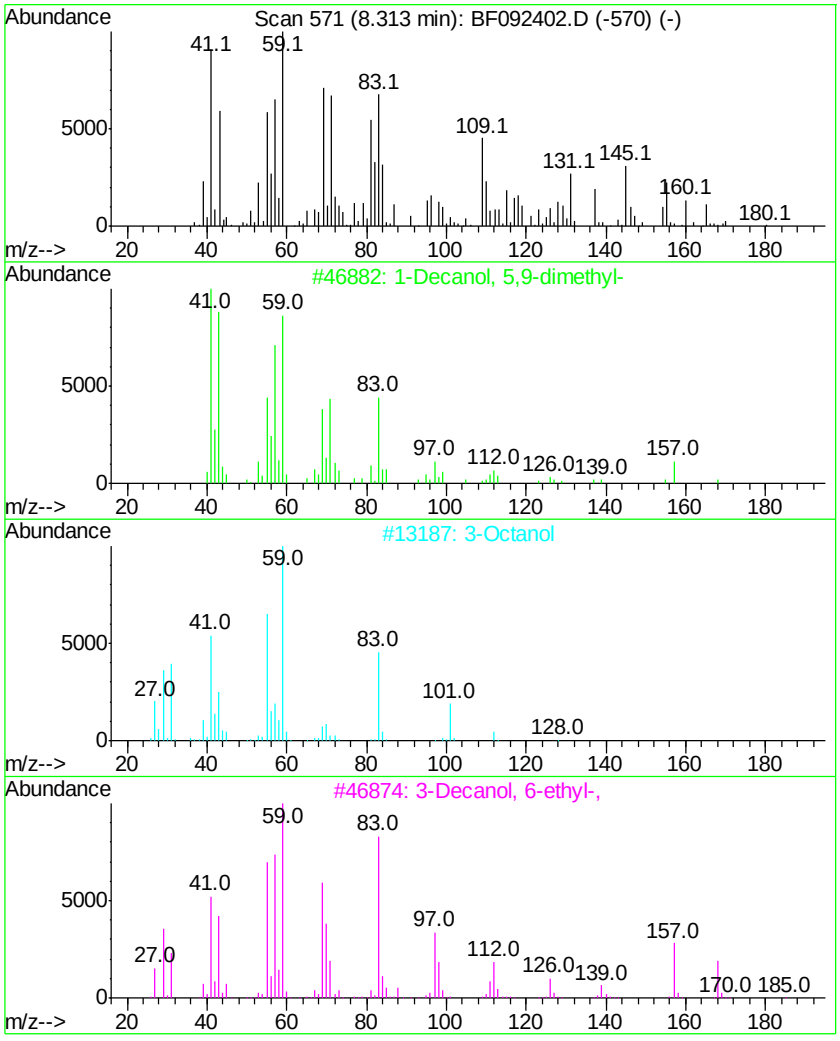
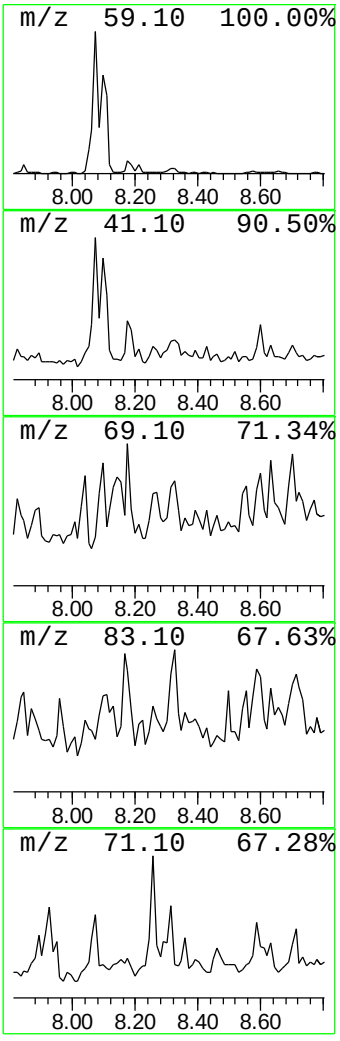
Peak Number 8 unknown8.31 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	9.69 ng	1037920	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 5,9-dimethyl-	186	C12H26O	091482-38-1	32
2	3-Octanol	130	C8H18O	000589-98-0	27
3	3-Decanol, 6-ethyl-,	186	C12H26O	019780-31-5	27
4	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	16
5	1,1-Dimethyl-2-[2-(methoxycarbon...	160	C7H16N2O2	097812-30-1	10





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Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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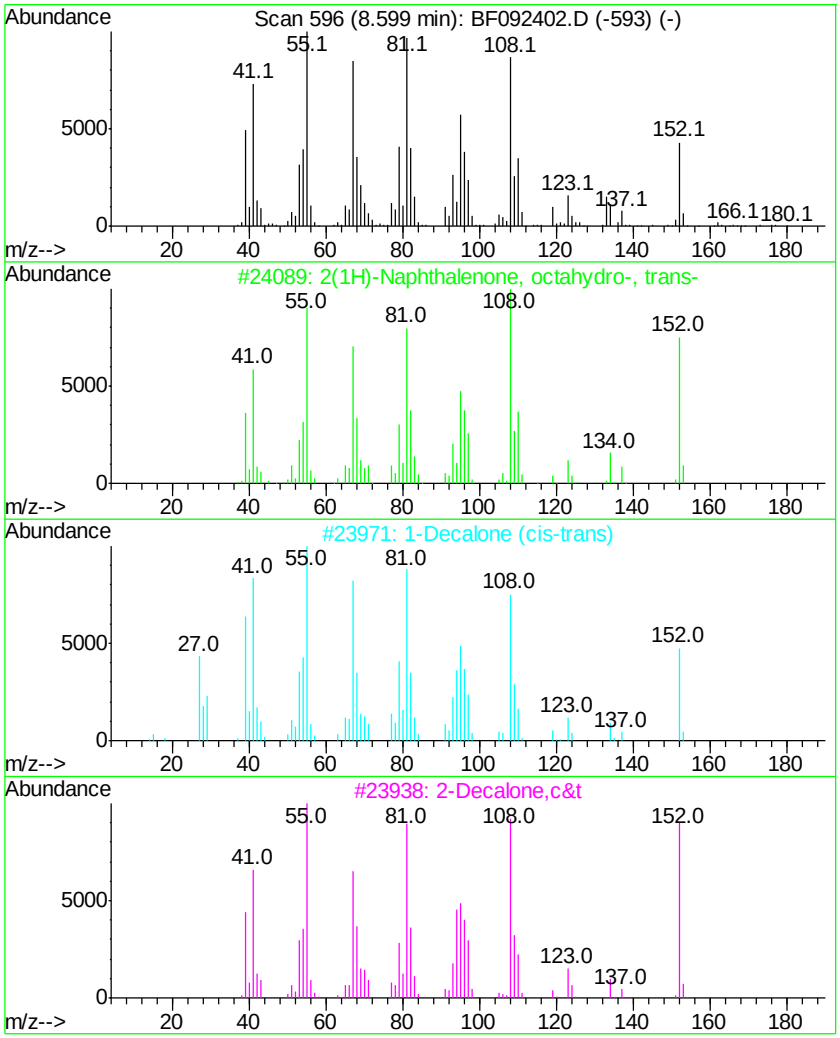
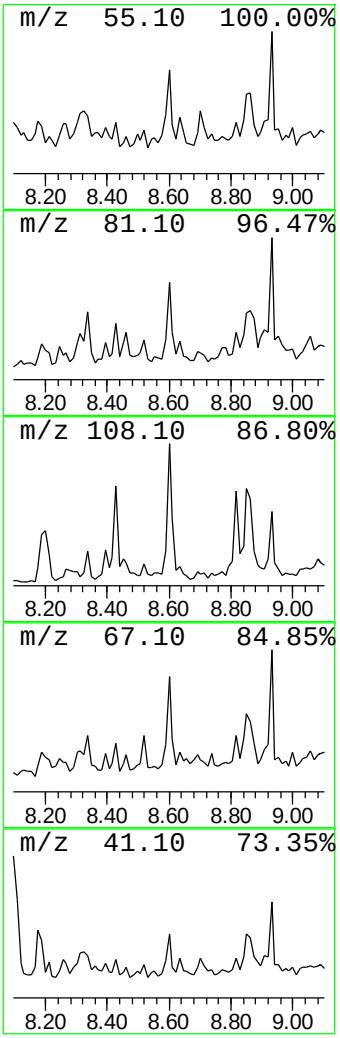
Peak Number 9 2(1H)-Naphthalenone, octahy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	18.80 ng	2014210	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	94
3	2-Decalone,c&t	152	C10H16O	004832-17-1	93
4	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	90
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86





