LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

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-BF121315.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	5.093	260	263	268	rBV	458767	637030	19.66%	1.515%
2	5.516	296	300	302	rVB	2171062	2886923	89.10%	6.864%
3	5.722	316	318	324	rBV	167823	261846	8.08%	0.623%
4	6.179	357	358	360	rVB	59604	55846	1.72%	0.133%
5	6.533	386	389	391	rVB	2346504	2610926	80.58%	6.208%
6	6.670	398	401	403	rVB	2856362	2819411	87.02%	6.703%
7	6.739	403	407	409	rBV	348819	386334	11.92%	0.919%
8	6.773	409	410	413	rVB	141630	144692	4.47%	0.344%
9	6.899	419	421	423	rBV	961341	789677	24.37%	1.878%
10	7.059	432	435	437	rVB	2599196	2296820	70.89%	5.461%
11	7.162	442	444	448	rBV	141062	151582	4.68%	0.360%
12	7.459	467	470	473	rBV	1581711	1789604	55.23%	4.255%
13	7.516	473	475	477	rVV	115133	153037	4.72%	0.364%
14	7.562	477	479	482	rVB2	83883	96665	2.98%	0.230%
15	7.756	493	496	499	rBV2	184364	245261	7.57%	0.583%
16	7.939	505	512	513	rBV	114310	155431	4.80%	0.370%
17	7.985	513	516	520	rVV	154969	204522	6.31%	0.486%
18	8.053	520	522	524	rVV2	39486	51134	1.58%	0.122%
19	8.179	531	533	537	rVV	881348	1165622	35.98%	2.771%
20	8.396	550	552	556	rVB	96899	131567	4.06%	0.313%
21	8.453	556	557	560	rBV	124472	172331	5.32%	0.410%
22	8.693	576	578	581	rVB3	47285	60360	1.86%	0.144%
23	8.899	593	596	598	rVB2	83240	106398	3.28%	0.253%
24	8.956	599	601	603	rBV	43506	46765	1.44%	0.111%
25	9.002	603	605	606	rVB2	57008	69299	2.14%	0.165%
26	9.070	610	611	615	rBV2	37611	79628	2.46%	0.189%
27	9.139	615	617	619	rBV	51576	47834	1.48%	0.114%
28	9.185	619	621	623	rVV	52487	57879	1.79%	0.138%
29	9.265	625	628	630	rVB	3154333	3240054	100.00%	7.703%
30	9.322	630	633	634	rBV3	31640	46539	1.44%	0.111%
31	9.391	637	639	640	rBV	252926	295669	9.13%	0.703%
32	9.516	647	650	652	rBV2	26059	65919	2.03%	0.157%
33	9.596	655	657	660	rVV2	68044	108653	3.35%	0.258%
34	9.653	660	662	665	rVV	776534	735221	22.69%	1.748%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.756	668	671	672	rVV3	44517	65805	2.03%	0.156%
36	9.802	672	675	678	rVB	173634	234921	7.25%	0.559%
37	9.882	680	682	683	rBV	267746	244271	7.54%	0.581%
38	9.939	683	687	689	rVV	1409960	1450972	44.78%	3.450%
39	9.973	689	690	693	rVB	81077	84097	2.60%	0.200%
40	10.099	700	701	703	rBV2	26797	46230	1.43%	0.110%
41	10.145	703	705	706	rVB	42248	49833	1.54%	0.118%
42	10.248	711	714	715	rBV3	37514	57342	1.77%	0.136%
43	10.271	715	716	720	rVB2	92371	104280	3.22%	0.248%
44	10.373	720	725	728	rBV3	127384	277148	8.55%	0.659%
45	10.602	742	745	746	rBV	93018	137963	4.26%	0.328%
46	10.659	746	750	753	rVB3	40682	115634	3.57%	0.275%
47	10.728	753	756	758	rBV	1856642	1997229	61.64%	4.749%
48	10.796	760	762	765	rBV2	43152	53833	1.66%	0.128%
49	10.854	765	767	771	rBV2	167392	284046	8.77%	0.675%
50	10.956	773	776	779	rVB2	83941	130334	4.02%	0.310%
51	11.048	781	784	786	rBV4	57517	118002	3.64%	0.281%
52	11.219	797	799	802	rVB3	35457	59624	1.84%	0.142%
53	11.276	802	804	805	rBV	37938	62982	1.94%	0.150%
54	11.299	805	806	808	rVB2	89408	69014	2.13%	0.164%
55	11.425	814	817	820	rBV	773327	1338064	41.30%	3.181%
56	11.494	820	823	825	rVB	109077	129977	4.01%	0.309%
57	11.722	841	843	844	rVB	76283	65616	2.03%	0.156%
58	11.894	855	858	859	rBV2	38140	69651	2.15%	0.166%
59	11.916	859	860	861	rVV	68625	72601	2.24%	0.173%
60	11.951	861	863	865	rVB	99186	115391	3.56%	0.274%
61	11.996	865	867	868	rBV2	45020	54652	1.69%	0.130%
62	12.031	868	870	873	rBV	109669	193582	5.97%	0.460%
63	12.408	901	903	906	rBV2	43038	75179	2.32%	0.179%
64	12.465	906	908	910	rBV2	302539	414312	12.79%	0.985%
65	12.522	911	913	914	rVB2	79758	100126	3.09%	0.238%
66	12.625	920	922	924	rBV	502882	550306	16.98%	1.308%
67	12.671	924	926	929	rVB4	65195	95849	2.96%	0.228%
68	12.728	929	931	932	rVB	71541	91005	2.81%	0.216%
69	12.808	936	938	939	rVV2	86743	78758	2.43%	0.187%
70	12.854	939	942	946	rVV	597609	666701	20.58%	1.585%
71	13.002	953	955	958	rVB	1993138	1903601	58.75%	4.526%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.071	959	961	963	rBV2	56567	94892	2.93%	0.226%
73	13.162	967	969	972	rVB2	110500	189155	5.84%	0.450%
74	13.288	978	980	984	rVB	91233	119301	3.68%	0.284%
75	13.380	984	988	989	rBV2	96471	162722	5.02%	0.387%
76	13.414	989	991	993	rVB2	72265	86839	2.68%	0.206%
77	13.494	996	998	1000	rBV2	60987	89585	2.76%	0.213%
78	13.791	1022	1024	1026	rBV3	56631	109245	3.37%	0.260%
79	13.905	1032	1034	1037	rVB2	150815	216734	6.69%	0.515%
80	13.974	1038	1040	1043	rBV3	43299	73658	2.27%	0.175%
81	14.054	1044	1047	1048	rBV2	988275	1254740	38.73%	2.983%
82	14.534	1087	1089	1090	rBV2	129426	111367	3.44%	0.265%
83	14.831	1113	1115	1119	rVB3	60403	103920	3.21%	0.247%
84	15.071	1134	1136	1141	rBV	295895	665559	20.54%	1.582%
85	15.163	1142	1144	1151	rVB2	361616	642212	19.82%	1.527%
86	15.368	1160	1162	1165	rVB	276580	355525	10.97%	0.845%
87	15.425	1165	1167	1170	rVB	286689	386273	11.92%	0.918%
88	15.494	1170	1173	1180	rVB2	632938	998023	30.80%	2.373%
89	15.734	1192	1194	1196	rVB	48370	54163	1.67%	0.129%
90	15.974	1211	1215	1217	rBV	376654	662247	20.44%	1.575%
91	16.466	1255	1258	1263	rBV3	29607	107456	3.32%	0.255%
92	16.751	1279	1283	1290	rVB3	111093	304347	9.39%	0.724%
93	16.911	1294	1297	1302	rVB2	172099	337636	10.42%	0.803%
94	17.048	1306	1309	1311	rBV	43950	94916	2.93%	0.226%
95	17.346	1331	1335	1343	rVB	170410	415954	12.84%	0.989%
96	17.506	1346	1349	1352	rVV3	50751	125145	3.86%	0.298%
97	17.563	1352	1354	1360	rVB	28659	64343	1.99%	0.153%
98	17.723	1364	1368	1372	rBV3	62830	153243	4.73%	0.364%
99	18.980	1473	1478	1488	rVB3	32462	125318	3.87%	0.298%
100	19.529	1520	1526	1527	rBV2	43536	129910	4.01%	0.309%

