LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093754.D
Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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	2.127	19	21	32	rVB3	19743	67794	1.17%	0.080%
2	5.019	272	274	278	rVB	397632	470779	8.12%	0.555%
3	5.442	308	311	313	rBV	2874864	2748090	47.42%	3.241%
4	5.682	329	332	334	rBV	90272	91445	1.58%	0.108%
5	5.853	343	347	348	rBV	77003	86769	1.50%	0.102%
6	6.299	384	386	388	rBV	60507	59050	1.02%	0.070%
7	6.356	388	391	394	rBV	44666	78935	1.36%	0.093%
8	6.402	394	395	398	rVB	144851	128813	2.22%	0.152%
9	6.470	398	401	403	rBV	2158716	2051518	35.40%	2.420%
10	6.539	403	407	408	rVB	210483	233754	4.03%	0.276%
11	6.607	411	413	416	rBV	3397349	4949822	85.42%	5.838%
12	6.676	417	419	421	rBV	393481	323778	5.59%	0.382%
13	6.847	431	434	436	rBV	1550526	1406642	24.27%	1.659%
14	6.905	438	439	445	rVV	477665	545922	9.42%	0.644%
15	7.007	445	448	449	rVV	4568294	4691263	80.96%	5.533%
16	7.030	449	450	452	rVV	160336	141166	2.44%	0.166%
17	7.099	454	456	458	rBV	119568	169304	2.92%	0.200%
18	7.133	458	459	461	rVB	51383	58886	1.02%	0.069%
19	7.179	461	463	467	rBV3	91854	227743	3.93%	0.269%
20	7.247	467	469	471	rBV	219332	218613	3.77%	0.258%
21	7.350	476	478	480	rVB2	96703	128135	2.21%	0.151%
22	7.407	480	483	489	rVB	3222224	4300761	74.22%	5.073%
23	7.499	489	491	493	rBV3	142856	204765	3.53%	0.242%
24	7.545	493	495	496	rBV2	121730	161451	2.79%	0.190%
25	7.579	496	498	499	rVB2	47714	62723	1.08%	0.074%
26	7.625	499	502	503	rBV	304503	346853	5.99%	0.409%
27	7.647	503	504	507	rVB	406438	427632	7.38%	0.504%
28	7.739	510	512	514	rBV2	105330	174399	3.01%	0.206%
29	7.807	514	518	521	rVB4	252251	580738	10.02%	0.685%
30	7.876	521	524	526	rBV	1087768	1227698	21.19%	1.448%
31	7.910	526	527	529	rBV2	248151	228167	3.94%	0.269%
32	7.956	529	531	534	rVB4	230420	407940	7.04%	0.481%
33	8.013	534	536	537	rBV2	135391	182828	3.16%	0.216%
34	8.036	537	538	540	rVB2	158326	179778	3.10%	0.212%

LSC Area Percent Report

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Acq On : 18 Mar 2017 15:22
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Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.093	540	543	544	rBV3	213971	384645	6.64%	0.454%
36	8.128	544	546	550	rBV	1952119	2232780	38.53%	2.633%
37	8.333	559	564	566	rBV2	383689	600624	10.37%	0.708%
38	8.379	566	568	569	rVV2	281628	367234	6.34%	0.433%
39	8.413	569	571	574	rVB3	312982	546725	9.43%	0.645%
40	8.459	574	575	577	rBV2	51126	85577	1.48%	0.101%
41	8.493	577	578	579	rBV	77737	62835	1.08%	0.074%
42	8.516	579	580	584	rVV3	266335	625849	10.80%	0.738%
43	8.573	584	585	586	rVV	311126	280769	4.85%	0.331%
44	8.608	586	588	589	rVB	333569	394383	6.81%	0.465%
45	8.642	589	591	592	rBV	464306	494177	8.53%	0.583%
46	8.722	594	598	600	rVB3	752149	1161483	20.04%	1.370%
47	8.768	600	602	603	rBV2	130025	226574	3.91%	0.267%
48	8.790	603	604	606	rVV2	295957	282401	4.87%	0.333%
49	8.836	606	608	609	rVV2	257730	294102	5.08%	0.347%
50	8.870	609	611	612	rVB	435203	419307	7.24%	0.495%
51	8.893	612	613	615	rBV2	60639	102386	1.77%	0.121%
52	8.939	615	617	618	rBV	1682314	1595296	27.53%	1.882%
53	8.996	620	622	623	rVB2	150753	200518	3.46%	0.237%
54	9.042	625	626	628	rVB2	137043	120965	2.09%	0.143%
55	9.076	628	629	632	rBV2	158209	268847	4.64%	0.317%
56	9.133	632	634	635	rVB	886819	990057	17.09%	1.168%
57	9.168	635	637	638	rBV	520861	641006	11.06%	0.756%
58	9.213	638	641	642	rVV	5563654	5794657	100.00%	6.835%
59	9.236	642	643	646	rVB2	625204	661799	11.42%	0.781%
60	9.293	646	648	649	rBV	942995	789734	13.63%	0.931%
61	9.328	649	651	652	rVB2	138439	182537	3.15%	0.215%
62	9.362	652	654	658	rBV2	804622	1125714	19.43%	1.328%
63	9.465	658	663	667	rBV	1821288	2669501	46.07%	3.149%
64	9.545	667	670	674	rVB3	1138310	2158977	37.26%	2.546%
65	9.625	674	677	679	rBV3	824570	1482449	25.58%	1.748%
66	9.671	679	681	683	rVB2	463818	769545	13.28%	0.908%
67	9.739	685	687	689	rBV	507079	585142	10.10%	0.690%
68	9.785	689	691	694	rVB3	575386	808920	13.96%	0.954%
69	9.842	694	696	697	rBV	386805	353315	6.10%	0.417%
70	9.888	697	700	702	rBV	2274488	3013409	52.00%	3.554%
71	9.968	702	707	709	rBV2	1031507	1750628	30.21%	2.065%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-1

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.048	712	714	716	rBV3	543522	978643	16.89%	1.154%
73	10.093	716	718	720	rBV2	531332	763295	13.17%	0.900%
74	10.196	725	727	729	rVV2	568725	783932	13.53%	0.925%
75	10.242	729	731	732	rVB2	153804	148261	2.56%	0.175%
76	10.311	734	737	738	rVB	716712	709587	12.25%	0.837%
77	10.379	738	743	746	rBV6	349589	747205	12.89%	0.881%
78	10.425	746	747	748	rBV	223272	266259	4.59%	0.314%
79	10.493	752	753	756	rVB3	564047	731300	12.62%	0.863%
80	10.551	756	758	759	rBV	462656	520103	8.98%	0.613%
81	10.676	764	769	771	rVV2	2655511	4020482	69.38%	4.742%
82	10.711	771	772	775	rVB3	221949	261319	4.51%	0.308%
83	10.813	776	781	783	rVB3	643500	1159999	20.02%	1.368%
84	11.008	796	798	801	rVB4	186523	218383	3.77%	0.258%
85	11.282	820	822	825	rVB2	322363	525070	9.06%	0.619%
86	11.362	827	829	831	rVB	1741997	1433922	24.75%	1.691%
87	11.591	848	849	854	rVB5	158590	320792	5.54%	0.378%
88	11.911	875	877	880	rVB2	353087	474093	8.18%	0.559%
89	12.151	896	898	899	rBV2	132794	177785	3.07%	0.210%
90	12.345	913	915	918	rVB3	151966	248314	4.29%	0.293%
91	12.402	918	920	922	rBV2	125626	226371	3.91%	0.267%
92	12.688	943	945	947	rVB	259436	230784	3.98%	0.272%
93	12.951	965	968	970	rBV	4411298	4678128	80.73%	5.518%
94	13.397	1006	1007	1008	rBV	89143	69563	1.20%	0.082%
95	13.419	1008	1009	1013	rVB	104909	145829	2.52%	0.172%
96	13.854	1044	1047	1051	rVB	147976	193713	3.34%	0.228%
97	13.991	1056	1059	1061	rBV	1590003	1659110	28.63%	1.957%
98	15.397	1179	1182	1185	rBV	906302	1204111	20.78%	1.420%

Sum of corrected areas: 84785174

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093754.D
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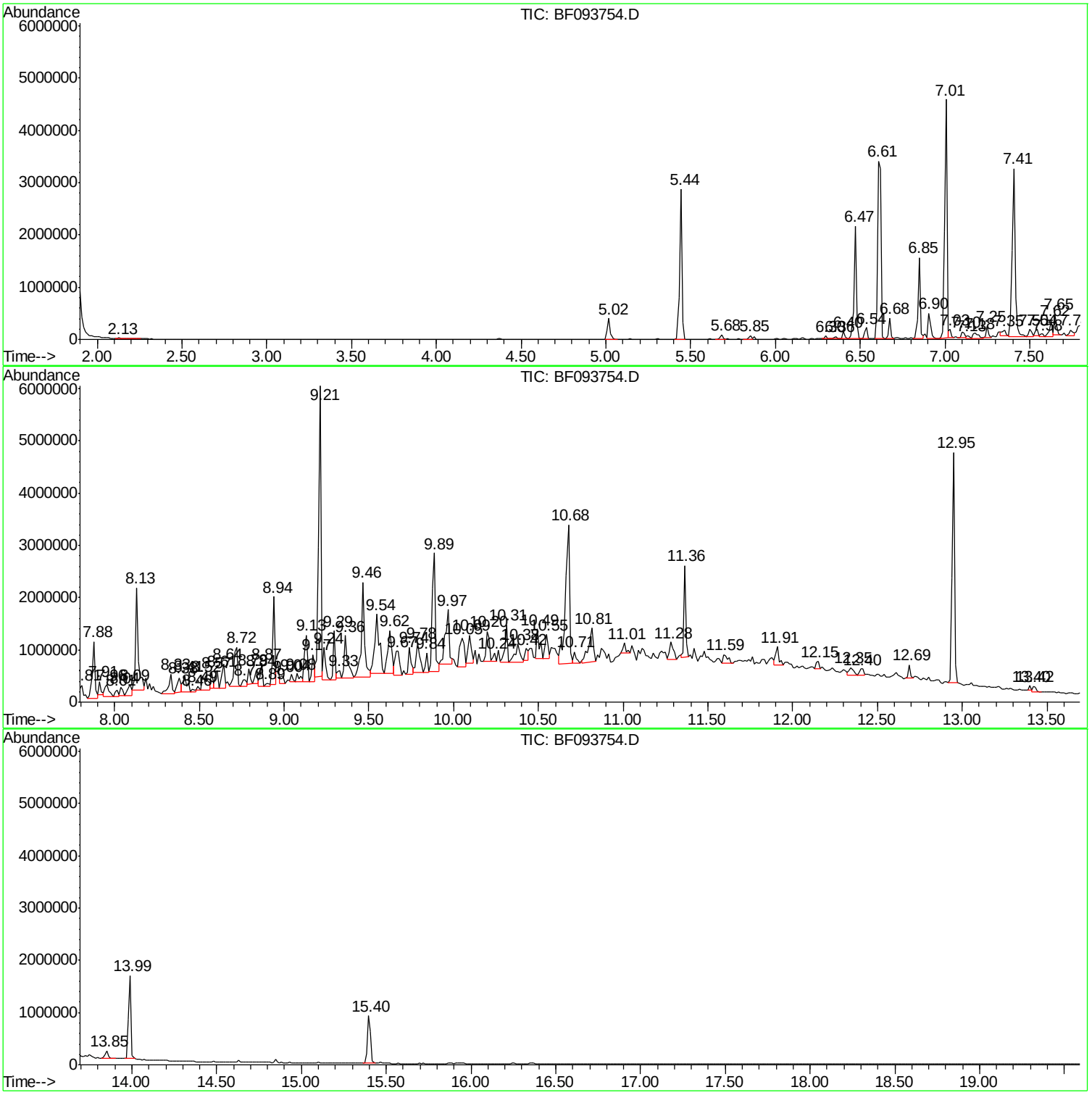
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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\BF031817\
Data File : BF093754.D
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Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