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Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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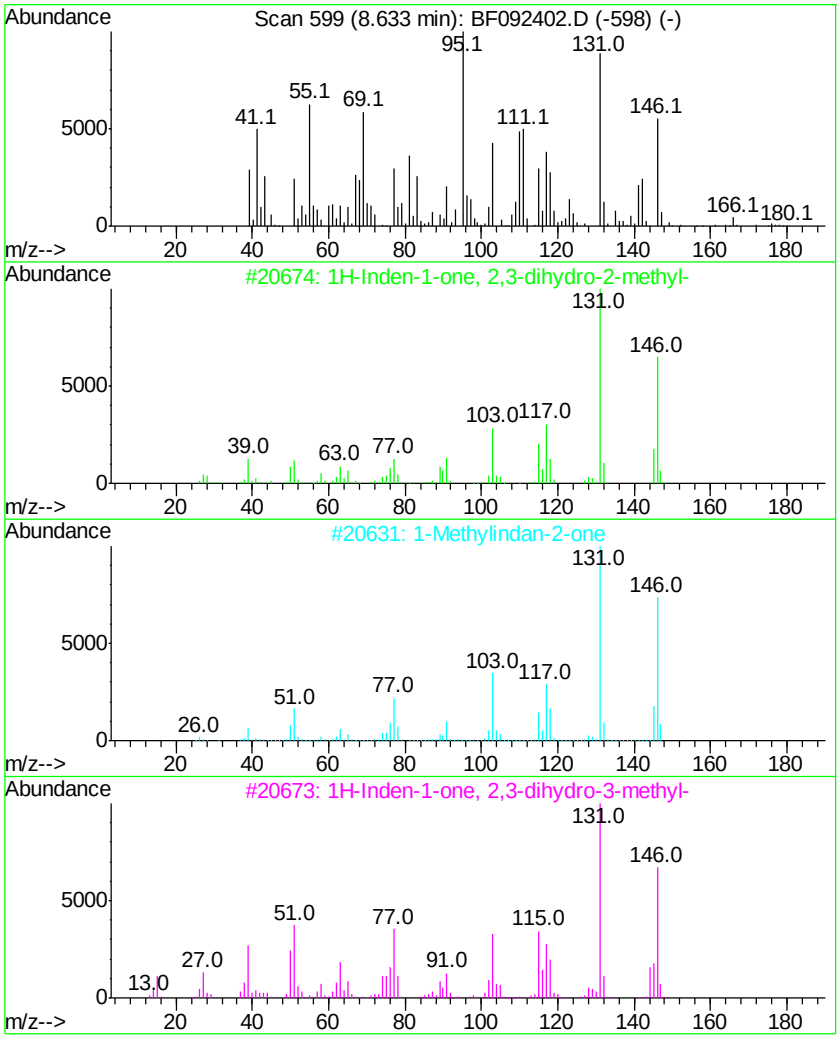
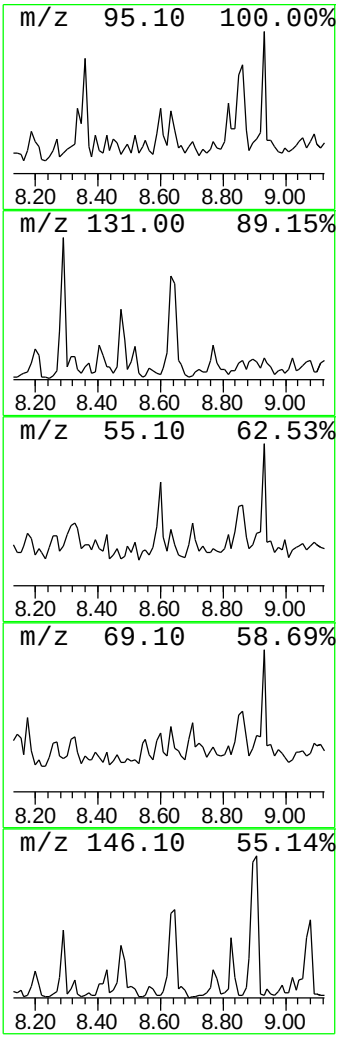
Peak Number 10 unknown8.63 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	10.40 ng	1114950	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	41
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	41
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	38
4	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	18
5	2-Propenoyl chloride, 3-phenyl-	166	C9H7ClO	000102-92-1	18





