LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 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-BF120415.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	2.281	49	52	56	rBV	37817	76134	1.96%	0.158%
2	2.361	56	59	63	rVV	42236	71207	1.83%	0.148%
3	3.561	162	164	172	rBV	541556	957258	24.65%	1.993%
4	3.687	172	175	178	rBV	28682	50777	1.31%	0.106%
5	4.007	200	203	219	rBV	3115581	3874730	99.80%	8.066%
6	4.213	219	221	227	rBV	235942	365274	9.41%	0.760%
7	4.738	265	267	270	rVB	57504	77562	2.00%	0.161%
8	5.298	313	316	318	rBV	2377611	3882624	100.00%	8.083%
9	5.424	324	327	329	rBV	2620172	3823884	98.49%	7.960%
10	5.504	331	334	337	rBV	273242	490060	12.62%	1.020%
11	5.561	337	339	350	rVB	130662	264931	6.82%	0.552%
12	5.721	350	353	356	rBV	752252	911309	23.47%	1.897%
13	5.939	369	372	375	rBV	2418205	2882626	74.24%	6.001%
14	6.087	383	385	393	rBV	90008	186985	4.82%	0.389%
15	6.556	422	426	428	rBV	1515366	2466322	63.52%	5.134%
16	6.647	432	434	437	rVV	108870	187291	4.82%	0.390%
17	6.716	437	440	447	rVB	72359	131196	3.38%	0.273%
18	6.990	460	464	476	rVB2	268933	502311	12.94%	1.046%
19	7.264	484	488	490	rBV	64507	122261	3.15%	0.255%
20	7.333	490	494	496	rBV2	95928	184960	4.76%	0.385%
21	7.619	516	519	522	rBV	877574	1217669	31.36%	2.535%
22	7.996	550	552	557	rBV	209649	279476	7.20%	0.582%
23	8.087	557	560	567	rVB	241163	348087	8.97%	0.725%
24	8.373	579	585	589	rBV2	31105	75838	1.95%	0.158%
25	8.590	601	604	608	rBV5	22950	52431	1.35%	0.109%
26	8.670	608	611	616	rVV5	22022	51284	1.32%	0.107%
27	8.750	616	618	621	rVB2	57281	94033	2.42%	0.196%
28	8.899	628	631	634	rBV2	83999	135857	3.50%	0.283%
29	9.070	643	646	653	rVB2	37906	86398	2.23%	0.180%
30	9.185	653	656	659	rBV	52764	81611	2.10%	0.170%
31	9.242	659	661	664	rVB	85201	107793	2.78%	0.224%
32	9.367	665	672	675	rBV	2655461	3508819	90.37%	7.305%
33	9.550	686	688	689	rVV	65231	113699	2.93%	0.237%
34	9.585	689	691	694	rVB2	65289	107673	2.77%	0.224%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.825	710	712	715	rBV3	45134	76302	1.97%	0.159%
36	9.882	715	717	719	rVB	51792	65758	1.69%	0.137%
37	9.928	719	721	725	rBV3	23129	50478	1.30%	0.105%
38	9.996	725	727	729	rVV	101888	143035	3.68%	0.298%
39	10.053	729	732	735	rVV	505041	645078	16.61%	1.343%
40	10.179	740	743	746	rBV	194963	307748	7.93%	0.641%
41	10.408	757	763	770	rBV2	809459	1746069	44.97%	3.635%
42	10.819	797	799	802	rVV3	25263	50517	1.30%	0.105%
43	10.922	806	808	809	rBV2	59992	89573	2.31%	0.186%
44	10.956	809	811	815	rVV3	54318	114508	2.95%	0.238%
45	11.025	815	817	820	rVB3	31988	55177	1.42%	0.115%
46	11.093	820	823	826	rBV3	49864	114387	2.95%	0.238%
47	11.151	826	828	830	rVV	34858	46361	1.19%	0.097%
48	11.253	834	837	840	rVV	184488	305659	7.87%	0.636%
49	11.311	840	842	846	rVB3	45470	92804	2.39%	0.193%
50	11.471	854	856	860	rVB2	28222	48667	1.25%	0.101%
51	11.596	863	867	871	rBV3	66638	185222	4.77%	0.386%
52	11.699	874	876	880	rBV	1152660	1841450	47.43%	3.833%
53	11.916	892	895	899	rVB4	35893	82821	2.13%	0.172%
54	12.031	902	905	913	rBV3	164241	479383	12.35%	0.998%
55	12.351	930	933	934	rBV2	24971	54962	1.42%	0.114%
56	12.442	938	941	944	rBV5	29586	68215	1.76%	0.142%
57	12.636	956	958	963	rVB2	24111	54817	1.41%	0.114%
58	12.762	966	969	971	rBV	91601	117374	3.02%	0.244%
59	12.808	971	973	975	rVV	760855	1008878	25.98%	2.100%
60	12.842	975	976	979	rVB	217723	253171	6.52%	0.527%
61	12.934	979	984	986	rBV2	87253	178685	4.60%	0.372%
62	12.991	986	989	991	rBV2	27443	67484	1.74%	0.140%
63	13.231	1007	1010	1012	rBV2	27616	69303	1.78%	0.144%
64	13.459	1028	1030	1034	rVB3	39431	65765	1.69%	0.137%
65	13.642	1043	1046	1048	rBV2	42950	86641	2.23%	0.180%
66	13.688	1048	1050	1052	rVV	42472	58920	1.52%	0.123%
67	13.756	1054	1056	1058	rVV	29730	50597	1.30%	0.105%
68	13.802	1058	1060	1062	rVV3	92586	159492	4.11%	0.332%
69	13.859	1062	1065	1070	rVB2	179545	344170	8.86%	0.716%
70	14.134	1087	1089	1091	rBV2	39857	55105	1.42%	0.115%
71	14.374	1108	1110	1113	rBV3	23420	47765	1.23%	0.099%