Sum of corrected areas: 42059838

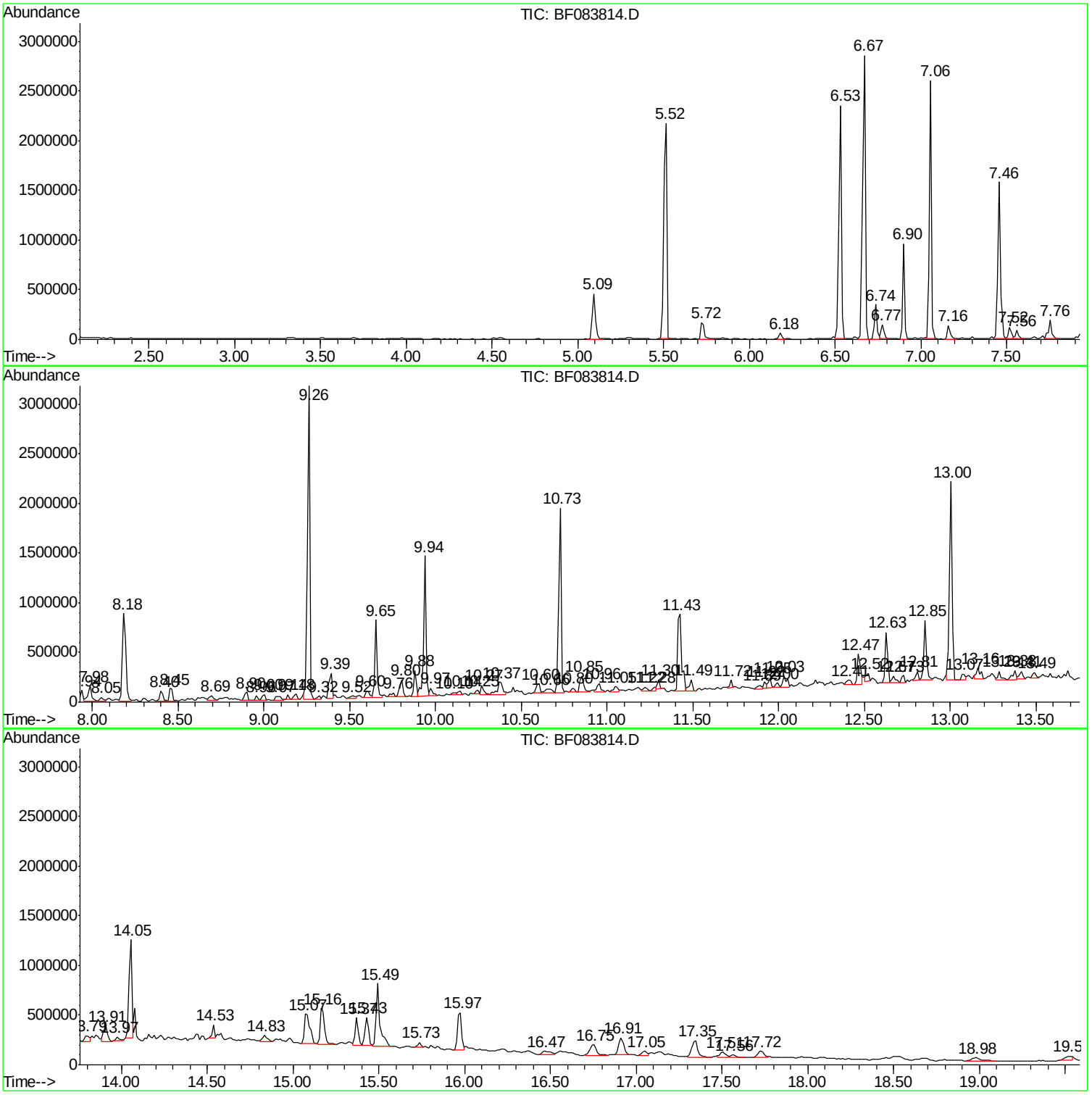
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

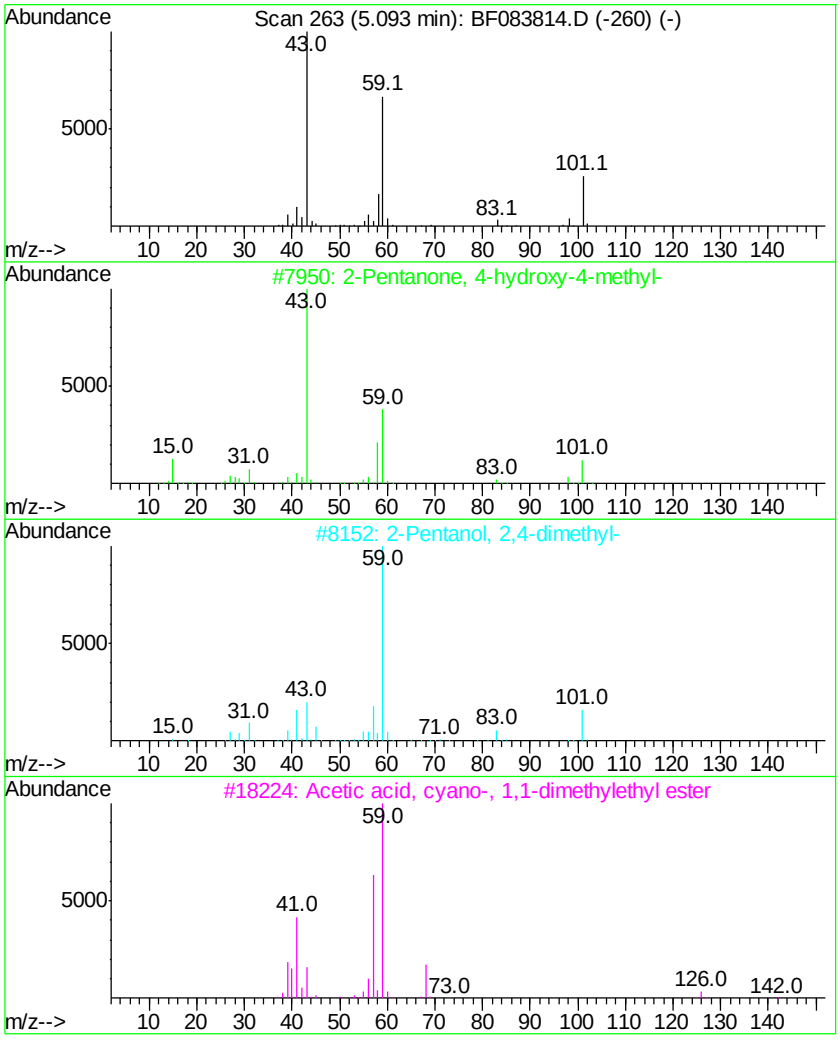
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

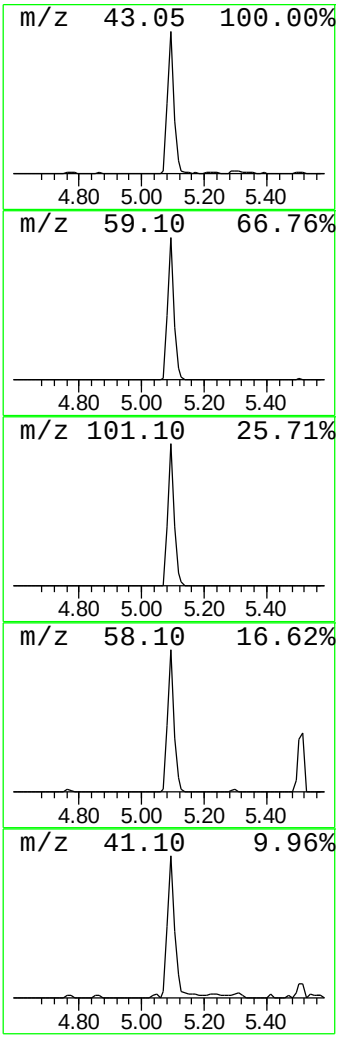
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	16.13 ng	637030	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	45
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

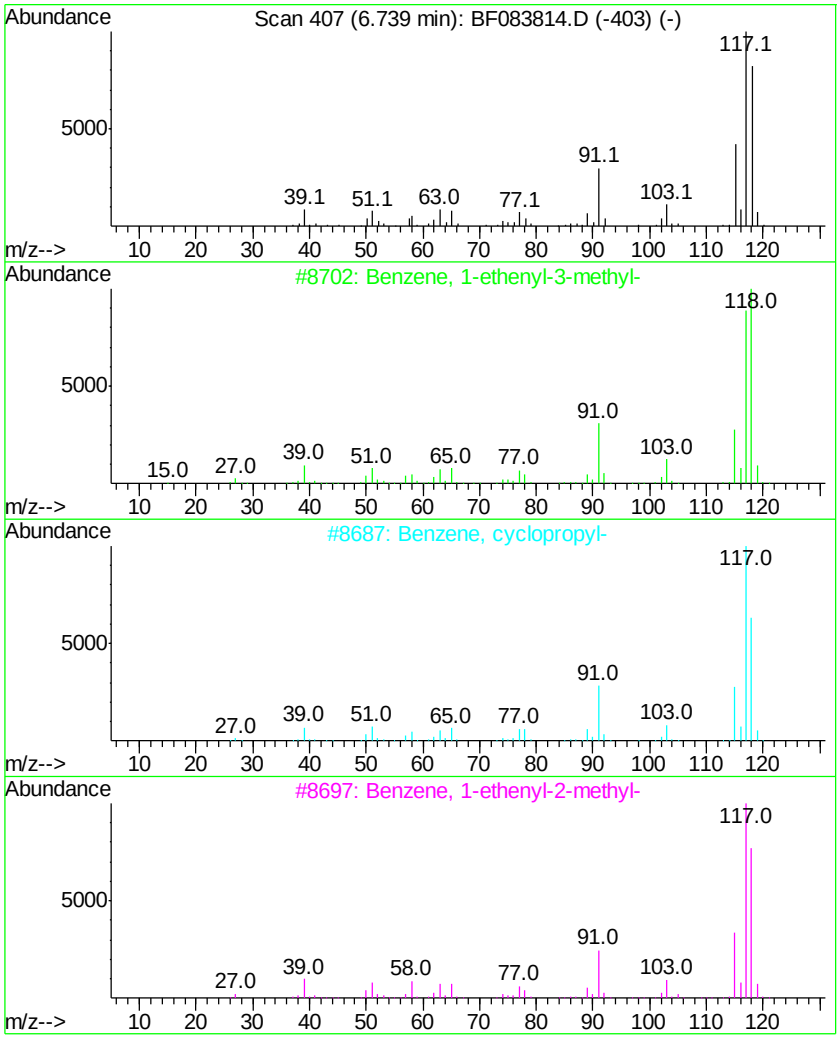
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