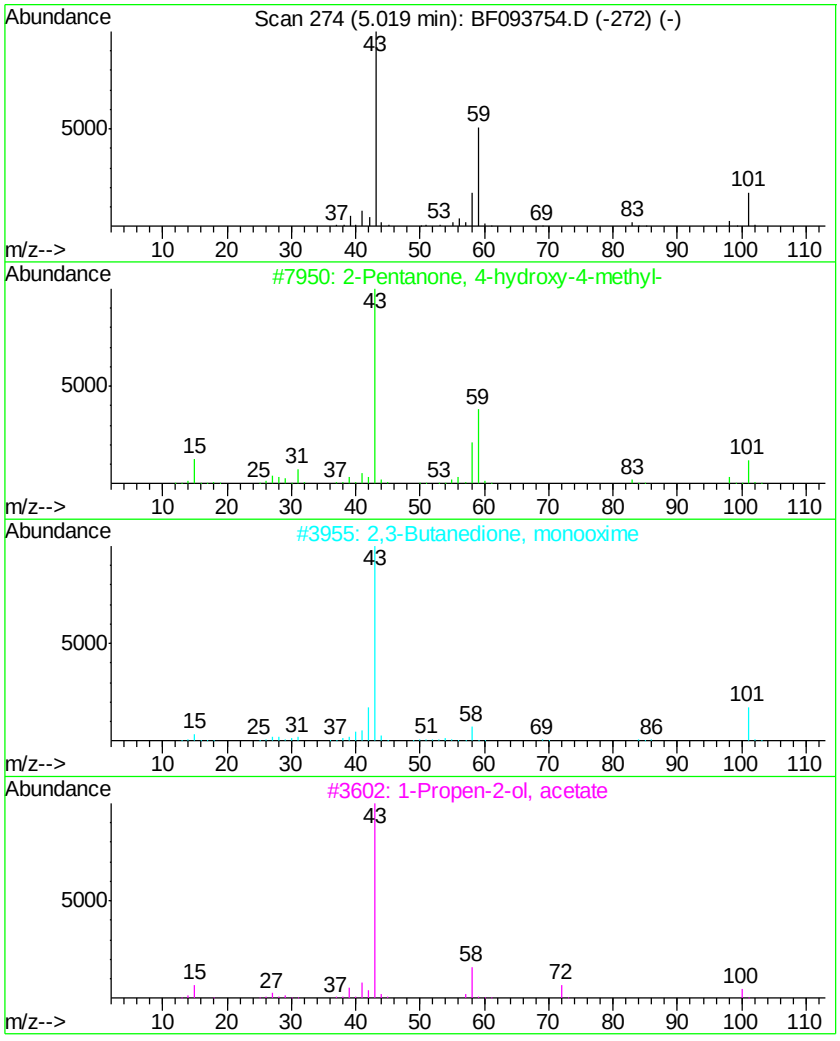
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

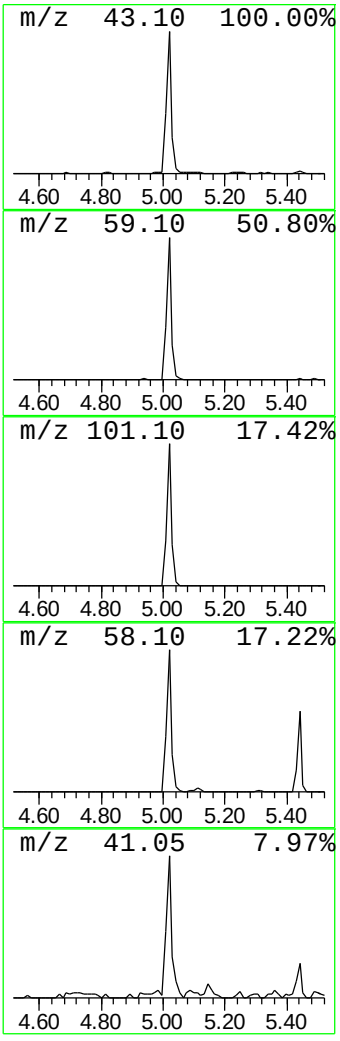
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	6.69 ng	470779	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Data File : BF093754.D
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Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

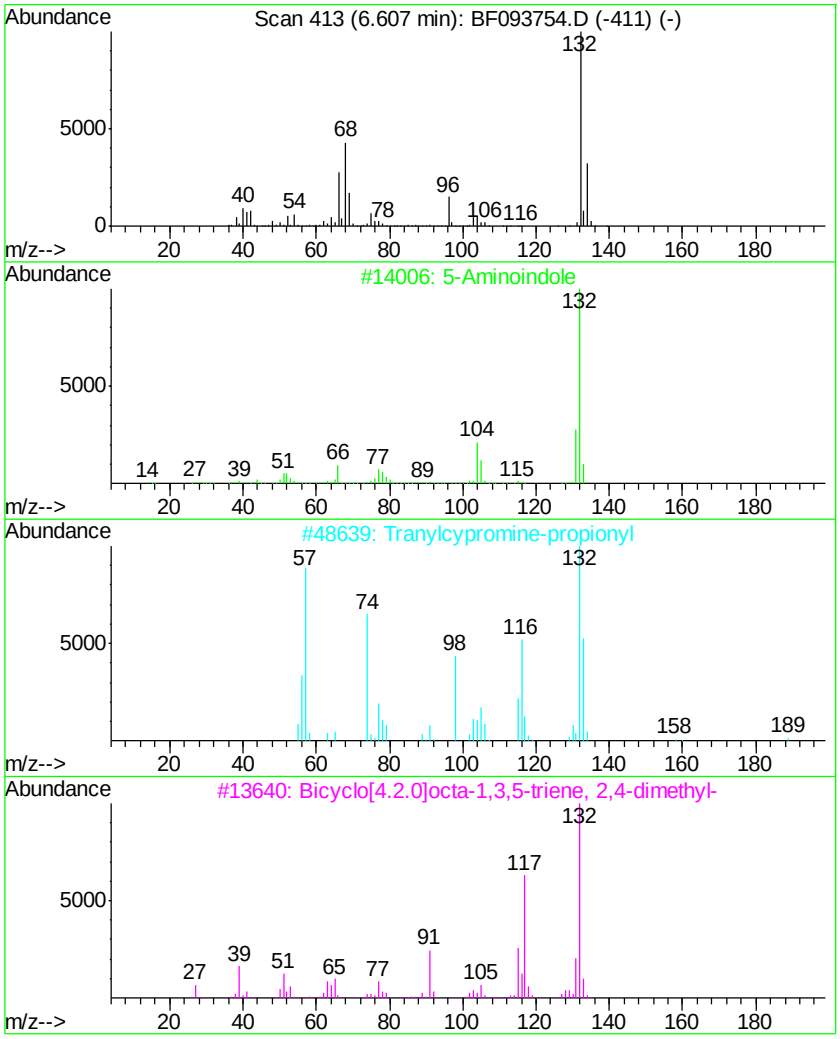
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

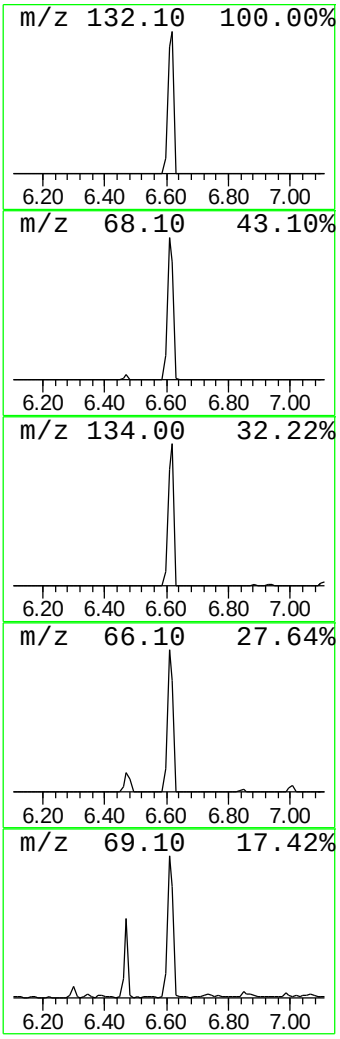
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.38 ng	4949820	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

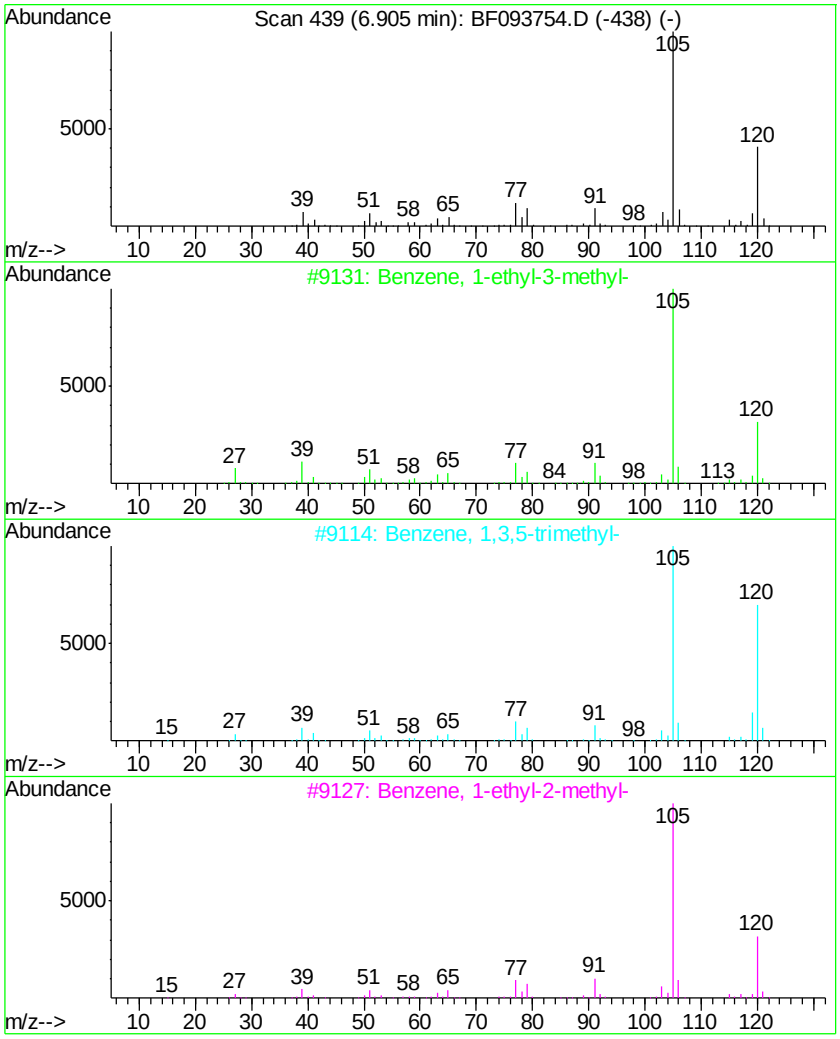
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