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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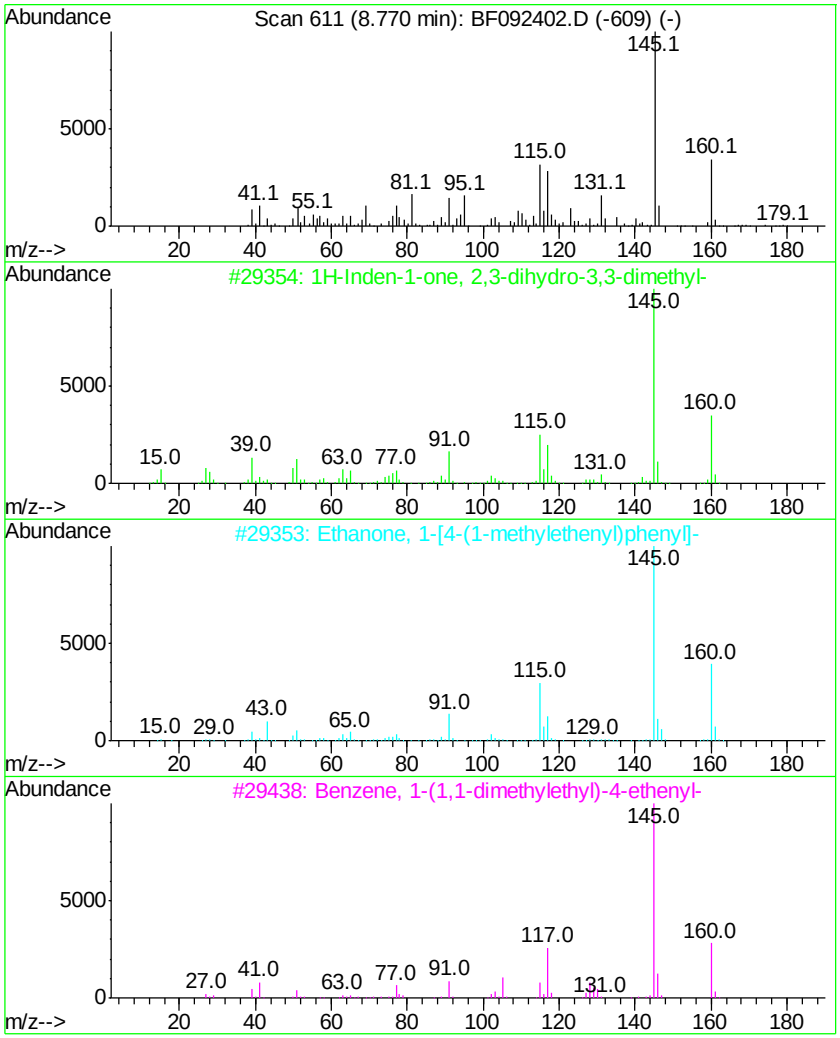
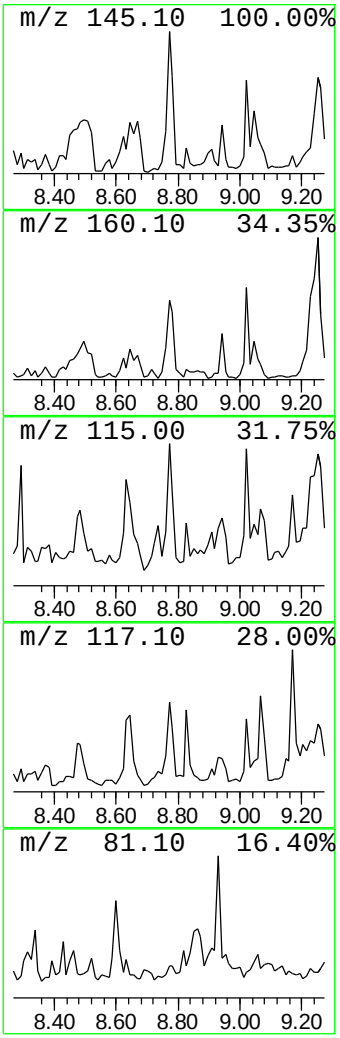
Peak Number 11 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	13.37 ng	795171	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	92
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	58
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	53
4	4-(N-Methyl-N-methoxy)indancarbo...	205	C12H15NO2	1000284-45-9	50
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50





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Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

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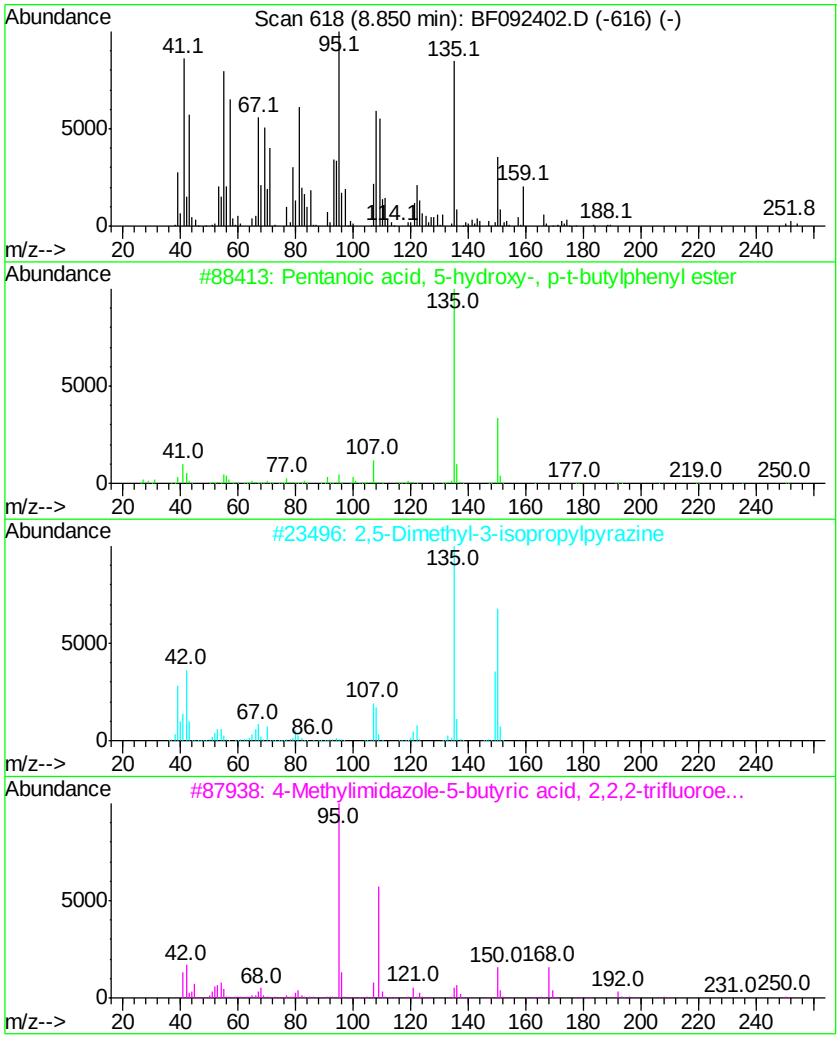
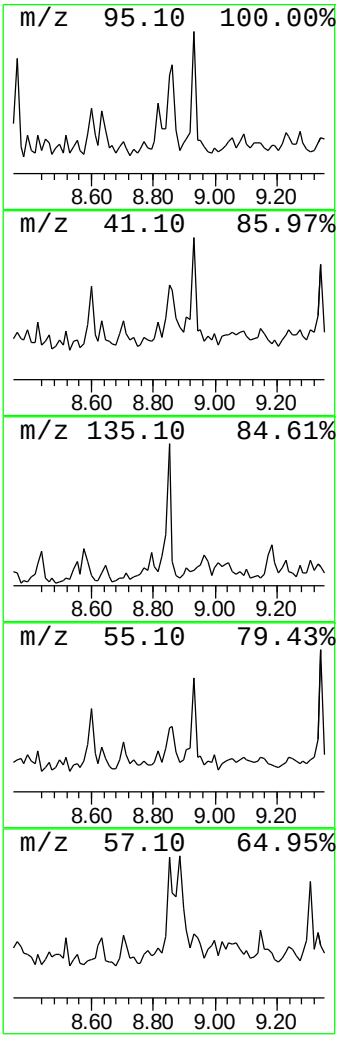
Peak Number 12 unknown8.85 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	26.37 ng	1568170	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	30
2	2,5-Dimethyl-3-isopropylpyrazine	150	C9H14N2	013610-20-3	25
3	4-Methylimidazole-5-butyric acid...	250	C10H13F3N2O2	1000129-15-9	25
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	22
5	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	18