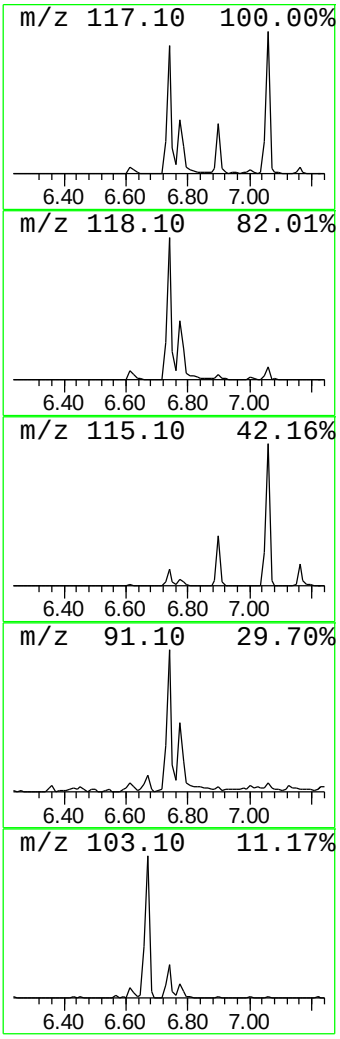
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	9.78 ng	386334	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

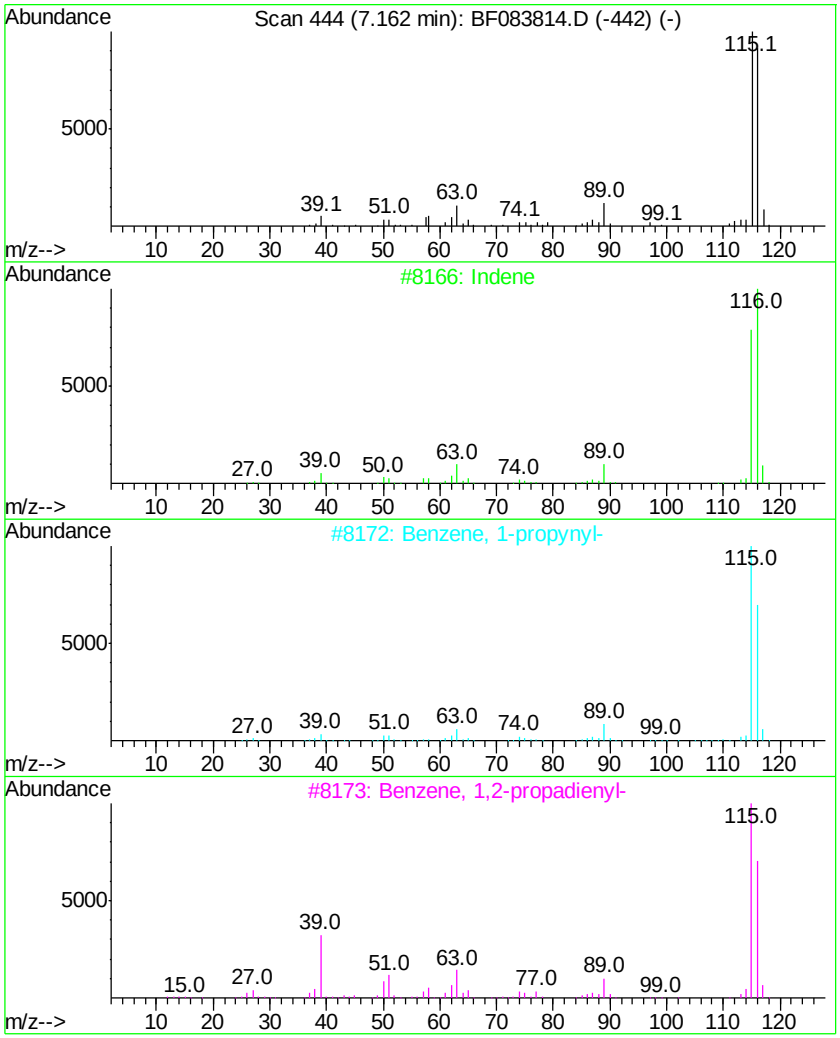
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

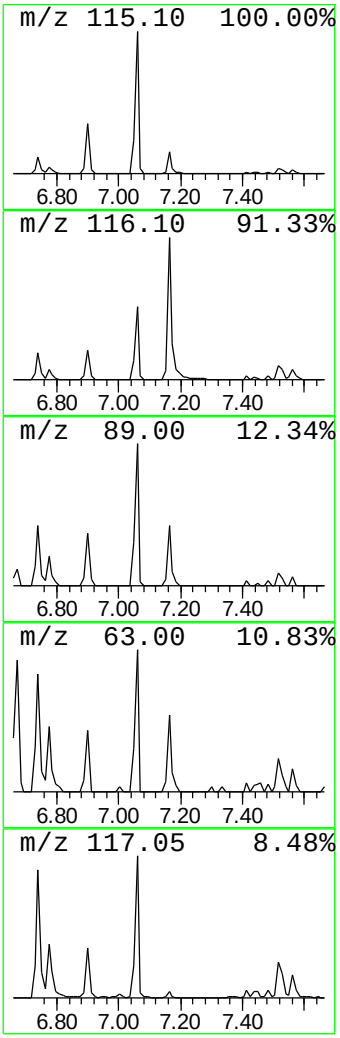
****

Peak Number 7 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	3.84 ng	151582	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

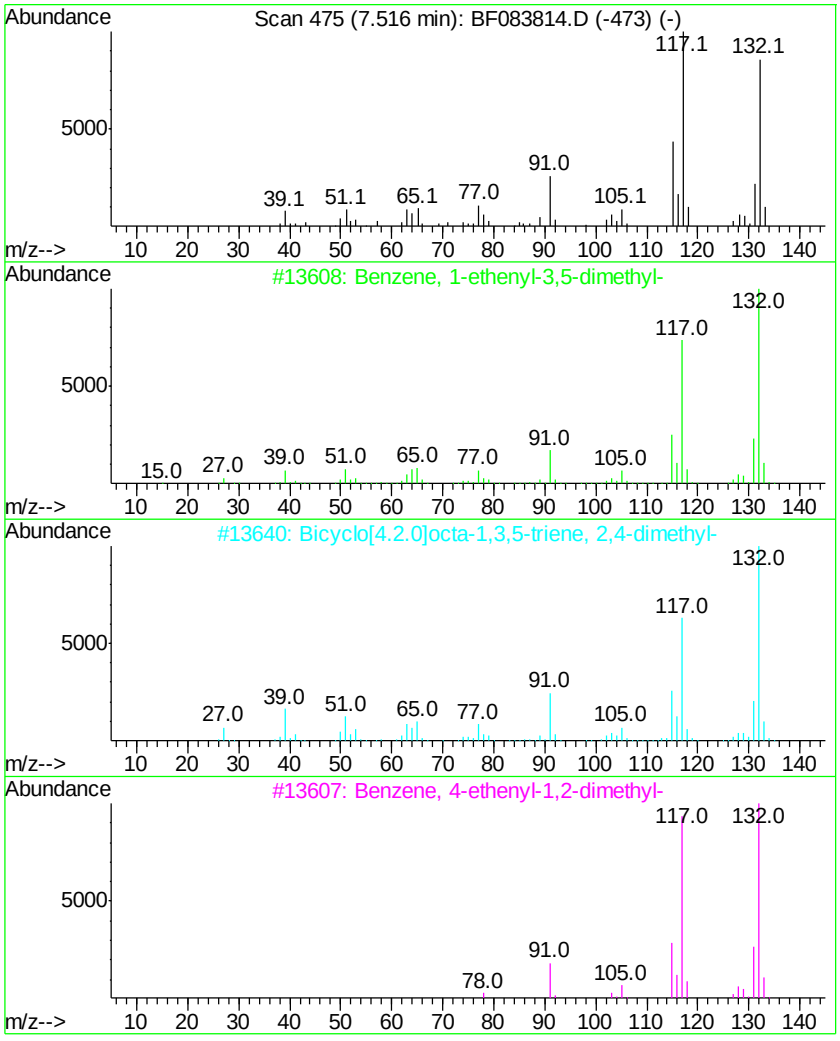
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

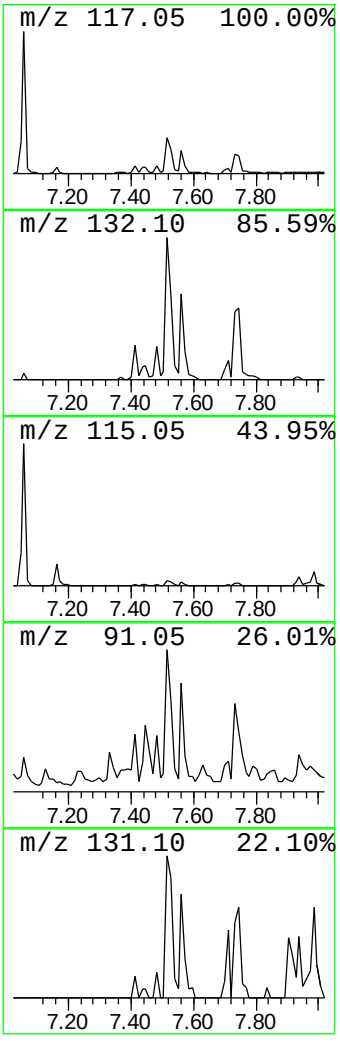
****

Peak Number 8 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	3.88 ng	153037	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	96
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