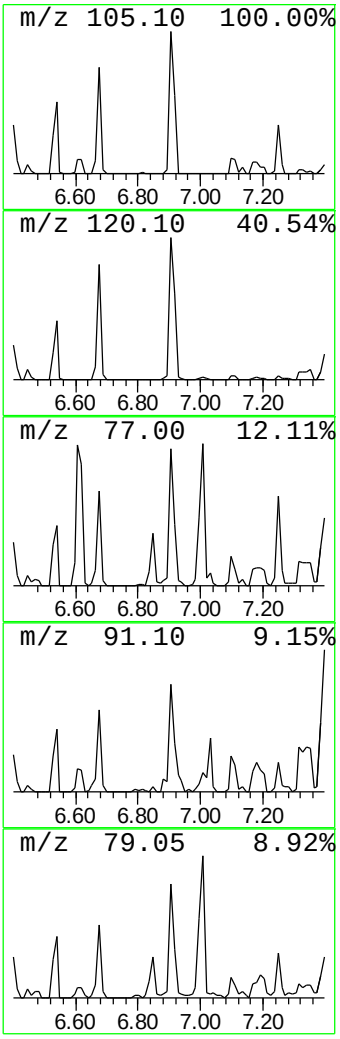
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	7.76 ng	545922	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : BF093754.D
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Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

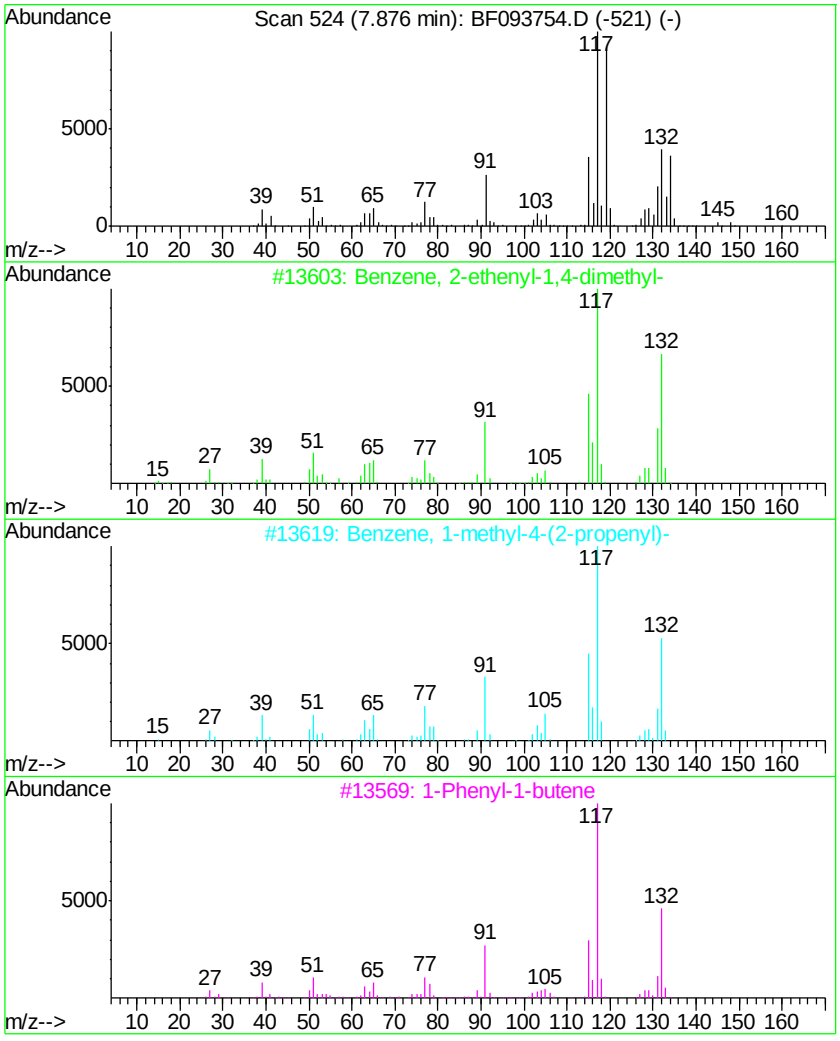
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

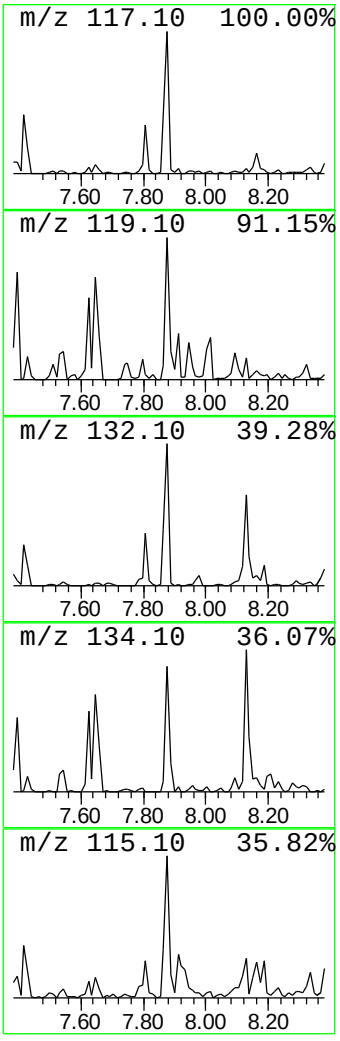
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	11.00 ng	1227700	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





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Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

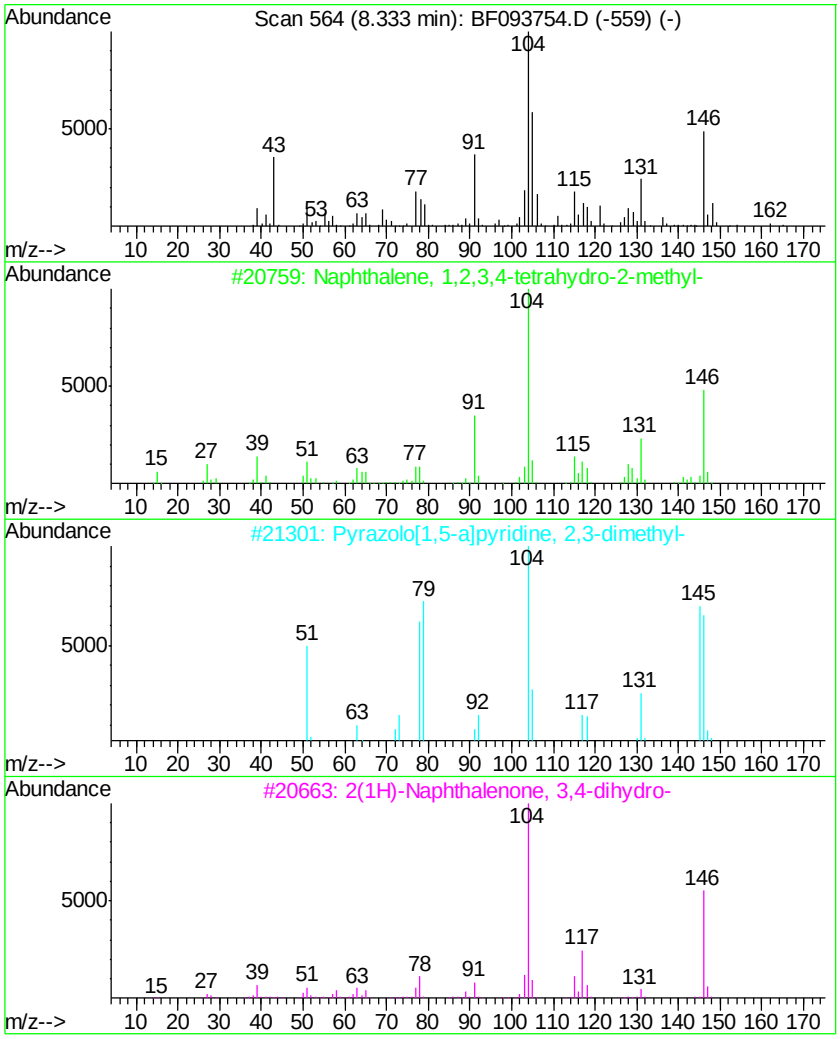
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

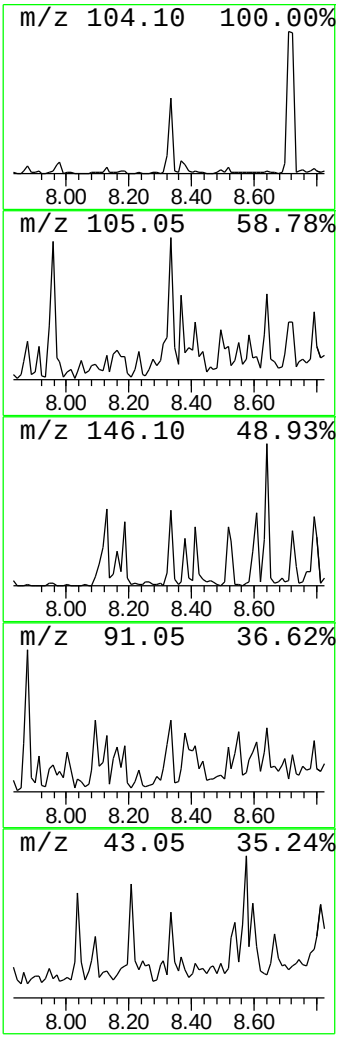
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	5.38 ng	600624	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	89
2	Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	64
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	43





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Data File : BF093754.D
Acq On : 18 Mar 2017 15:22
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Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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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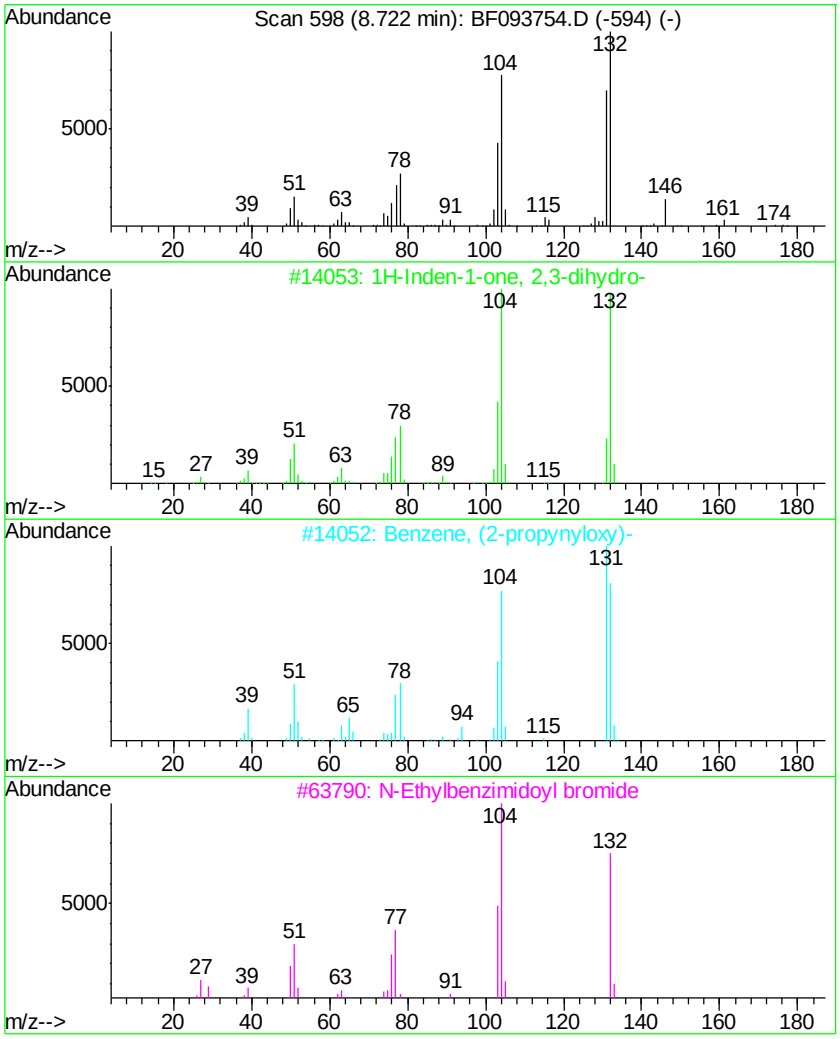
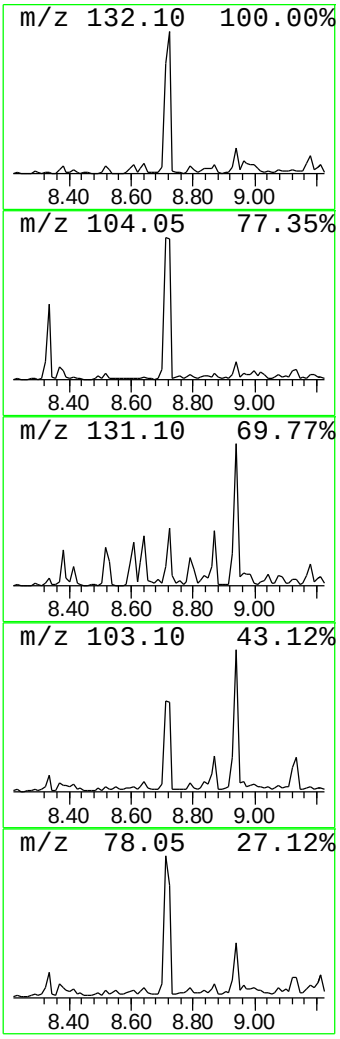
Peak Number 7 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	10.40 ng	1161480	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	72
3	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64
4	Styrene	104	C8H8	000100-42-5	50
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	50