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Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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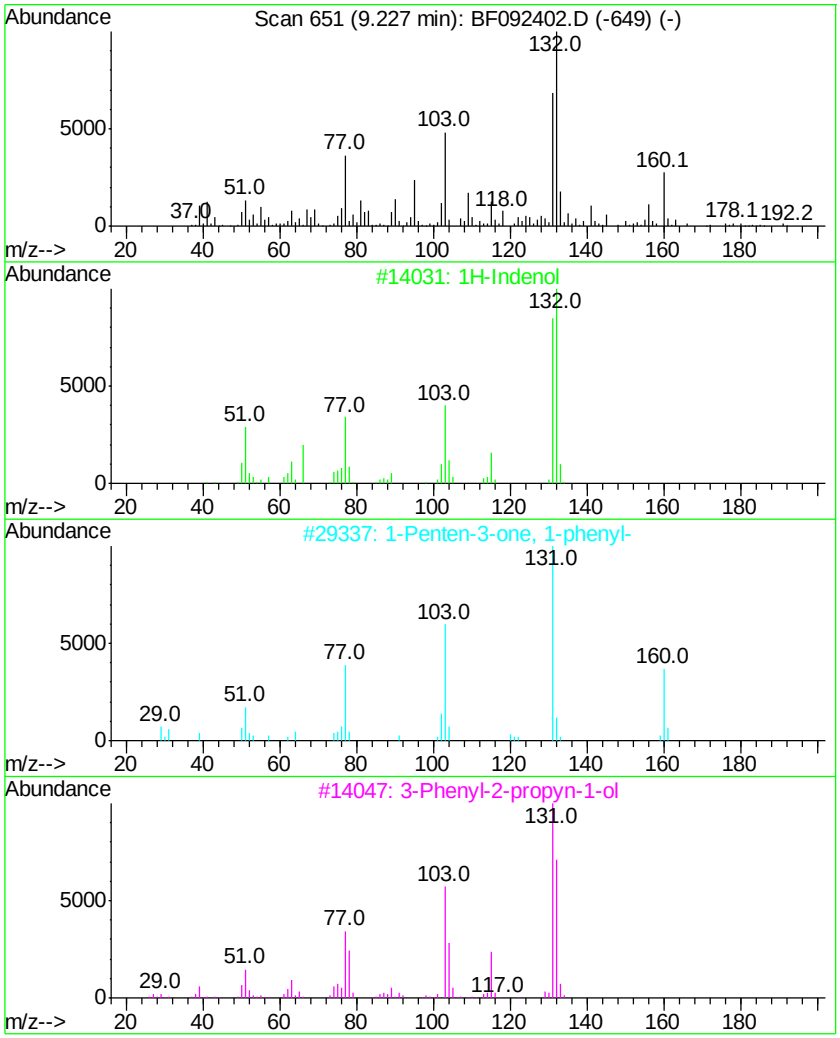
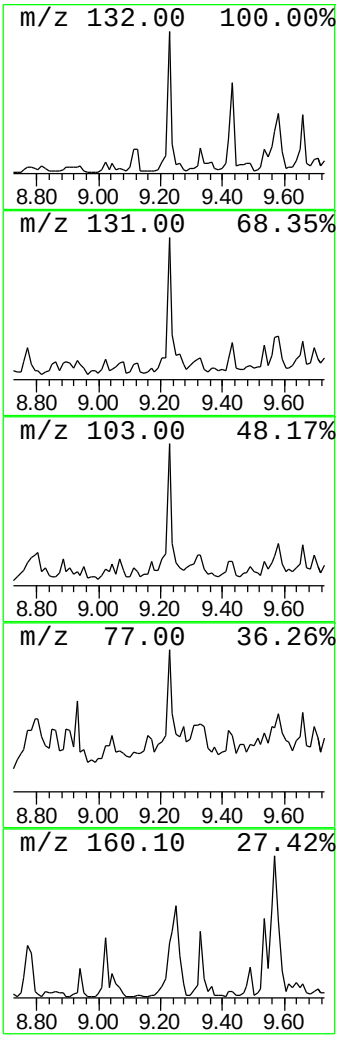
Peak Number 13 unknown6.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	35.63 ng	2118720	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indenol	132	C9H8O	056631-57-3	47
2	1-Penten-3-one, 1-phenyl-	160	C11H12O	003152-68-9	41
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	38
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	38
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	38





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-05

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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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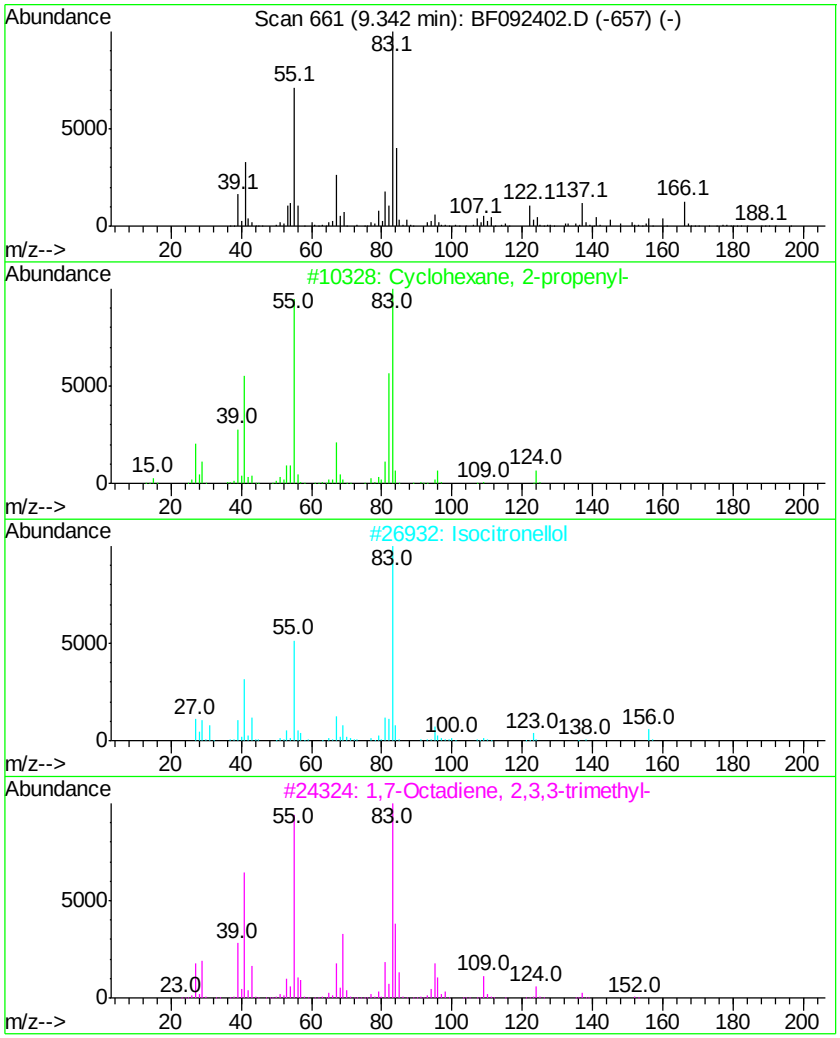
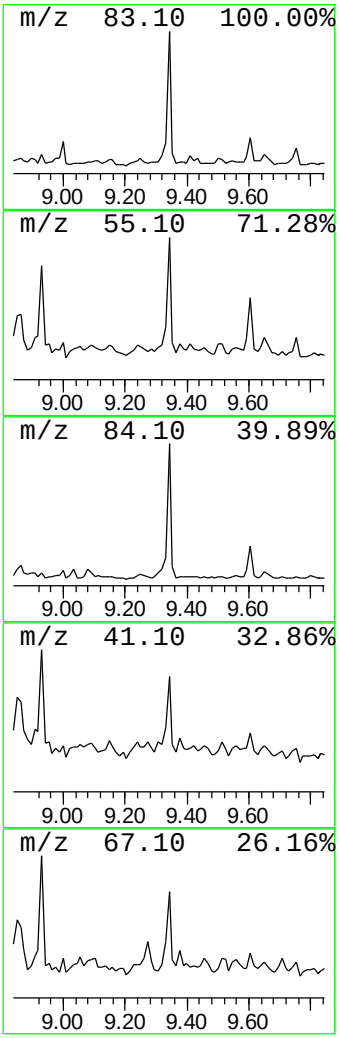
Peak Number 14 unknown9.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	36.30 ng	2158480	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
2	Isocitronellol	156	C10H20O	018479-52-2	43
3	1,7-Octadiene, 2,3,3-trimethyl-	152	C11H20	1000150-47-7	43
4	Methoxyacetic acid, cyclohexyl e...	172	C9H16O3	1000282-69-4	43
5	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	43