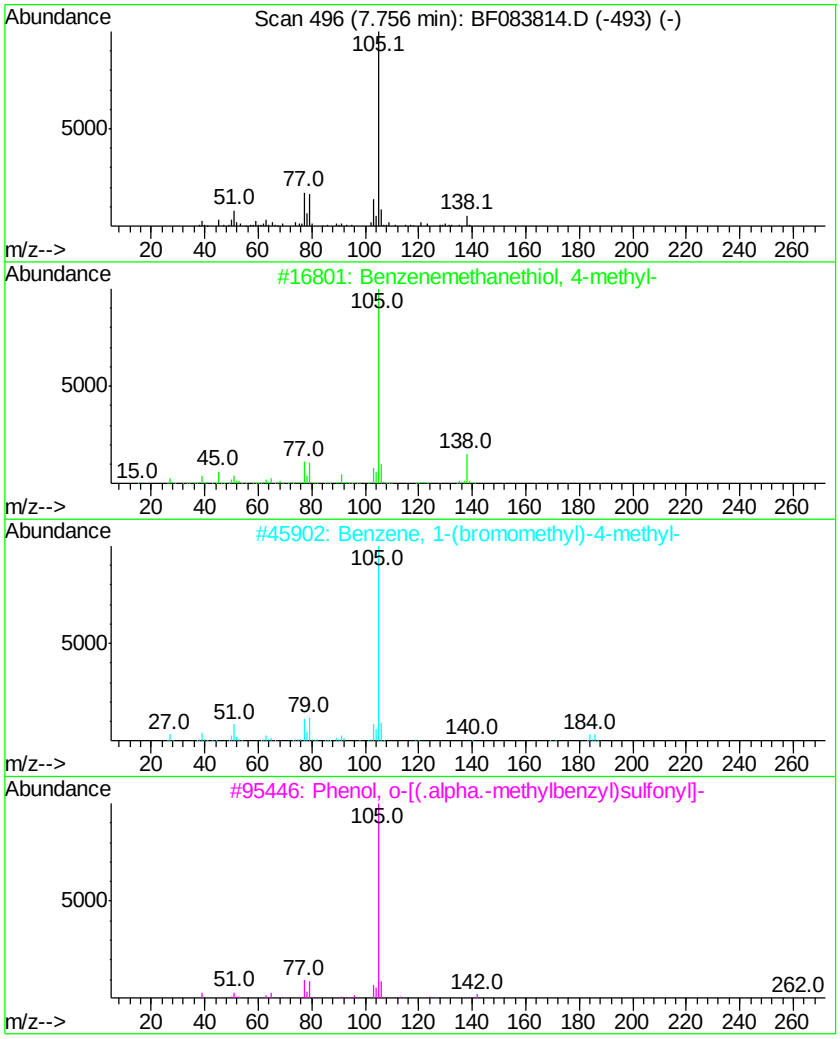
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

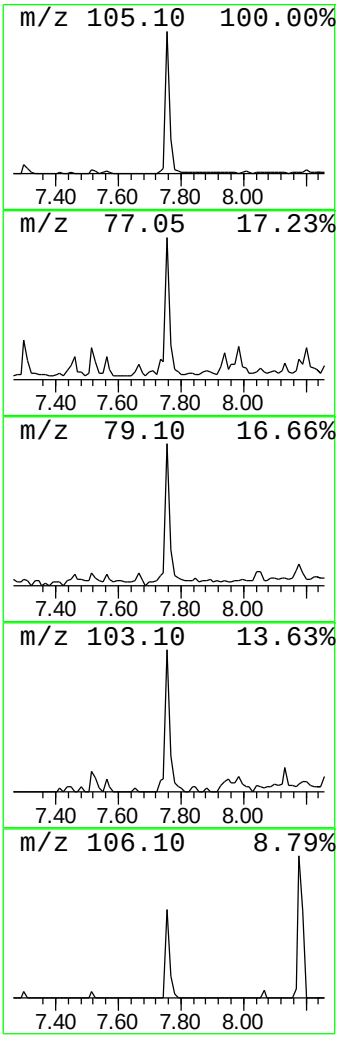
****

Peak Number 9 Benzenemethanethiol, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.21 ng	245261	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
2	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
3	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	64
4	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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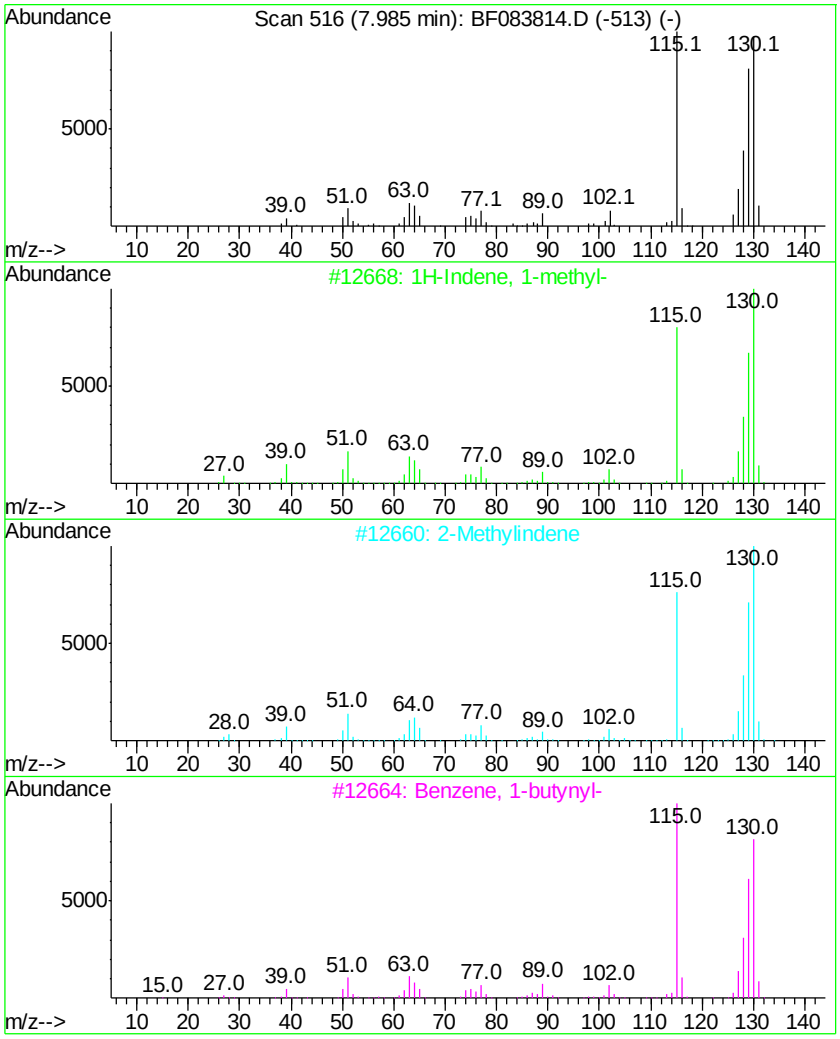
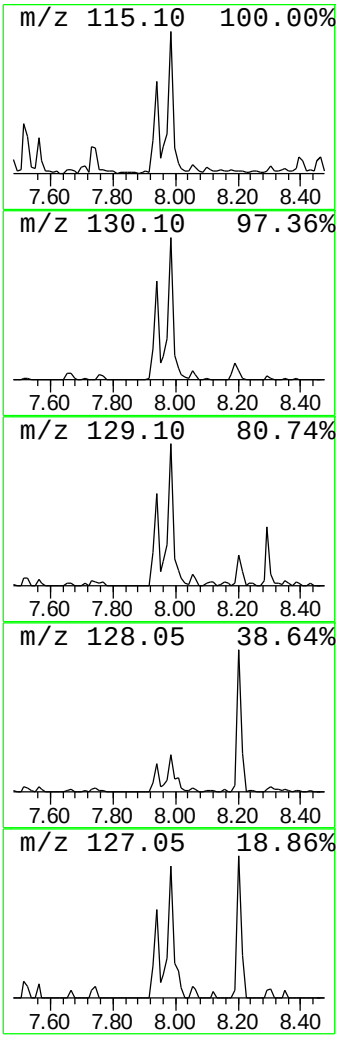
Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.51 ng	204522	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