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Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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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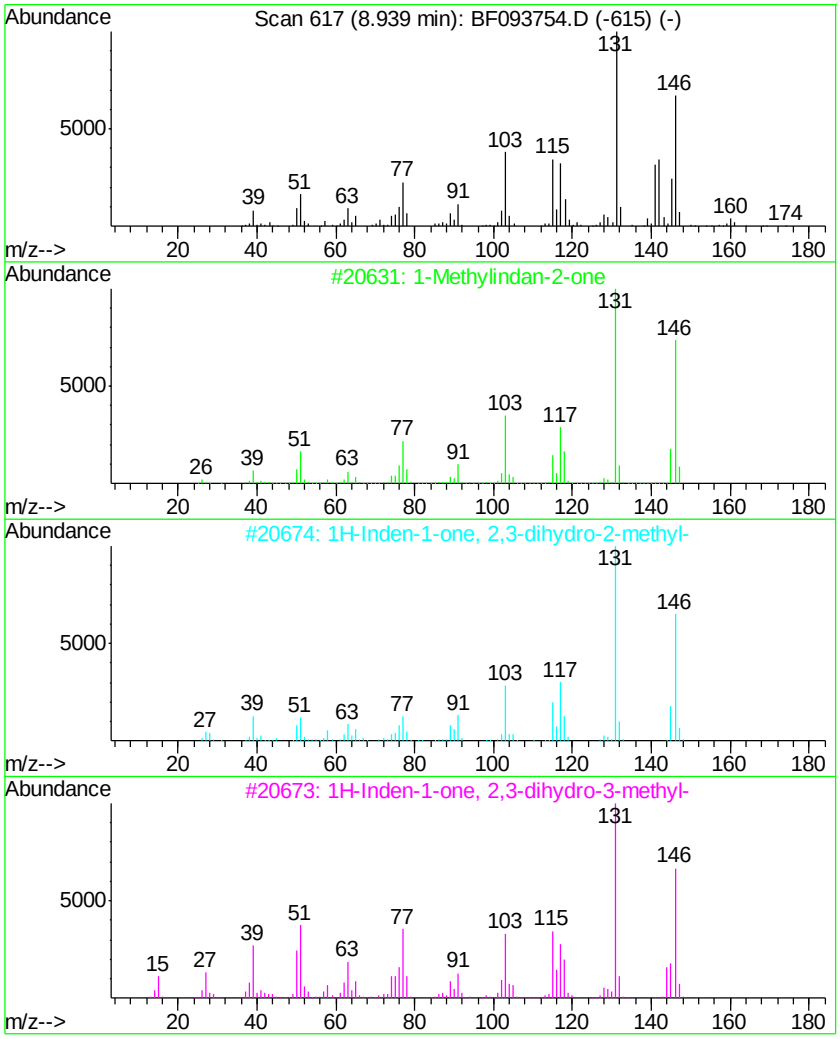
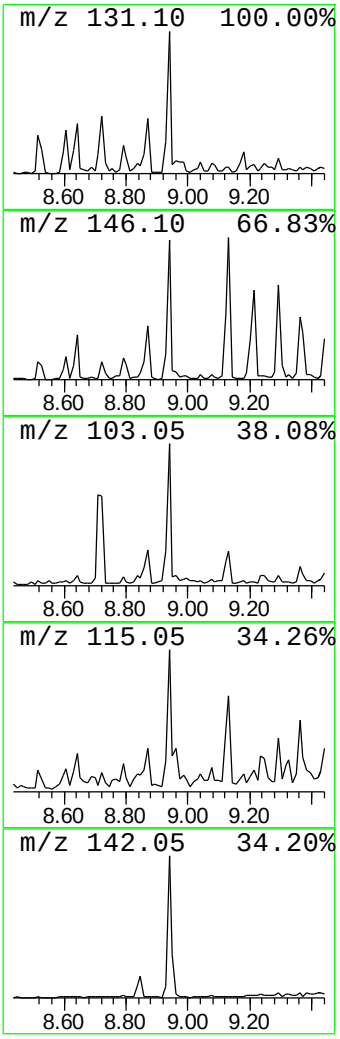
Peak Number 8 1-Methylindan-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	14.29 ng	1595300	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	96
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	91
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	68
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	49
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46





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ClientSampleId : MW-1

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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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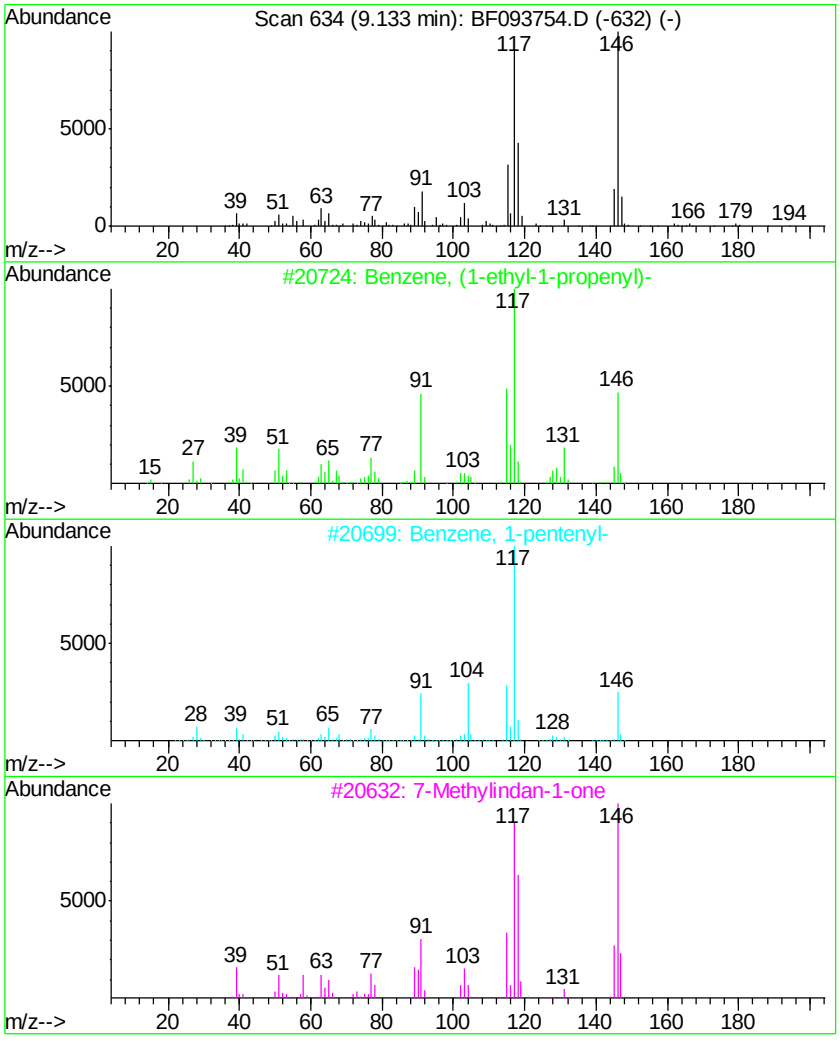
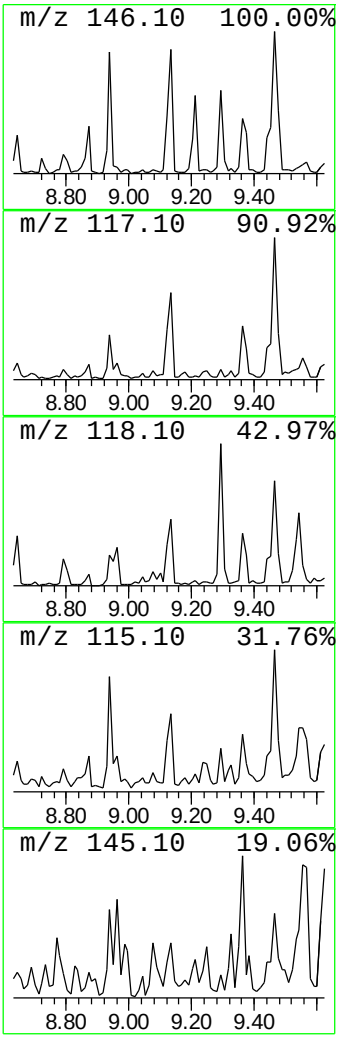
Peak Number 9 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	6.57 ng	990057	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	50
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	50
4	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	45
5	2(1H)-Quinazolinone	146	C8H6N2O	007471-58-1	43