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Sample : I1266-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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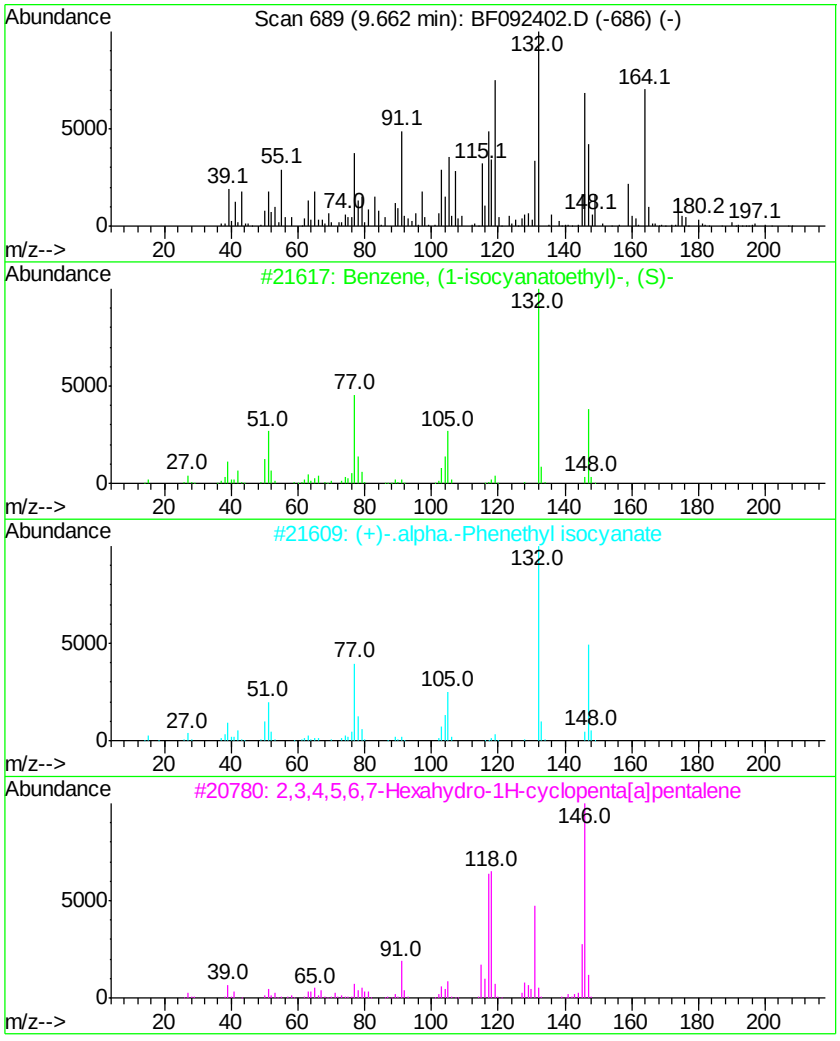
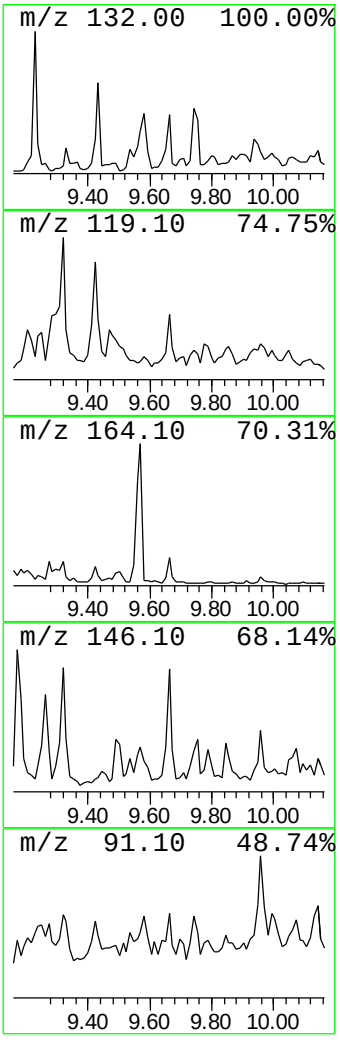
Peak Number 15 unknown9.66 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	12.62 ng	750783	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-isocyanatoethyl)-, (S)-	147	C9H9NO	014649-03-7	35
2	(+)-.alpha.-Phenethyl isocyanate	147	C9H9NO	033375-06-3	35
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	35
4	7-Methylindan-1-one	146	C10H10O	039627-61-7	35
5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	30





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Instrument : BNA_F
ClientSampleId : MW-05