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Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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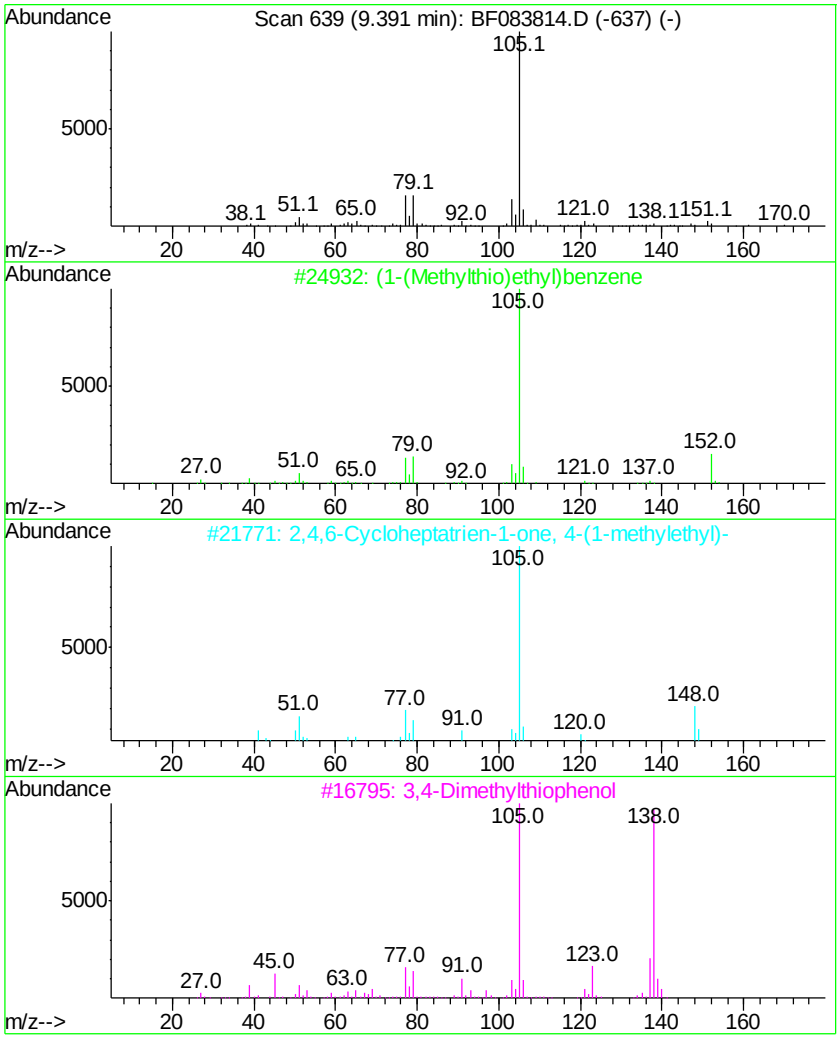
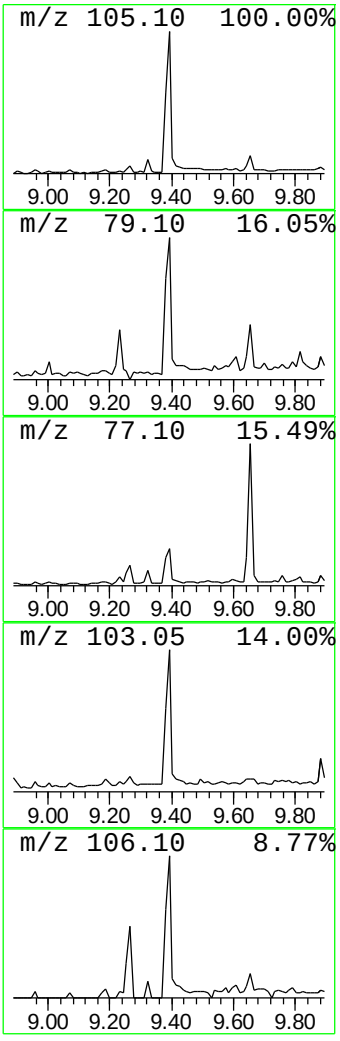
Peak Number 11 (1-(Methylthio)ethyl)benzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	4.08 ng	295669	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-(Methylthio)ethyl)benzene	152	C9H12S	013125-70-7	80
2	2,4,6-Cycloheptatrien-1-one, 4-(...	148	C10H12O	013656-81-0	64
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	64
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	64
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64





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Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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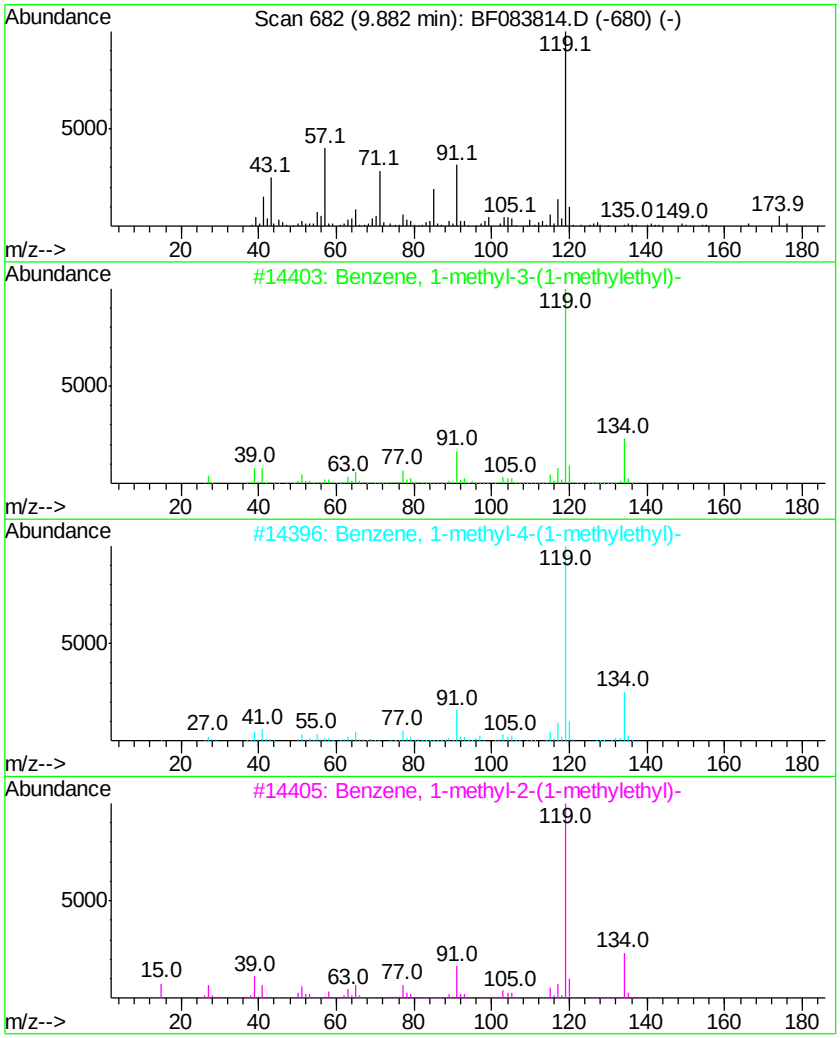
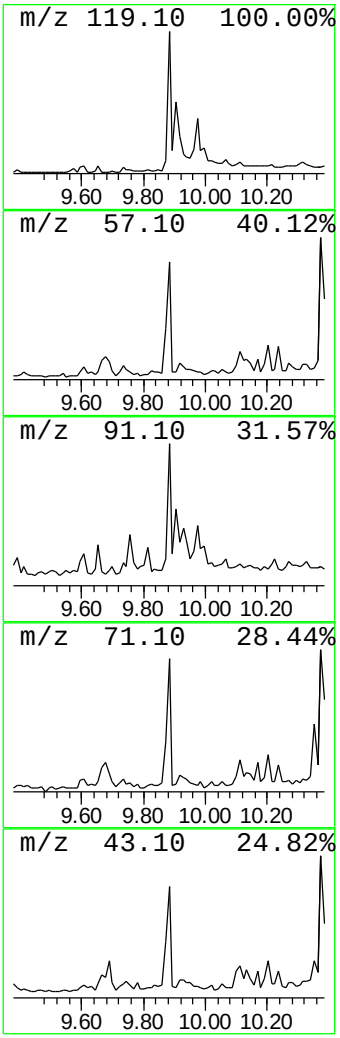
Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	3.37 ng	244271	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	53
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
4	4-Aminostyrene	119	C8H9N	001520-21-4	47
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	47