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ClientSampleId : MW-1

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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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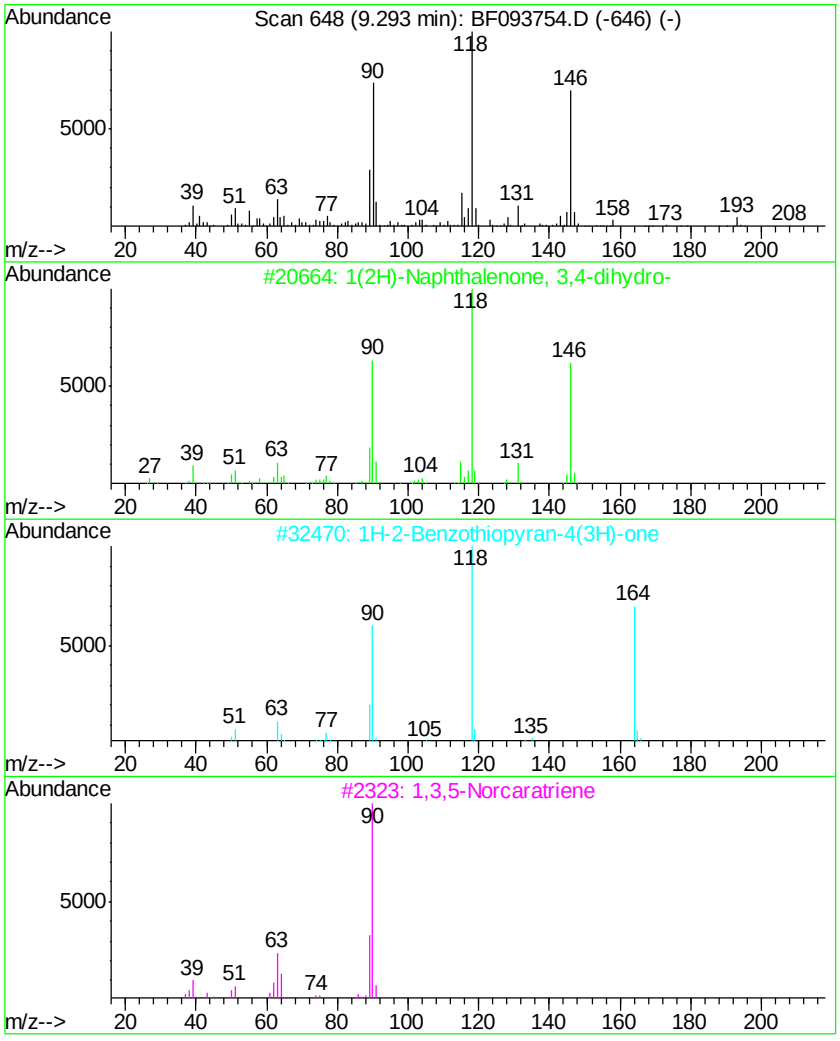
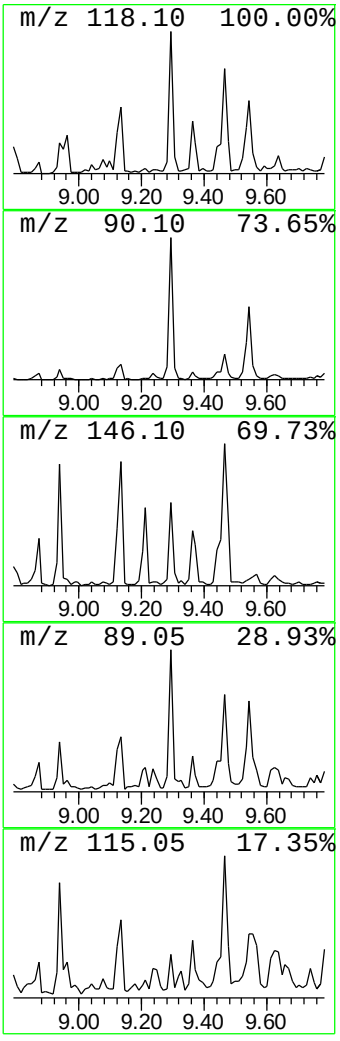
Peak Number 10 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.24 ng	789734	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	95
2	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	59
3	1,3,5-Norcaratriene	90	C7H6	004646-69-9	40
4	o-Acetoxycinnamic acid	206	C11H10O4	055620-18-3	14
5	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	12





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-1

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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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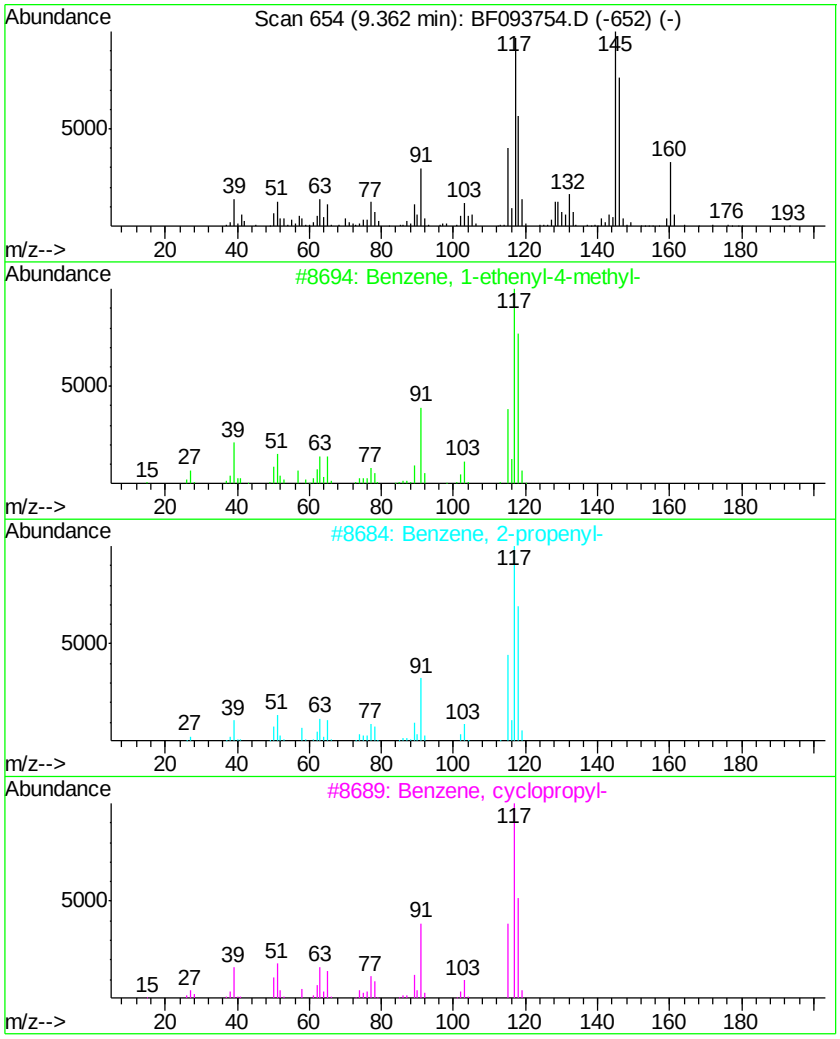
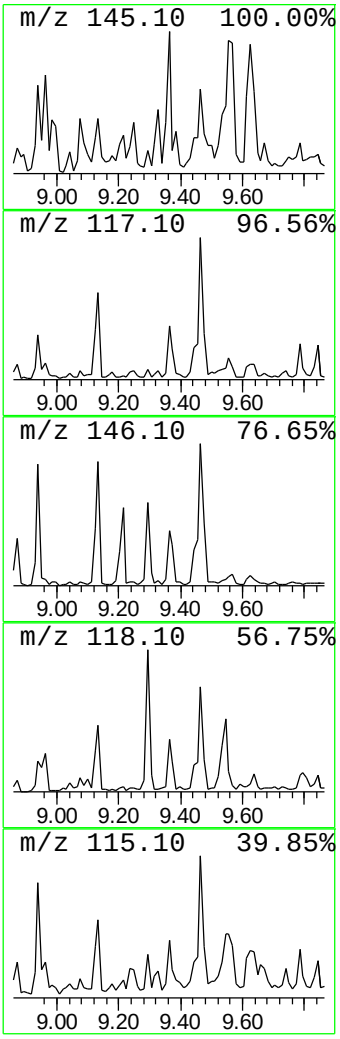
Peak Number 11 Benzene, 1-ethenyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	7.47 ng	1125710	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	91
4	7-Methylindan-1-one	146	C10H10O	039627-61-7	86
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





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ClientSampleId : MW-1

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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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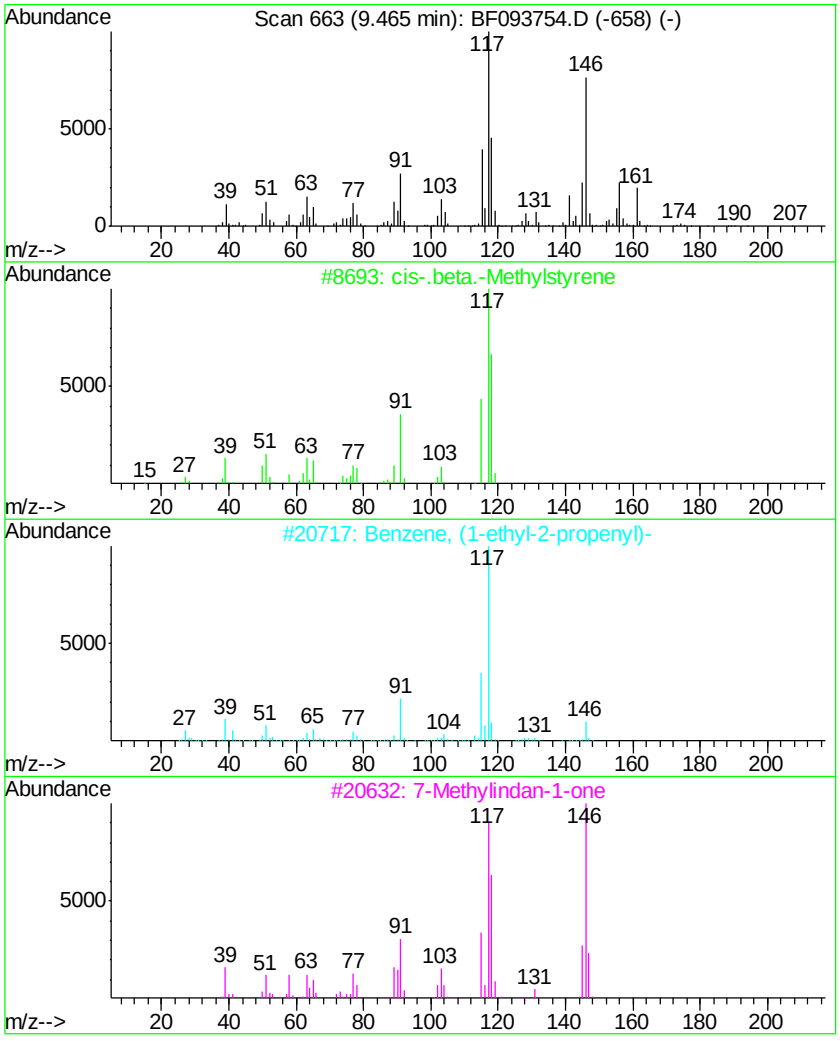
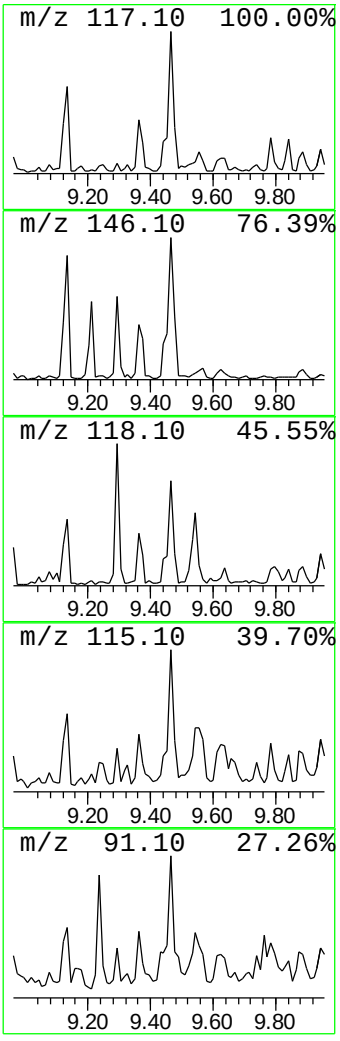
Peak Number 12 cis-.beta.-Methylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	17.72 ng	2669500	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	60
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	47





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Instrument : BNA_F
ClientSampleId : MW-1