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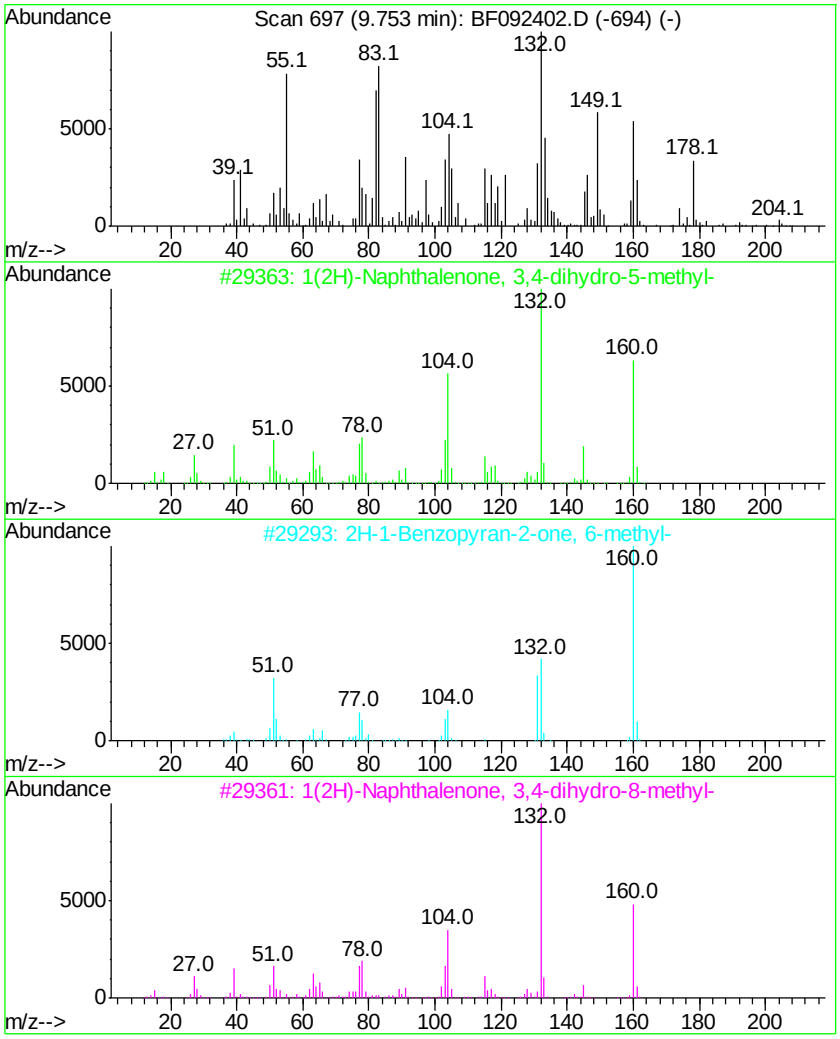
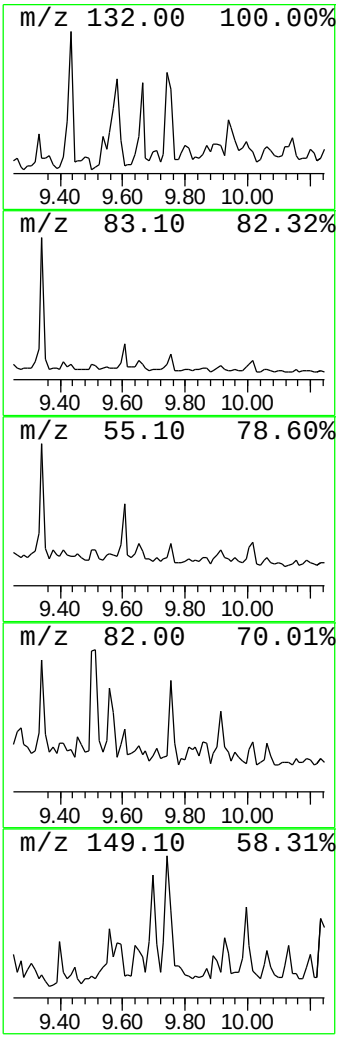
Peak Number 16 unknown9.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	13.44 ng	799043	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	42
2	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	30
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	30
4	Ethyl 2,6-dimethylbenzoate	178	C11H14O2	036596-67-5	25
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





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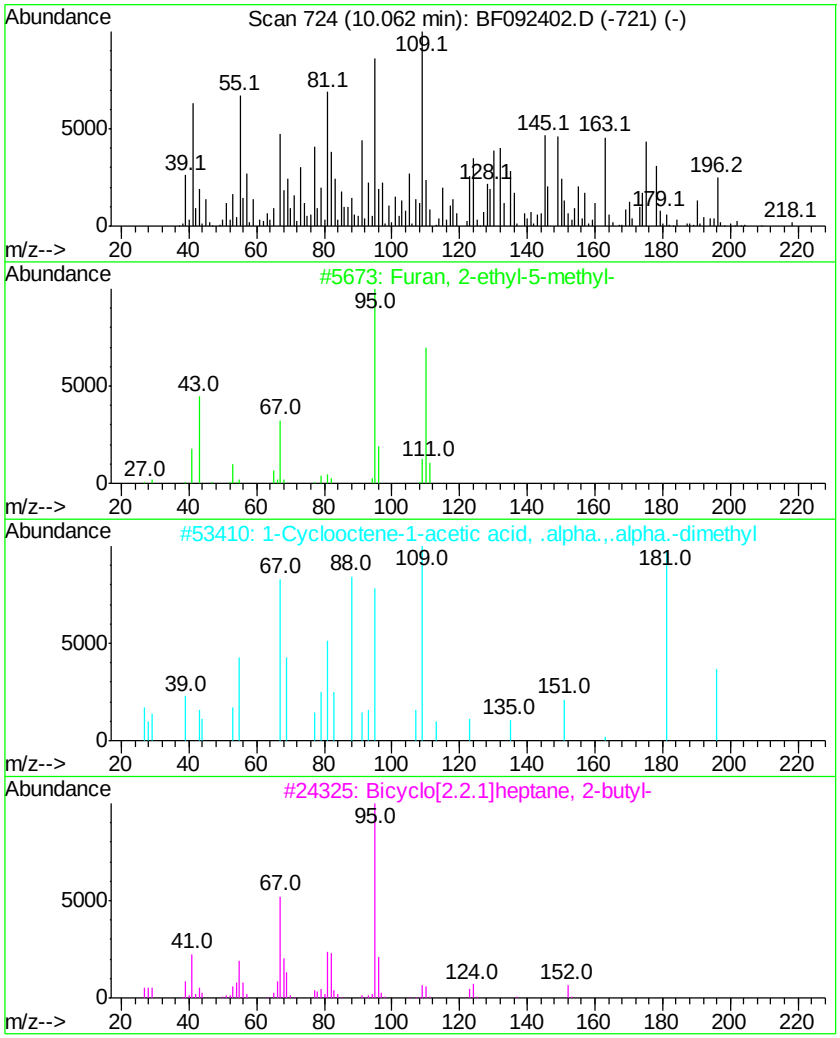
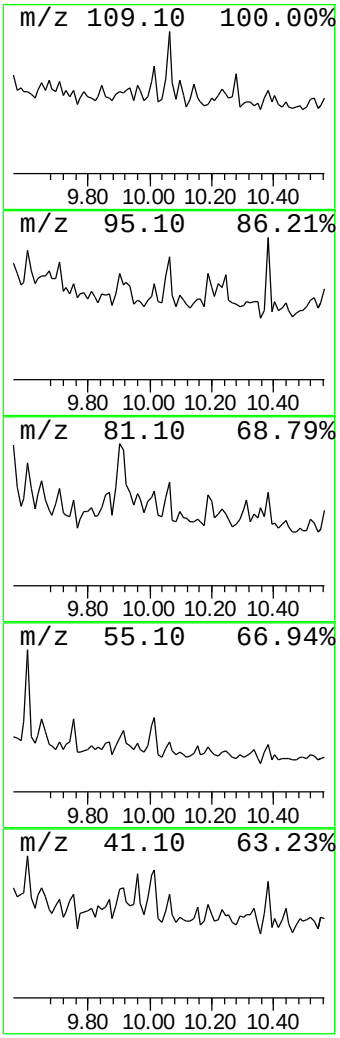
Peak Number 17 unknown10.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	8.80 ng	523573	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	11
2	1-Cyclooctene-1-acetic acid, .al...	196	C12H20O2	038477-10-0	11
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	10
4	1-Chloro-1,1-dimethyl-4,4,4,-tri...	230	C10H19ClSi2	080153-57-7	10
5	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	10