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Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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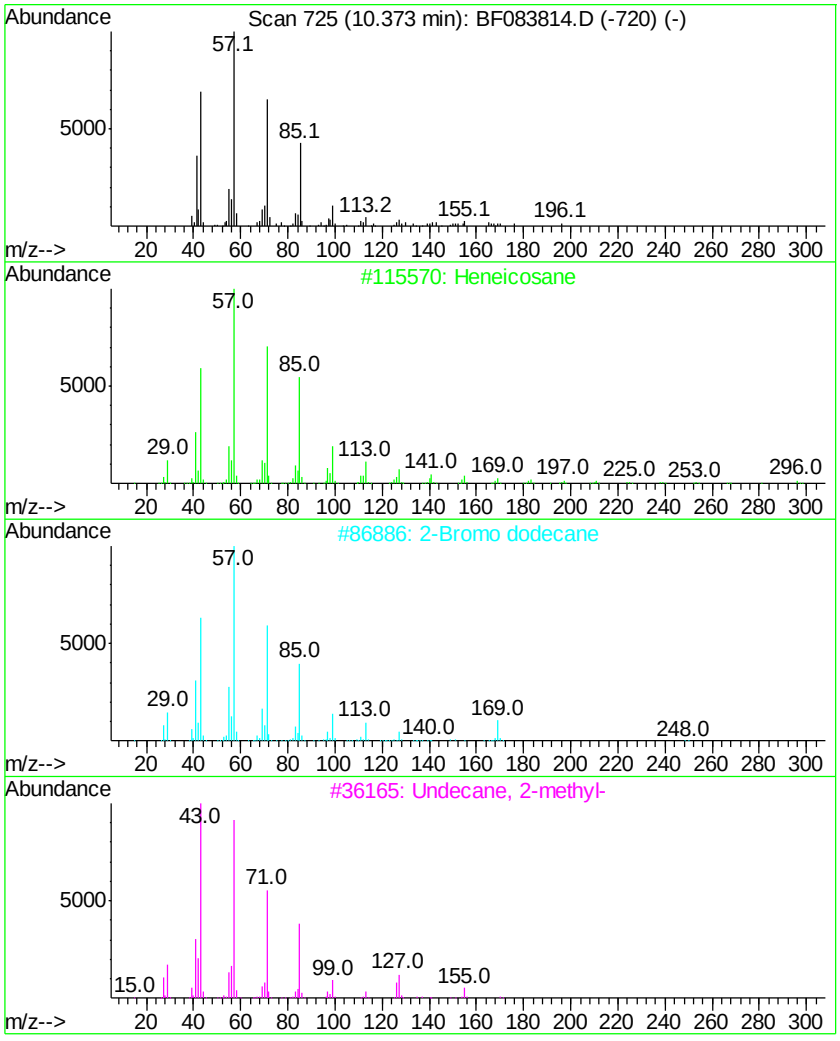
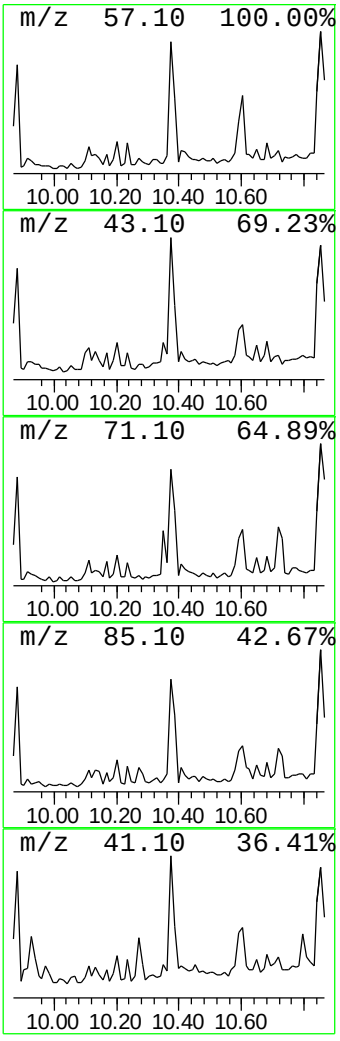
Peak Number 13 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.82 ng	277148	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

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Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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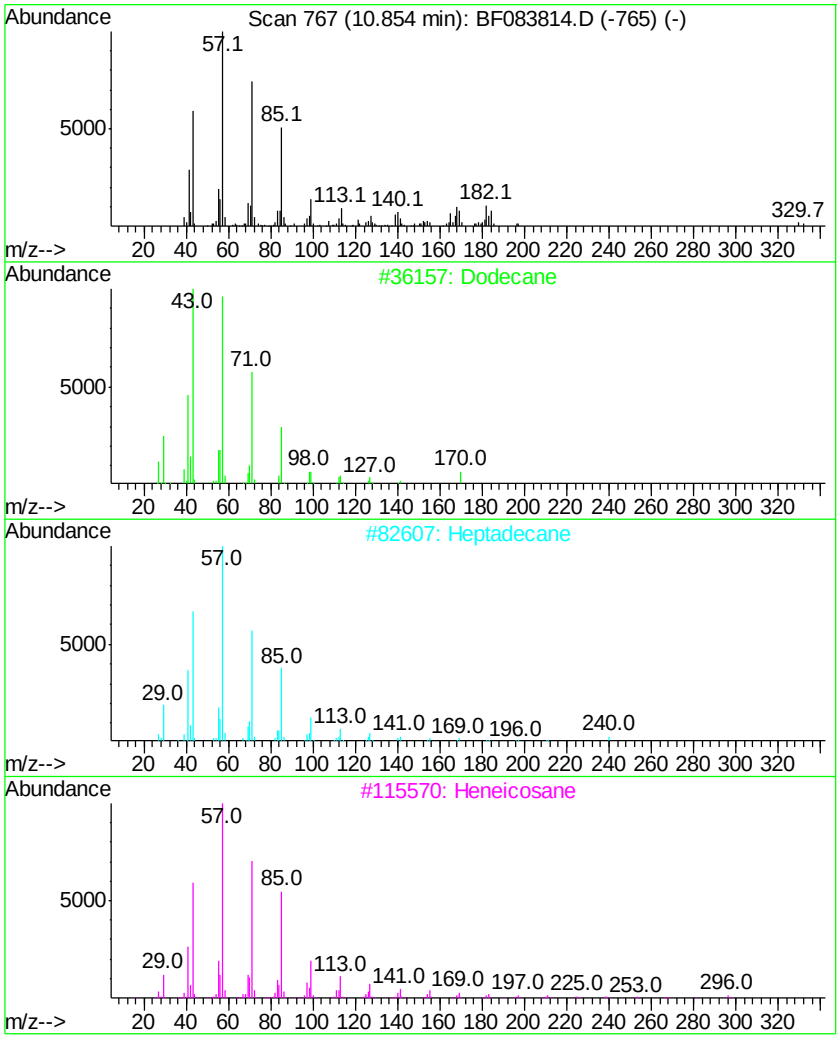
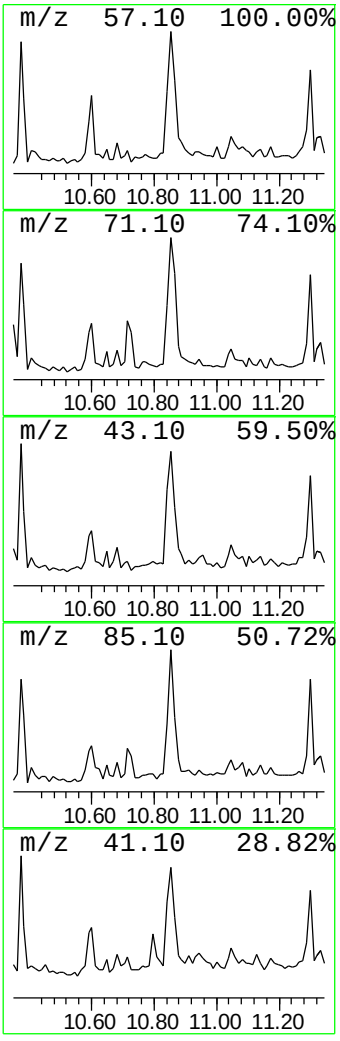
Peak Number 14 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	4.25 ng	284046	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Nonadecane	268	C19H40	000629-92-5	83





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Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

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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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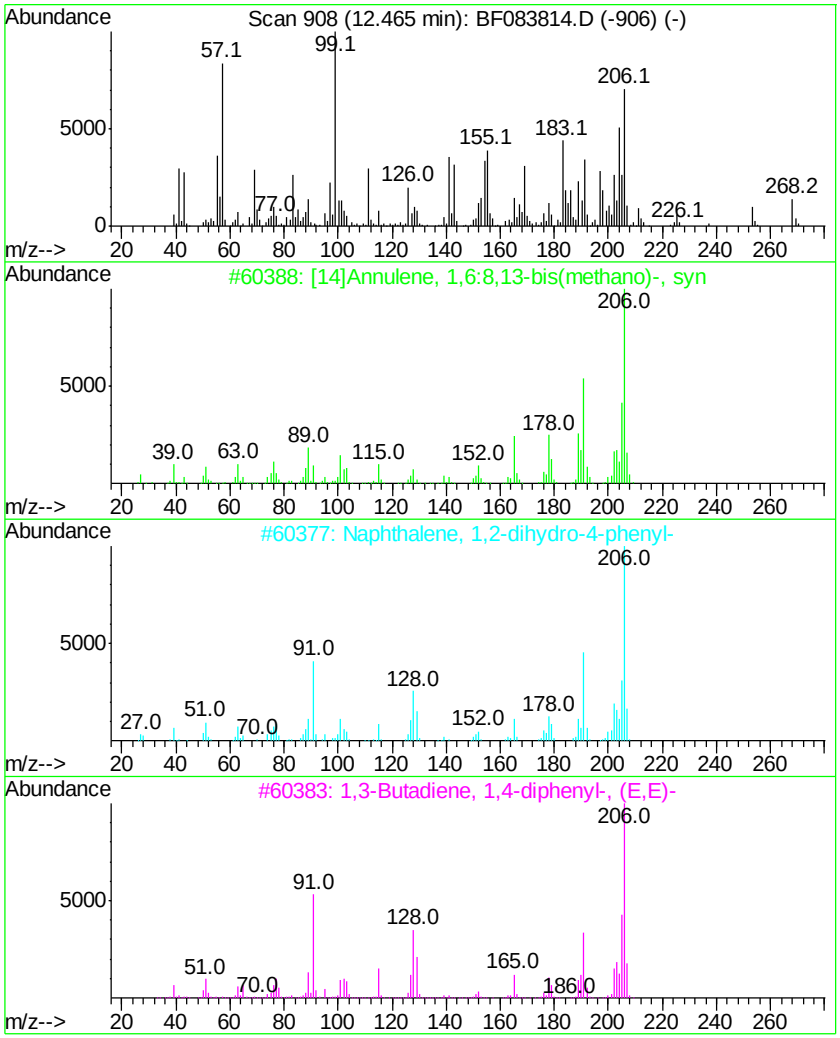
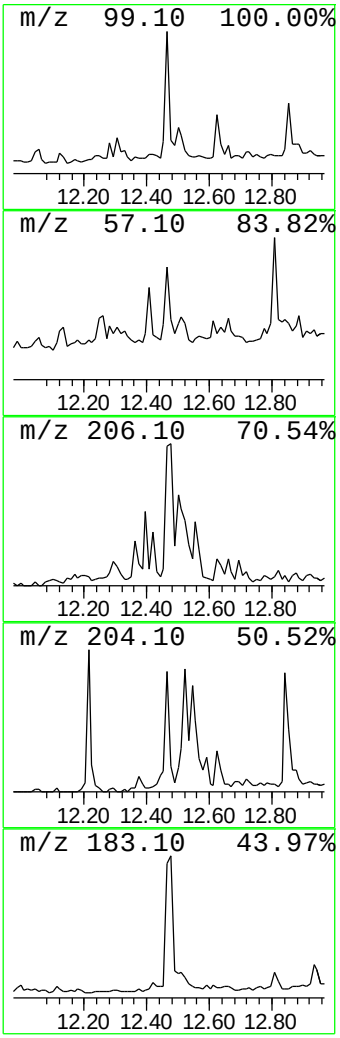
Peak Number 15 unknown12.47 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	6.19 ng	414312	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	41
4	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	22
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	11