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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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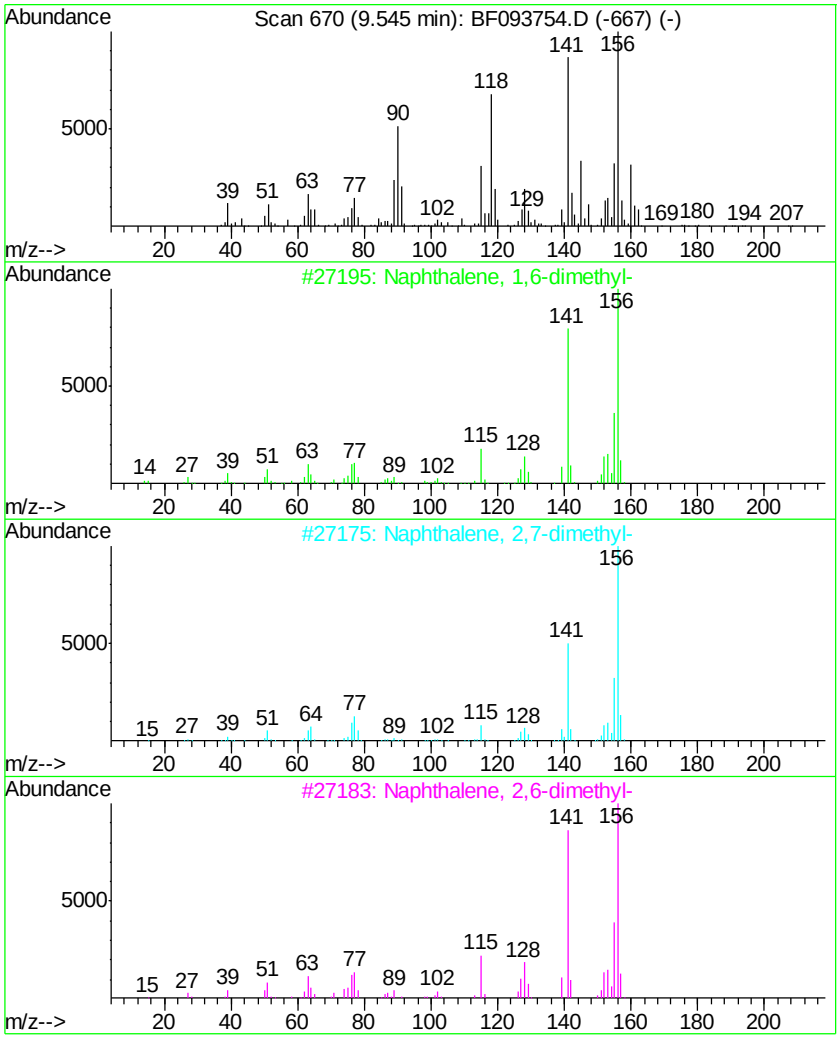
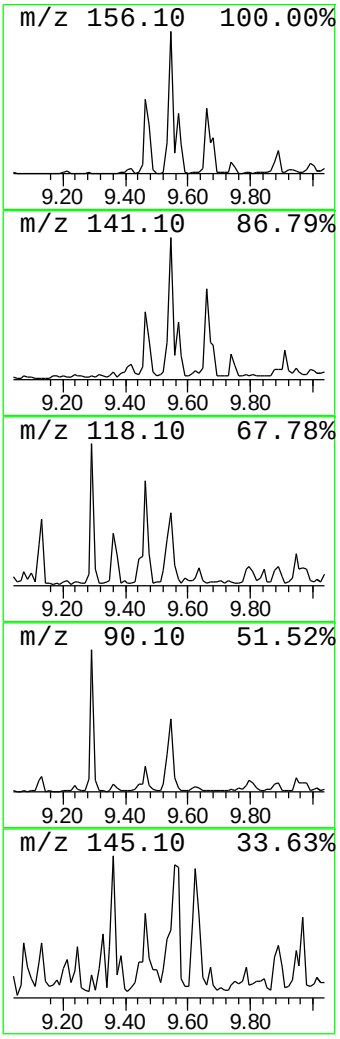
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	14.33 ng	2158980	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91





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

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

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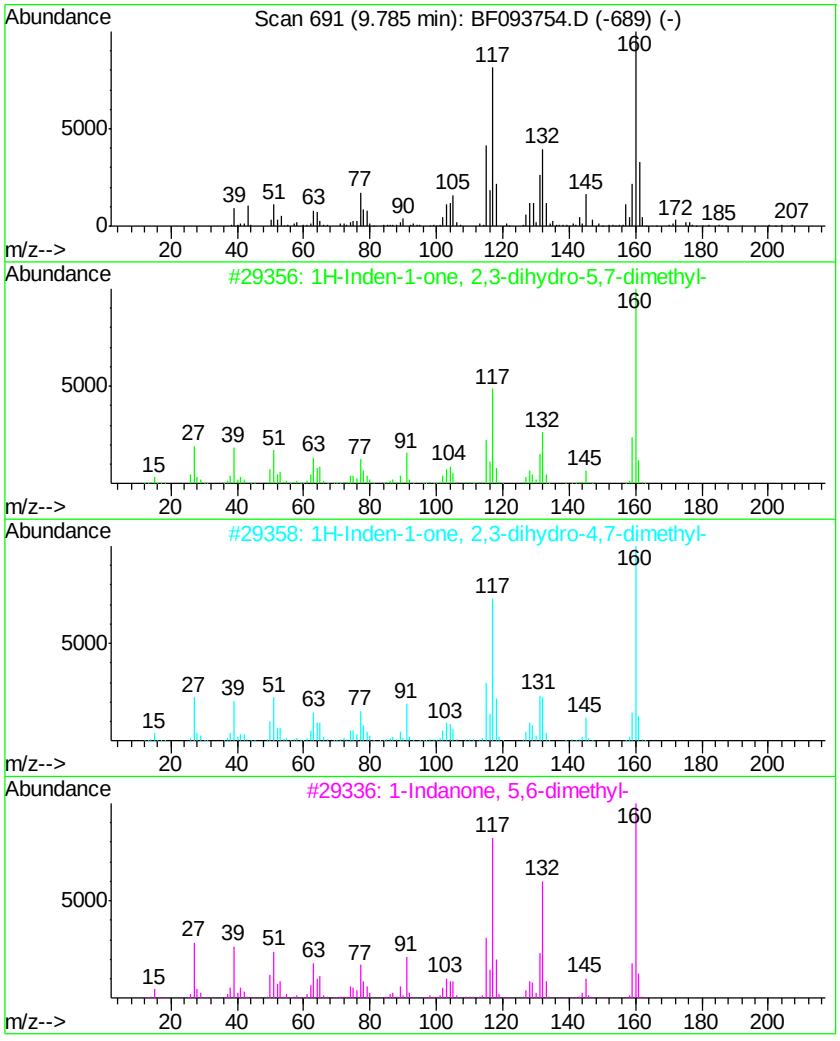
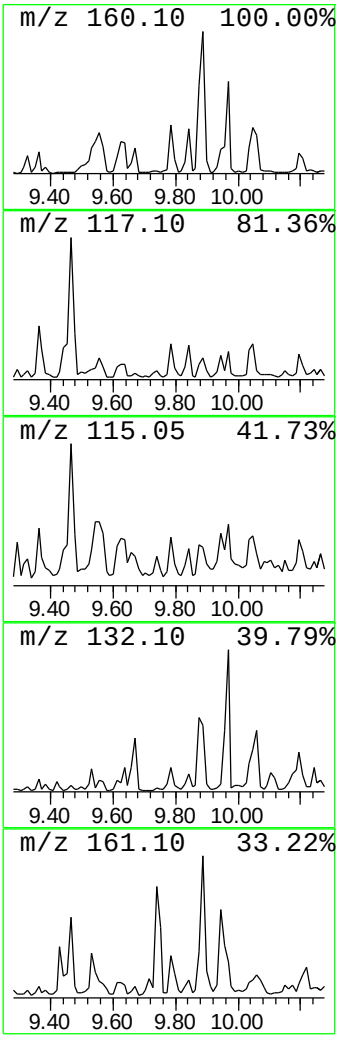
Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	5.37 ng	808920	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	93
2	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	91
3	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	81
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	45
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	43





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Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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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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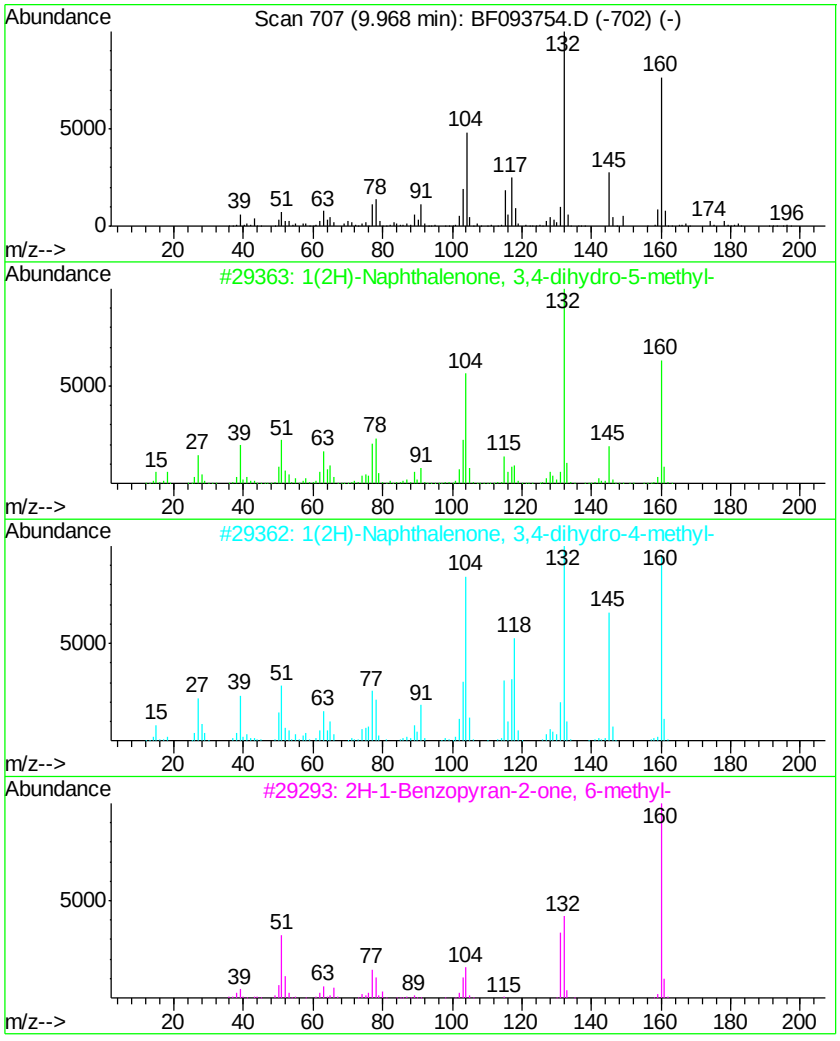
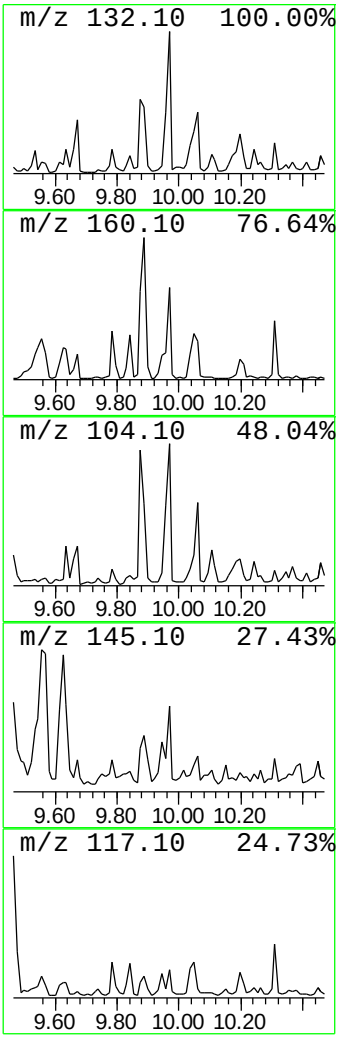
Peak Number 15 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	11.62 ng	1750630	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	87
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	53
3	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	43
4	2-Indolinone, 3-(methylimino)-	160	C9H8N2O	002058-70-0	43
5	2H-1-Benzopyran-2-one, 4-methyl-	160	C10H8O2	000607-71-6	38