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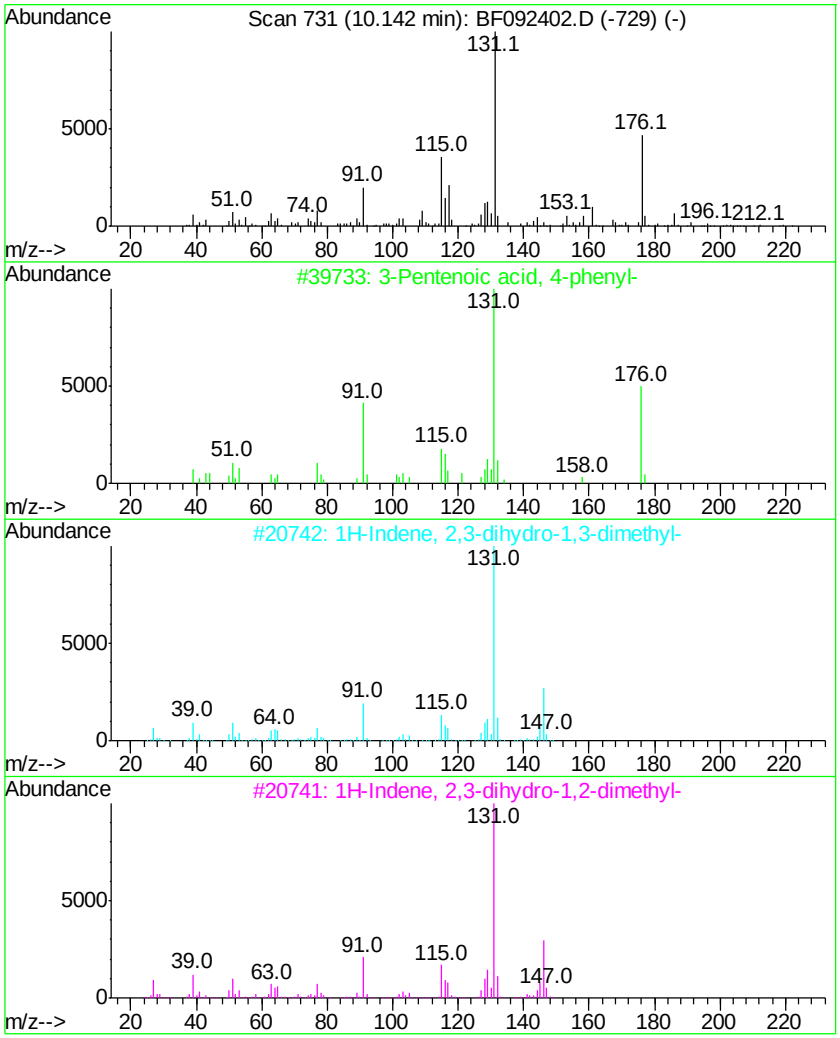
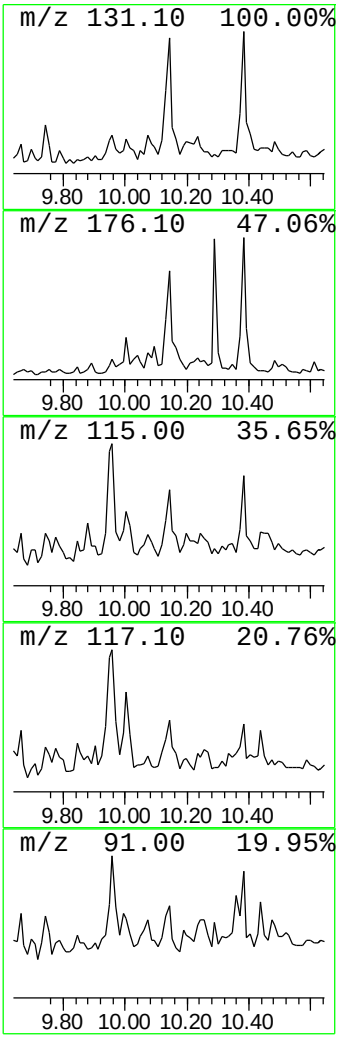
Peak Number 18 3-Pentenoic acid, 4-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	10.59 ng	629817	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	74
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	47
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092402.D
Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

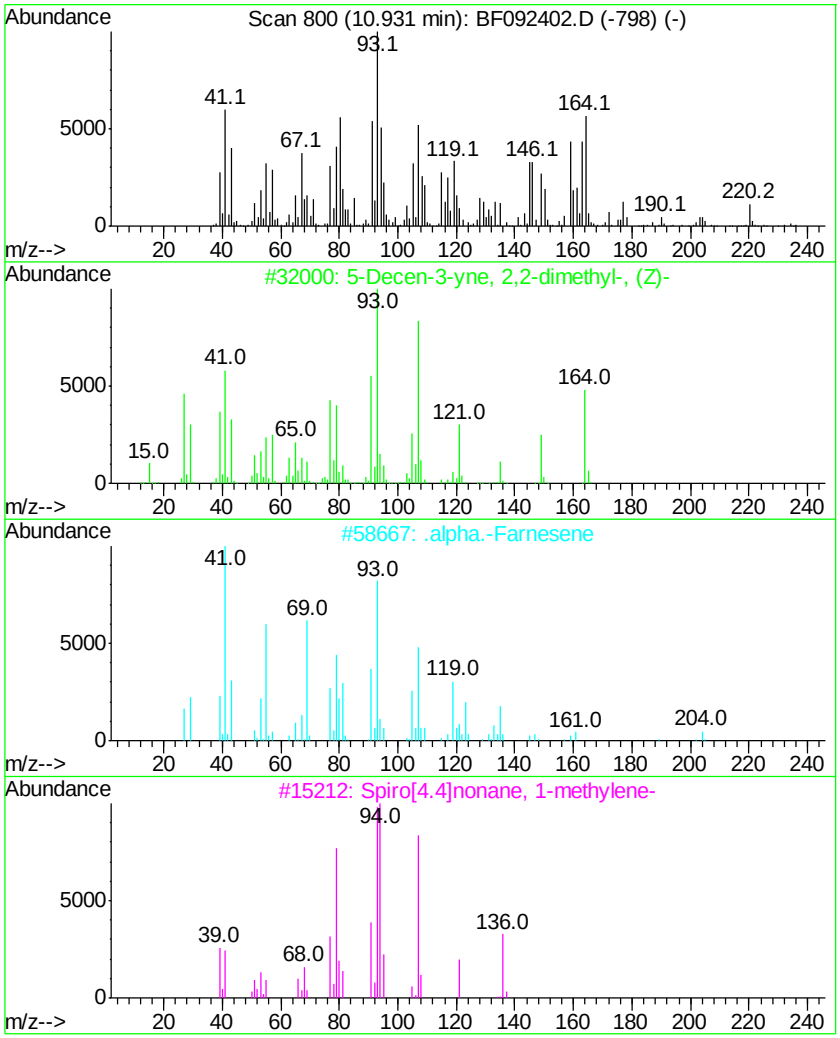
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