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Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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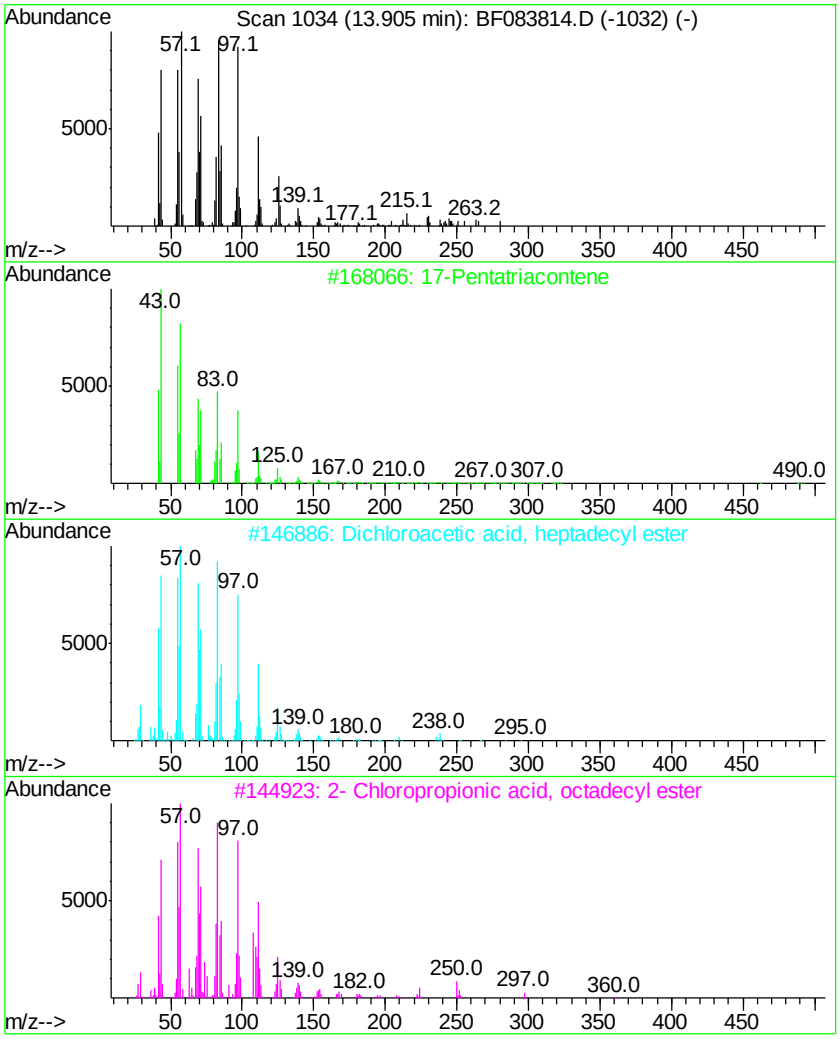
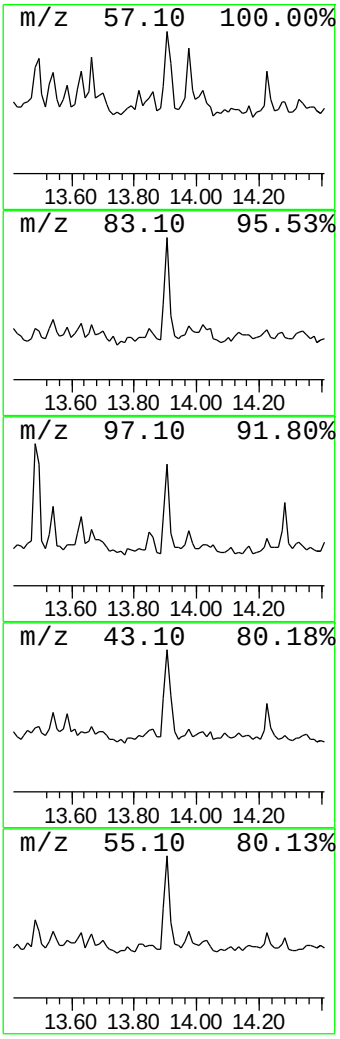
Peak Number 16 17-Pentatriacontene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.45 ng	216734	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4	1-Octadecanol	270	C18H38O	000112-92-5	81
5	1-Docosene	308	C22H44	001599-67-3	76