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TIC Library : C:\DATABASE\NIST02.L
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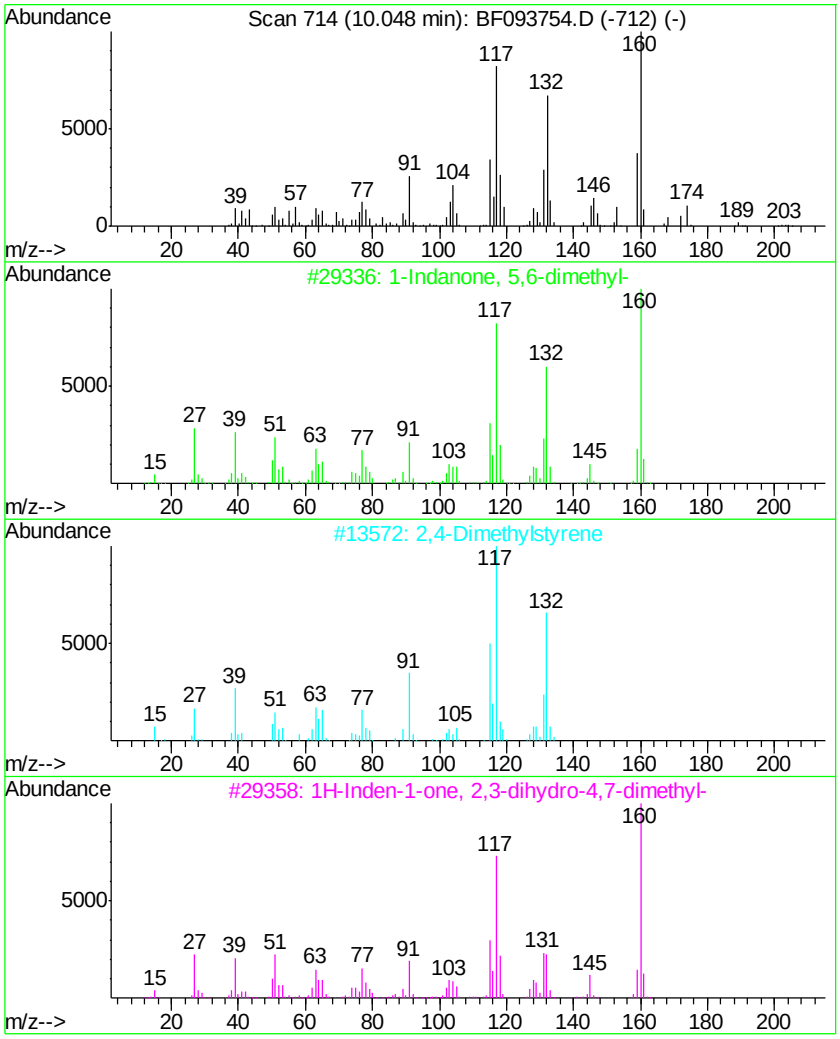
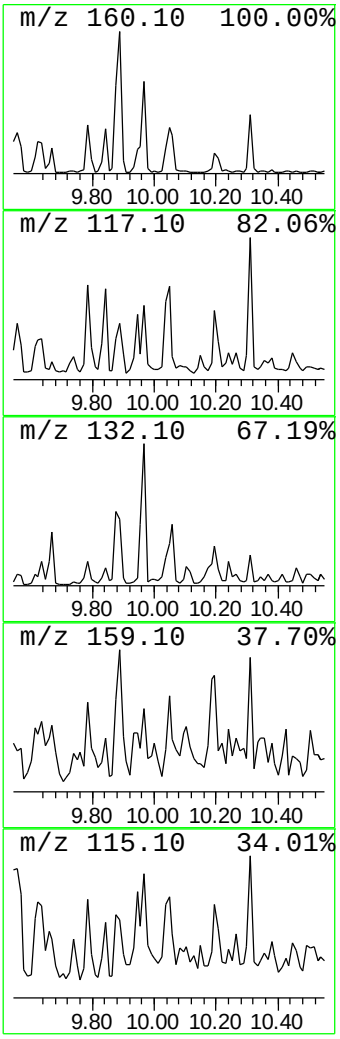
Peak Number 16 1-Indanone, 5,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	6.50 ng	978643	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	76
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	52
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	46





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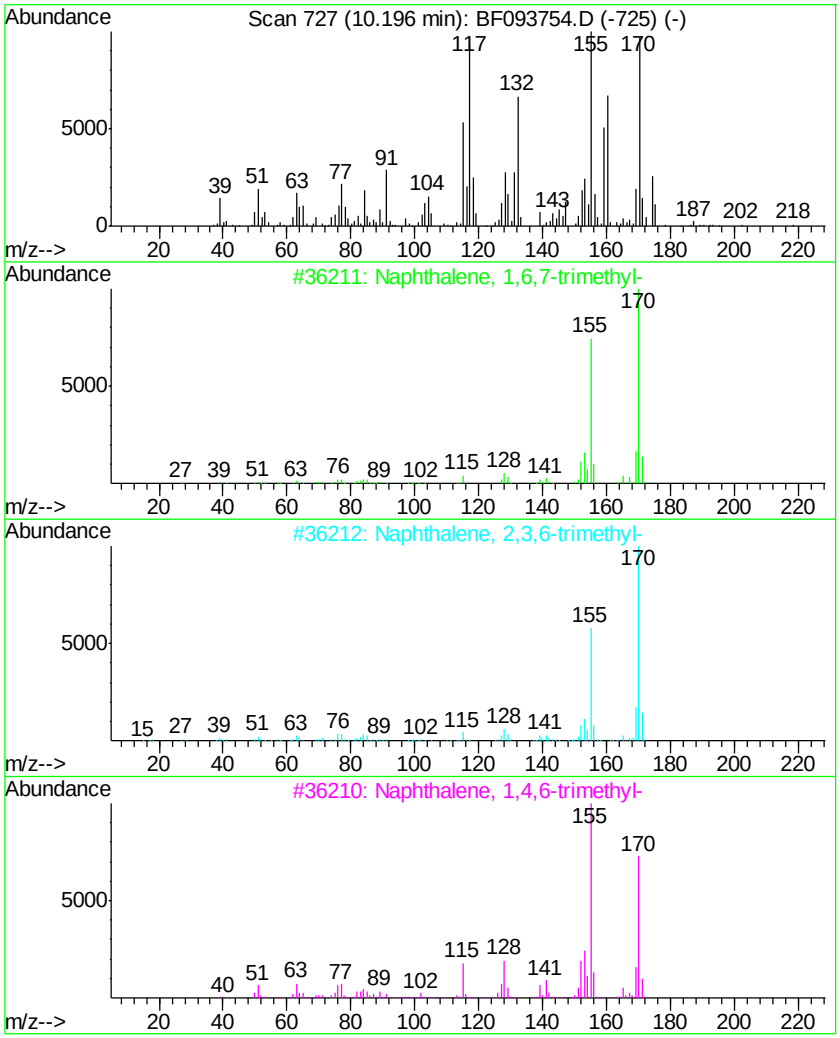
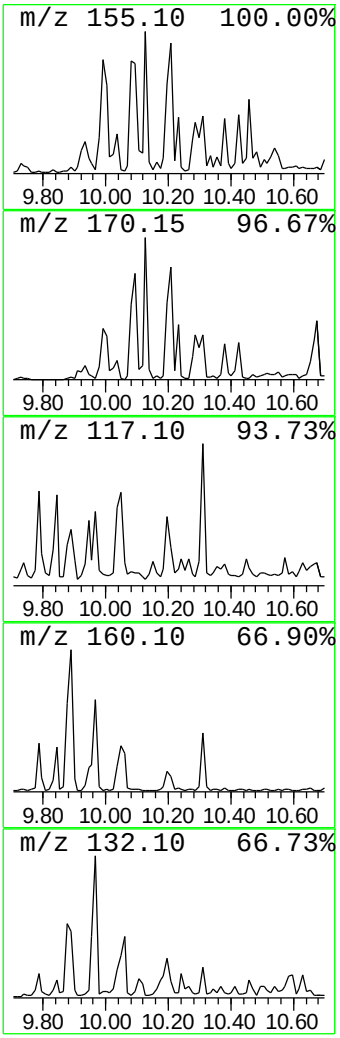
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.20 ng	783932	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	84
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	84
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	49
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46





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TIC Library : C:\DATABASE\NIST02.L
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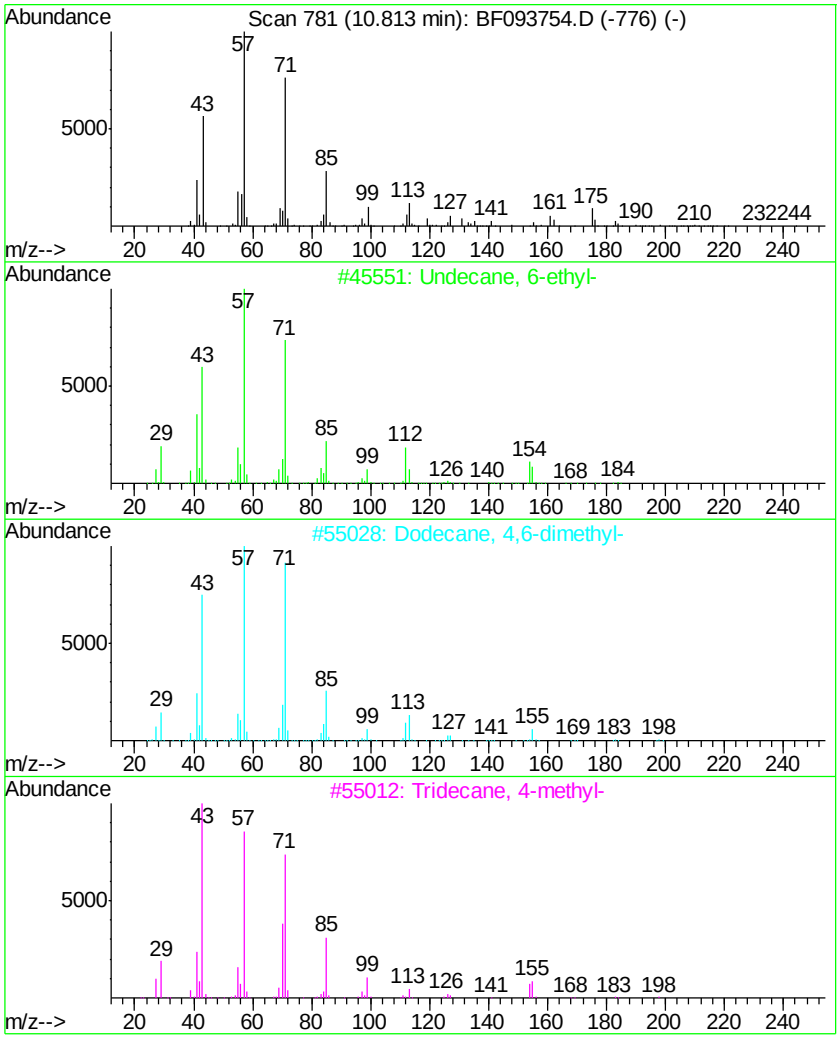
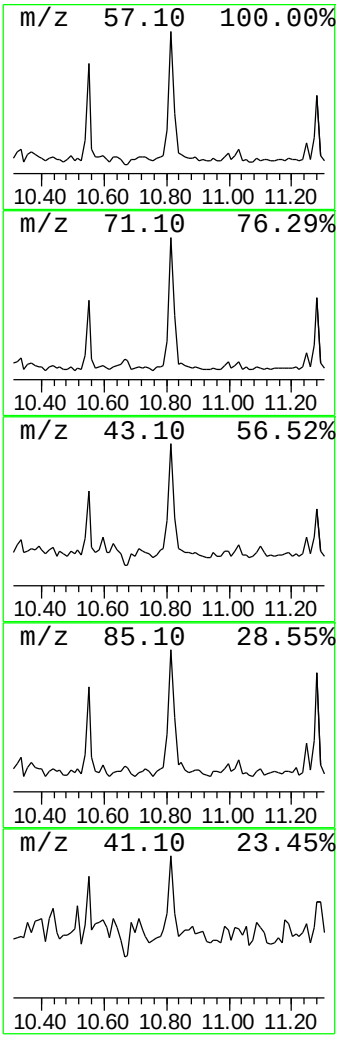
Peak Number 18 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	16.18 ng	1160000	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	74
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68