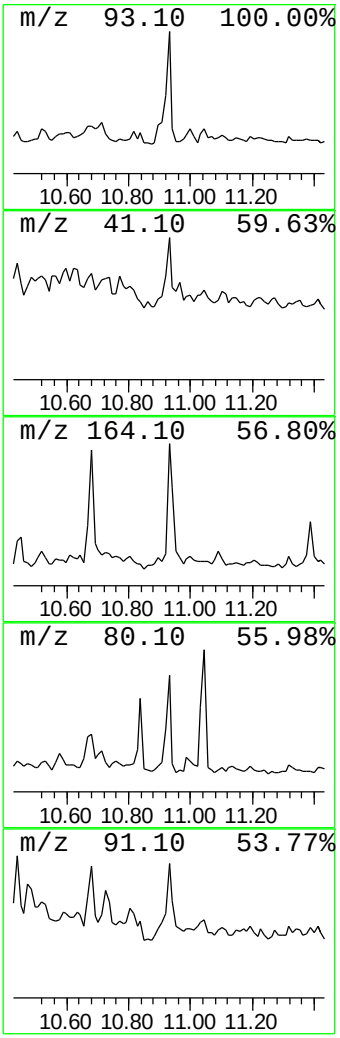
****

Peak Number 19 unknown10.93 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	13.23 ng	695953	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Decen-3-yne, 2,2-dimethyl-, (Z)-	164	C12H20	055669-91-5	38
2	.alpha.-Farnesene	204	C15H24	000502-61-4	38
3	Spiro[4.4]nonane, 1-methylene-	136	C10H16	019144-06-0	22
4	Bicyclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	18
5	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092402.D
Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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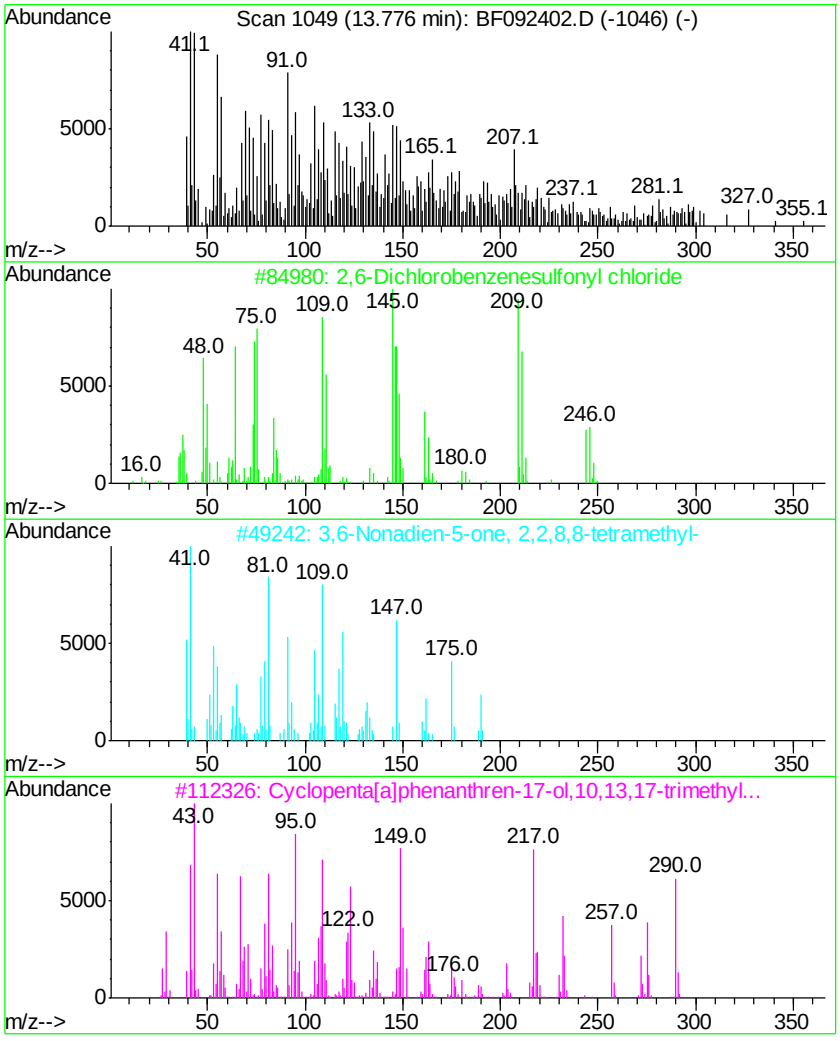
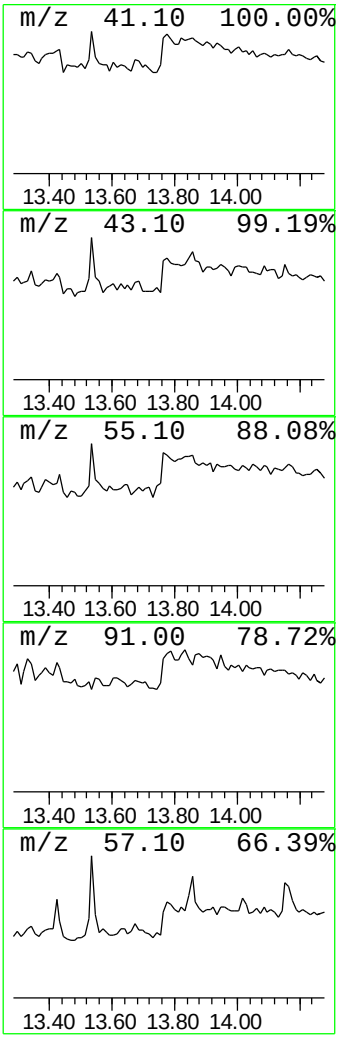
Peak Number 20 2,6-Dichlorobenzenesulfonyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	18.83 ng	635759	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dichlorobenzenesulfonyl chlo...	244	C6H3Cl3O2S	006579-54-0	90
2	3,6-Nonadien-5-one, 2,2,8,8-tetr...	190	C13H18O	035845-67-1	56
3	Cyclopenta[a]phenanthren-17-ol,1...	290	C20H34O	1000197-98-8	44
4	Cyclopropanecarboxylic acid, 1-(...	294	C10H8Cl2O4S	1000276-67-8	44
5	Picrotoxinin	292	C15H16O6	017617-45-7	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092402.D
Acq On : 21 Jan 2017 7:24
Operator : UM/SJ
Sample : I1266-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.63	9.4	ng	766505	1	6.52	1628090	20.0
unknown6.30	6.30	54.8	ng	4464320	1	6.52	1628090	20.0
3,3-Dimethylhepta...	7.54	24.9	ng	2664560	2	7.81	2143320	20.0
1-Propanol, 2-(2-...	8.07	40.0	ng	4290880	2	7.81	2143320	20.0
2,4-Diethyl-6-met...	8.10	25.4	ng	2721740	2	7.81	2143320	20.0
Propanedioic acid...	8.18	16.9	ng	1812990	2	7.81	2143320	20.0
unknown8.31	8.31	9.7	ng	1037920	2	7.81	2143320	20.0
2(1H)-Naphthaleno...	8.60	18.8	ng	2014210	2	7.81	2143320	20.0
unknown8.63	8.63	10.4	ng	1114950	2	7.81	2143320	20.0
1H-Inden-1-one, 2...	8.77	13.4	ng	795171	3	9.57	1189410	20.0
unknown8.85	8.85	26.4	ng	1568170	3	9.57	1189410	20.0
unknown6.23	9.23	35.6	ng	2118720	3	9.57	1189410	20.0
unknown9.34	9.34	36.3	ng	2158480	3	9.57	1189410	20.0
unknown9.66	9.66	12.6	ng	750783	3	9.57	1189410	20.0
unknown9.75	9.75	13.4	ng	799043	3	9.57	1189410	20.0
unknown10.06	10.06	8.8	ng	523573	3	9.57	1189410	20.0
3-Pentenoic acid,...	10.14	10.6	ng	629817	3	9.57	1189410	20.0
unknown10.93	10.93	13.2	ng	695953	4	11.04	1052420	20.0
2,6-Dichlorobenze...	13.78	18.8	ng	635759	5	13.67	675270	20.0