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Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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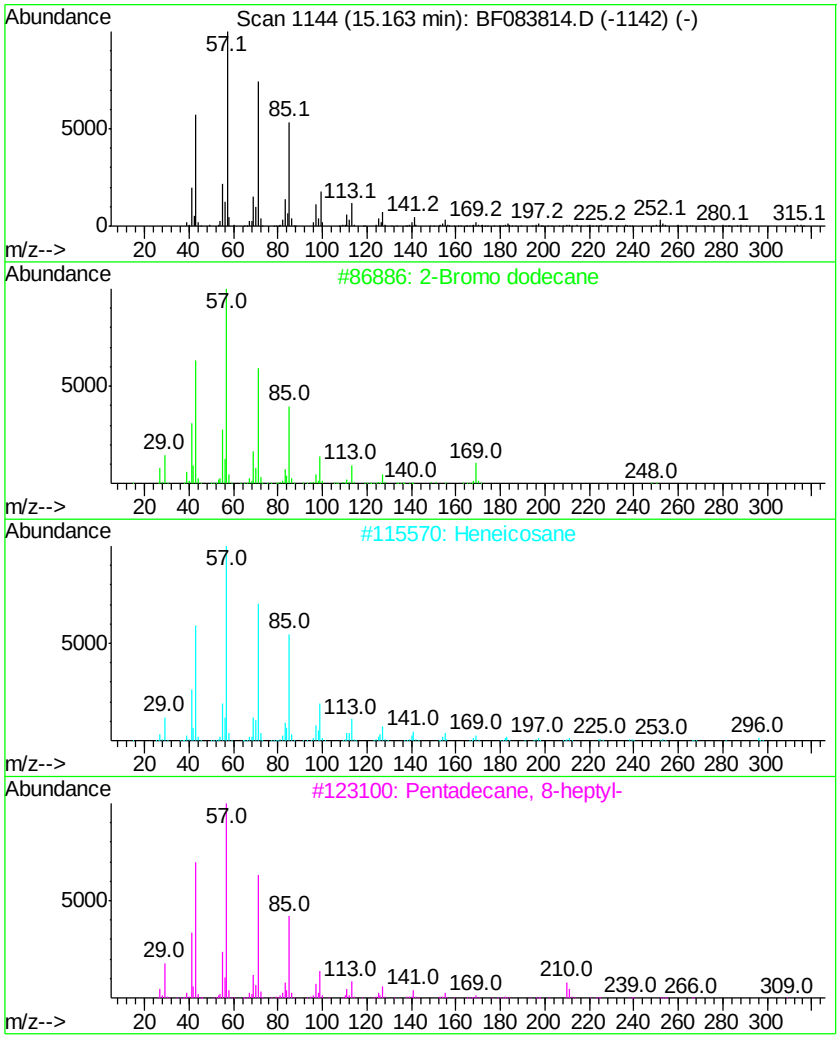
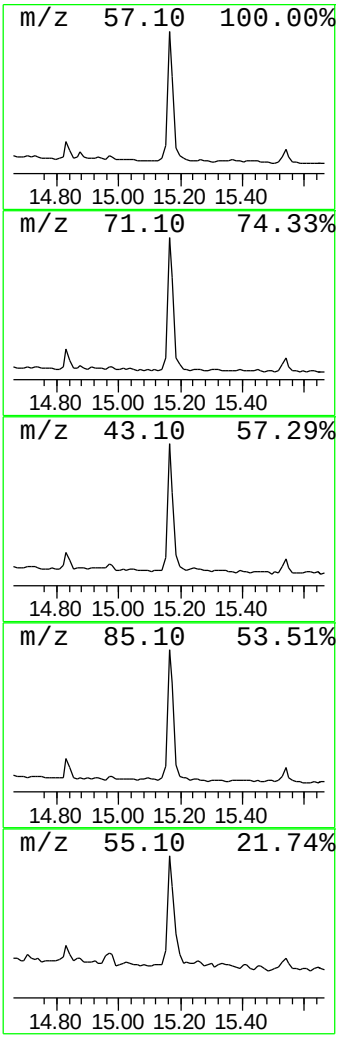
Peak Number 17 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	12.87 ng	642212	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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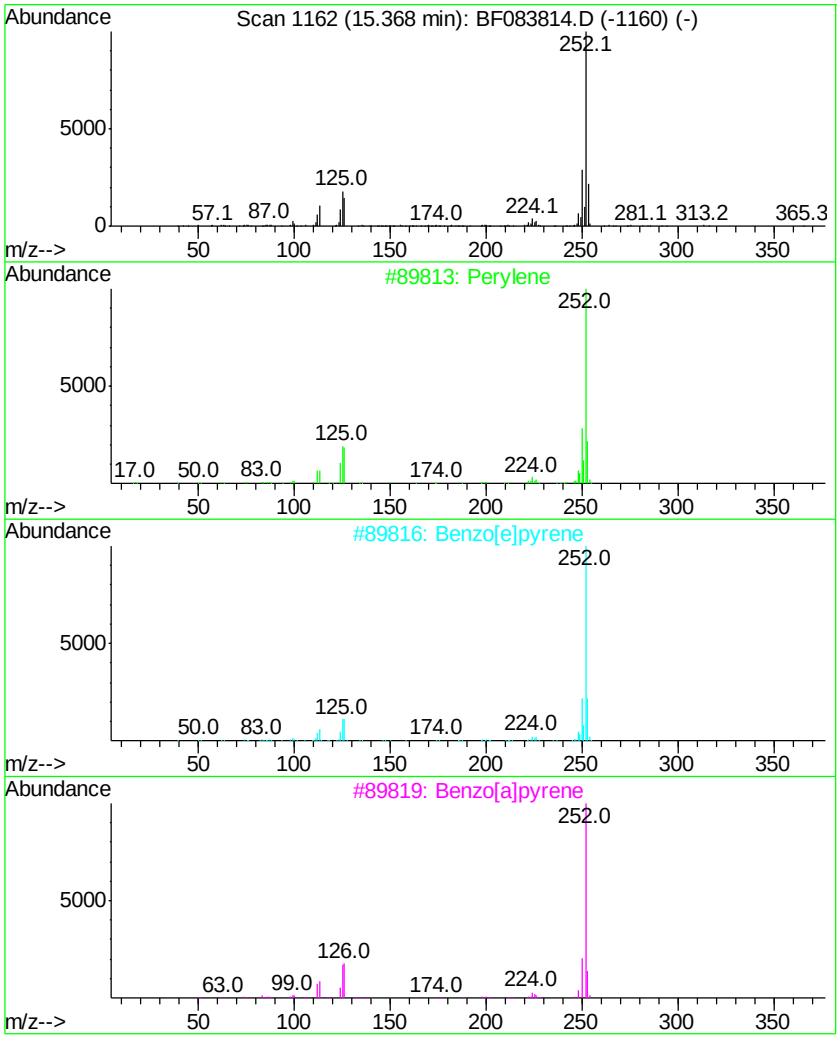
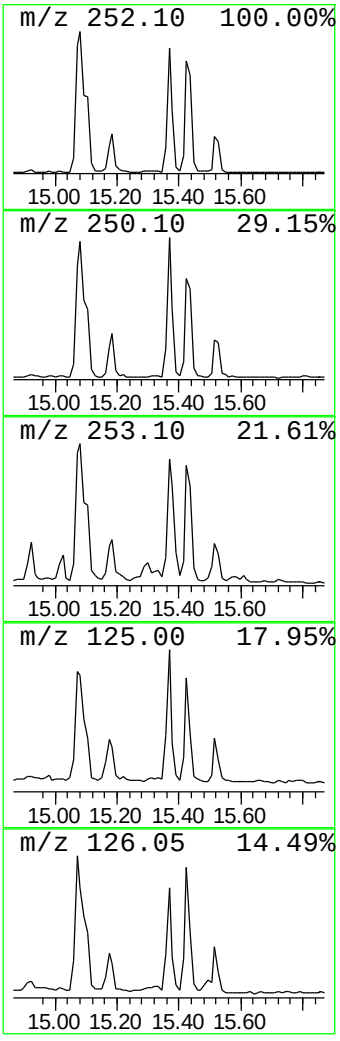
Peak Number 18 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	7.12 ng	355525	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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Data File : BF083814.D
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Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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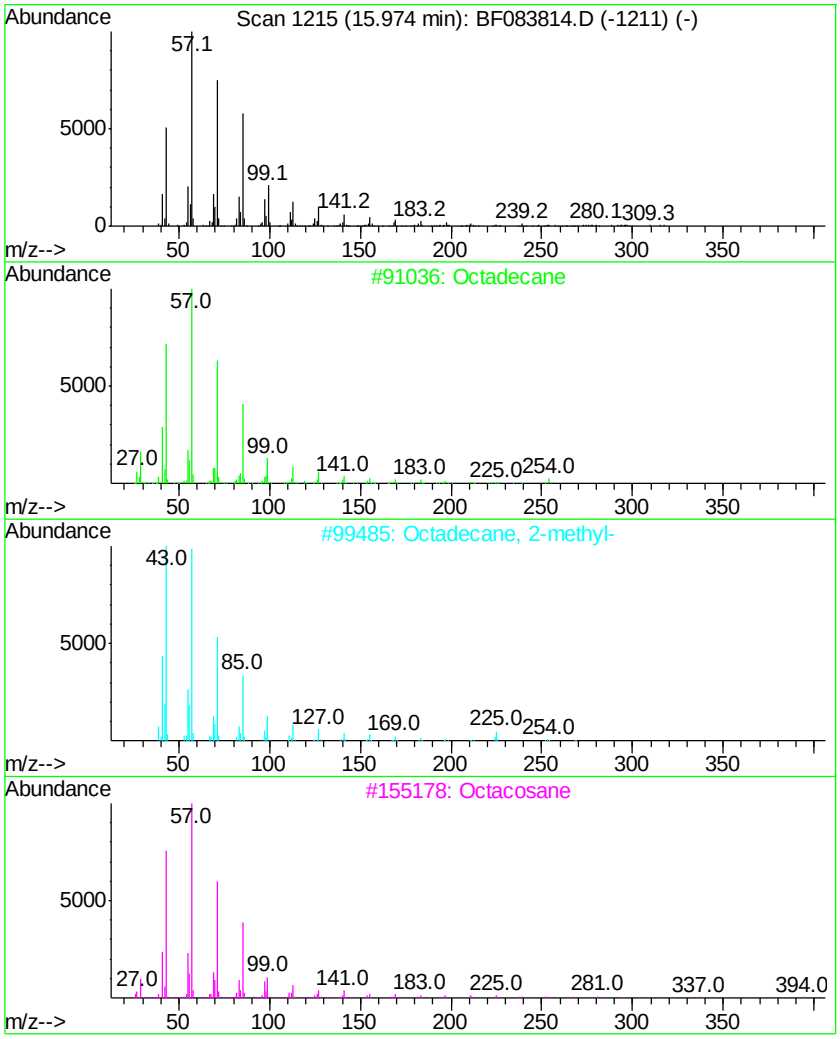
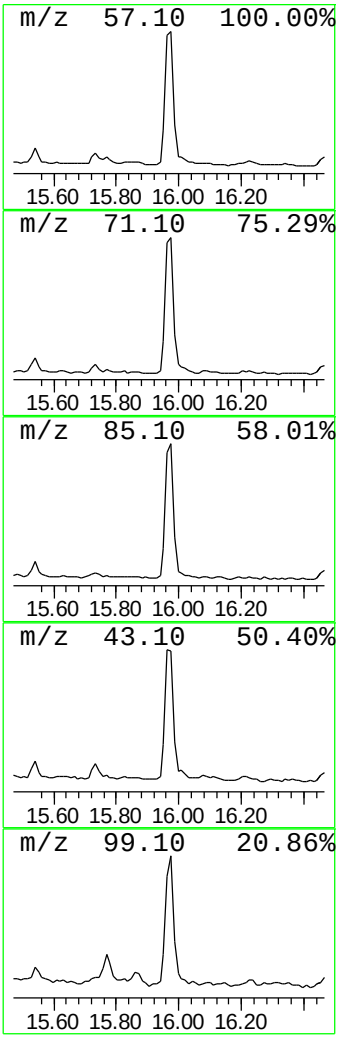
Peak Number 19 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.27 ng	662247	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratriacontane	479	C34H70	014167-59-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BF083814.D
Acq On : 15 Dec 2015 12:53
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.09	16.1	ng	637030	1	6.90	789677	20.0
Benzene, 1-etheny...	6.74	9.8	ng	386334	1	6.90	789677	20.0
Indene	7.16	3.8	ng	151582	1	6.90	789677	20.0
Benzene, 1-etheny...	7.52	3.9	ng	153037	1	6.90	789677	20.0
Benzenemethanethi...	7.76	4.2	ng	245261	2	8.18	1165620	20.0
1H-Indene, 1-methyl-	7.98	3.5	ng	204522	2	8.18	1165620	20.0
(1-(Methylthio)et...	9.39	4.1	ng	295669	3	9.94	1450970	20.0
Benzene, 1-methyl...	9.88	3.4	ng	244271	3	9.94	1450970	20.0
Heneicosane	10.37	3.8	ng	277148	3	9.94	1450970	20.0
Dodecane	10.85	4.3	ng	284046	4	11.43	1338060	20.0
unknown12.47	12.47	6.2	ng	414312	4	11.43	1338060	20.0
17-Pentatriacontene	13.91	3.5	ng	216734	5	14.05	1254740	20.0
2-Bromo dodecane	15.16	12.9	ng	642212	6	15.49	998023	20.0
Perylene	15.37	7.1	ng	355525	6	15.49	998023	20.0
Octadecane	15.97	13.3	ng	662247	6	15.49	998023	20.0