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Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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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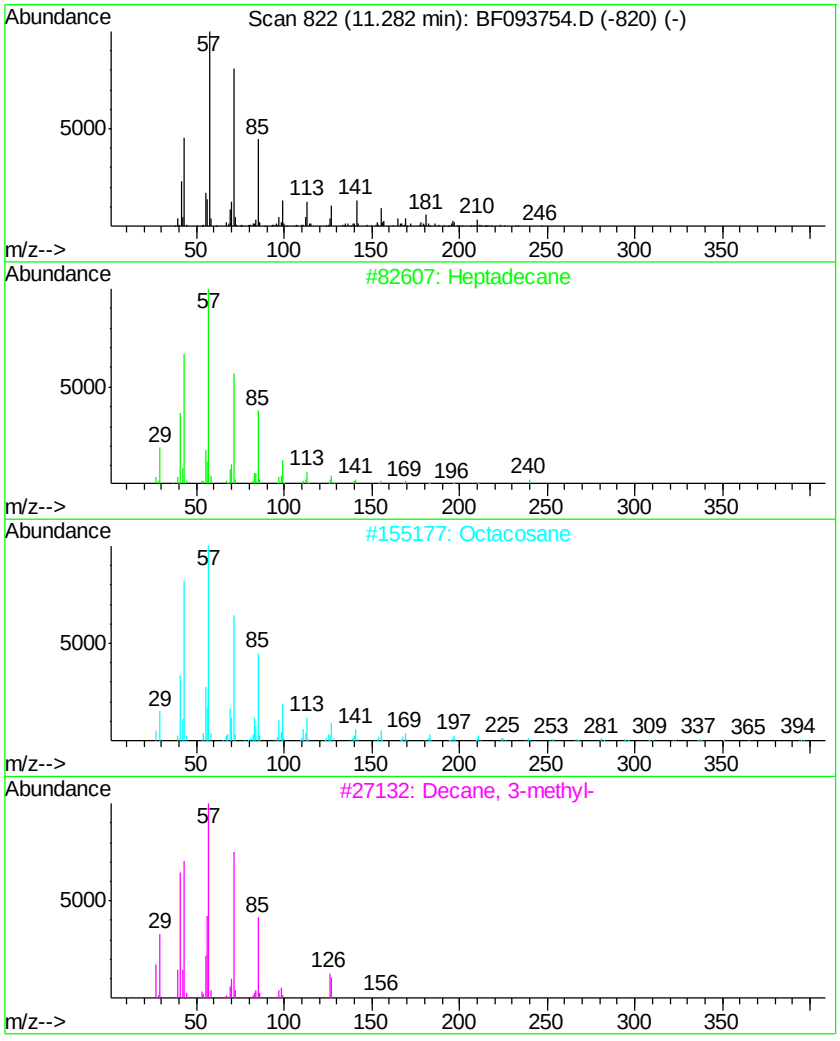
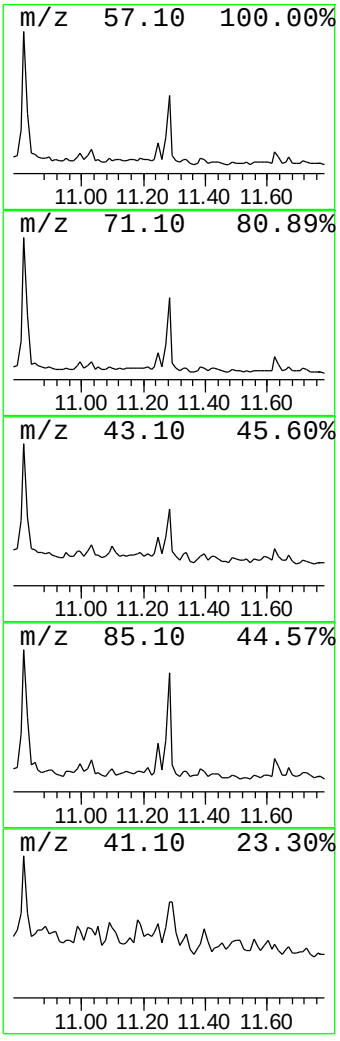
Peak Number 19 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	7.32 ng	525070	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Decane, 3-methyl-	156	C11H24	013151-34-3	74
4	Tetratriacontane	479	C34H70	014167-59-0	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093754.D
Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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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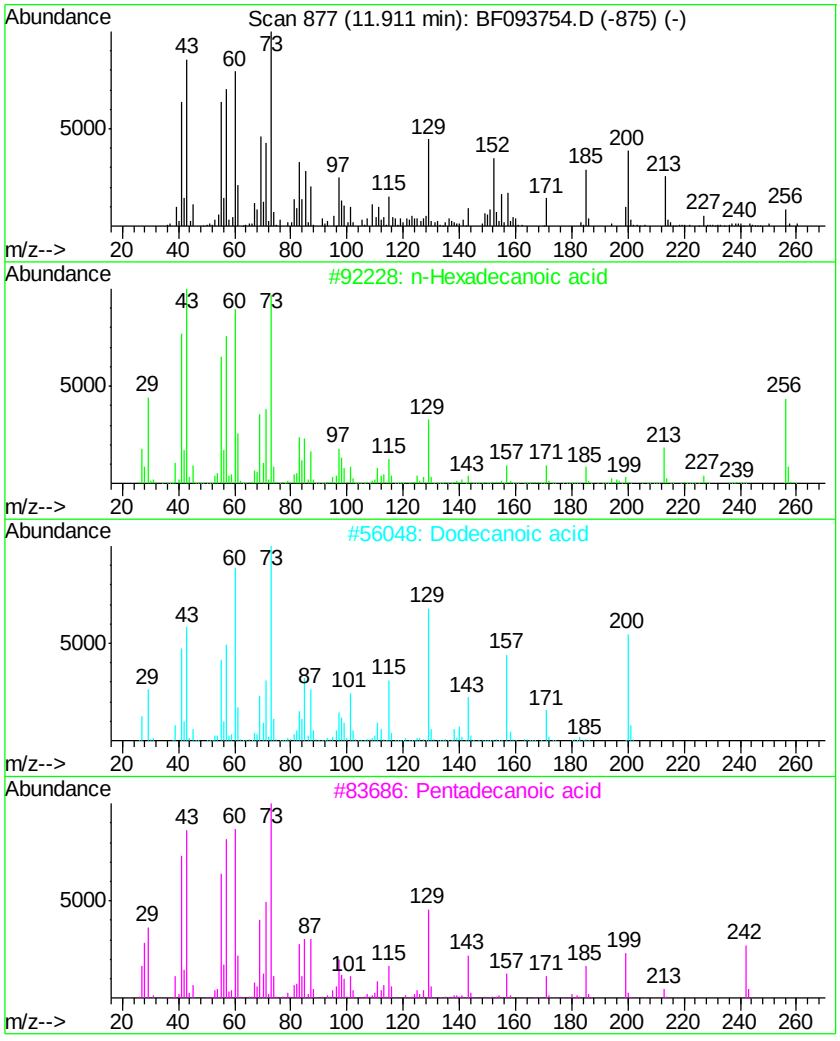
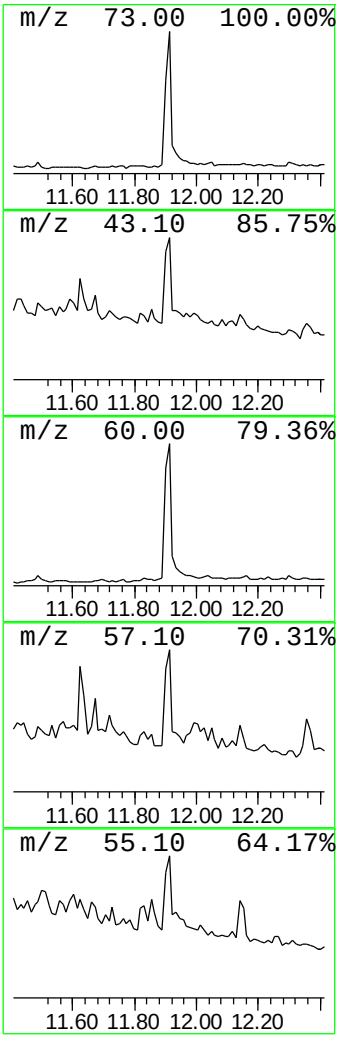
Peak Number 20 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.61 ng	474093	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093754.D
Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	6.7	ng	470779	1	6.85	1406640	20.0
unknown6.61	6.61	70.4	ng	4949820	1	6.85	1406640	20.0
Benzene, 1-ethyl-...	6.90	7.8	ng	545922	1	6.85	1406640	20.0
Benzene, 2-etheny...	7.88	11.0	ng	1227700	2	8.13	2232780	20.0
Naphthalene, 1,2,...	8.33	5.4	ng	600624	2	8.13	2232780	20.0
1H-Inden-1-one, 2...	8.72	10.4	ng	1161480	2	8.13	2232780	20.0
1-Methylindan-2-one	8.94	14.3	ng	1595300	2	8.13	2232780	20.0
Benzene, (1-ethyl...	9.13	6.6	ng	990057	3	9.89	3013410	20.0
1(2H)-Naphthaleno...	9.29	5.2	ng	789734	3	9.89	3013410	20.0
Benzene, 1-etheny...	9.36	7.5	ng	1125710	3	9.89	3013410	20.0
cis-.beta.-Methyl...	9.46	17.7	ng	2669500	3	9.89	3013410	20.0
Naphthalene, 1,6-...	9.54	14.3	ng	2158980	3	9.89	3013410	20.0
1H-Inden-1-one, 2...	9.78	5.4	ng	808920	3	9.89	3013410	20.0
1(2H)-Naphthaleno...	9.97	11.6	ng	1750630	3	9.89	3013410	20.0
1-Indanone, 5,6-d...	10.05	6.5	ng	978643	3	9.89	3013410	20.0
Naphthalene, 1,6,...	10.20	5.2	ng	783932	3	9.89	3013410	20.0
Undecane, 6-ethyl-	10.81	16.2	ng	1160000	4	11.36	1433920	20.0
Heptadecane	11.28	7.3	ng	525070	4	11.36	1433920	20.0
n-Hexadecanoic acid	11.91	6.6	ng	474093	4	11.36	1433920	20.0