LSC Area Percent Report

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Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.545	1122	1125	1128	rBV3	185355	406301	10.46%	0.846%
73	14.637	1131	1133	1135	rVV2	45729	61106	1.57%	0.127%
74	14.774	1142	1145	1149	rVB	417533	570211	14.69%	1.187%
75	14.899	1154	1156	1157	rBV	45892	55130	1.42%	0.115%
76	14.934	1157	1159	1163	rVB	71284	109458	2.82%	0.228%
77	15.002	1163	1165	1167	rBV	38386	71657	1.85%	0.149%
78	15.128	1173	1176	1180	rVB	507403	778816	20.06%	1.621%
79	15.437	1200	1203	1206	rVB	1284701	1999087	51.49%	4.162%
80	15.631	1218	1220	1222	rBV2	45675	93195	2.40%	0.194%
81	15.802	1233	1235	1238	rBV2	44453	66369	1.71%	0.138%
82	15.860	1238	1240	1243	rBV2	60852	113745	2.93%	0.237%
83	15.997	1250	1252	1254	rVB	64226	84015	2.16%	0.175%
84	16.945	1333	1335	1338	rBV2	160947	305979	7.88%	0.637%
85	17.014	1338	1341	1343	rBV2	850550	1308441	33.70%	2.724%
86	17.185	1354	1356	1358	rBV2	52709	75604	1.95%	0.157%
87	17.540	1385	1387	1389	rVB	87904	112720	2.90%	0.235%
88	17.757	1404	1406	1413	rVB2	142133	287638	7.41%	0.599%
89	18.271	1450	1451	1456	rVB	308315	561500	14.46%	1.169%
90	18.374	1459	1460	1463	rVV	93139	132278	3.41%	0.275%
91	18.431	1463	1465	1469	rVV	574970	759040	19.55%	1.580%
92	18.546	1473	1475	1478	rVB	226589	248840	6.41%	0.518%
93	18.603	1478	1480	1482	rBV	213904	244503	6.30%	0.509%
94	18.648	1482	1484	1486	rVB	441435	522709	13.46%	1.088%
95	18.911	1505	1507	1511	rVB3	97202	178340	4.59%	0.371%
96	19.106	1521	1524	1527	rBV	590963	962427	24.79%	2.004%
97	19.746	1577	1580	1585	rVB3	100108	214058	5.51%	0.446%
98	19.906	1591	1594	1598	rVV	137032	252548	6.50%	0.526%
99	19.974	1598	1600	1604	rVB	83314	160717	4.14%	0.335%
100	20.271	1623	1626	1628	rBV	117082	246995	6.36%	0.514%

Sum of corrected areas: 48036138

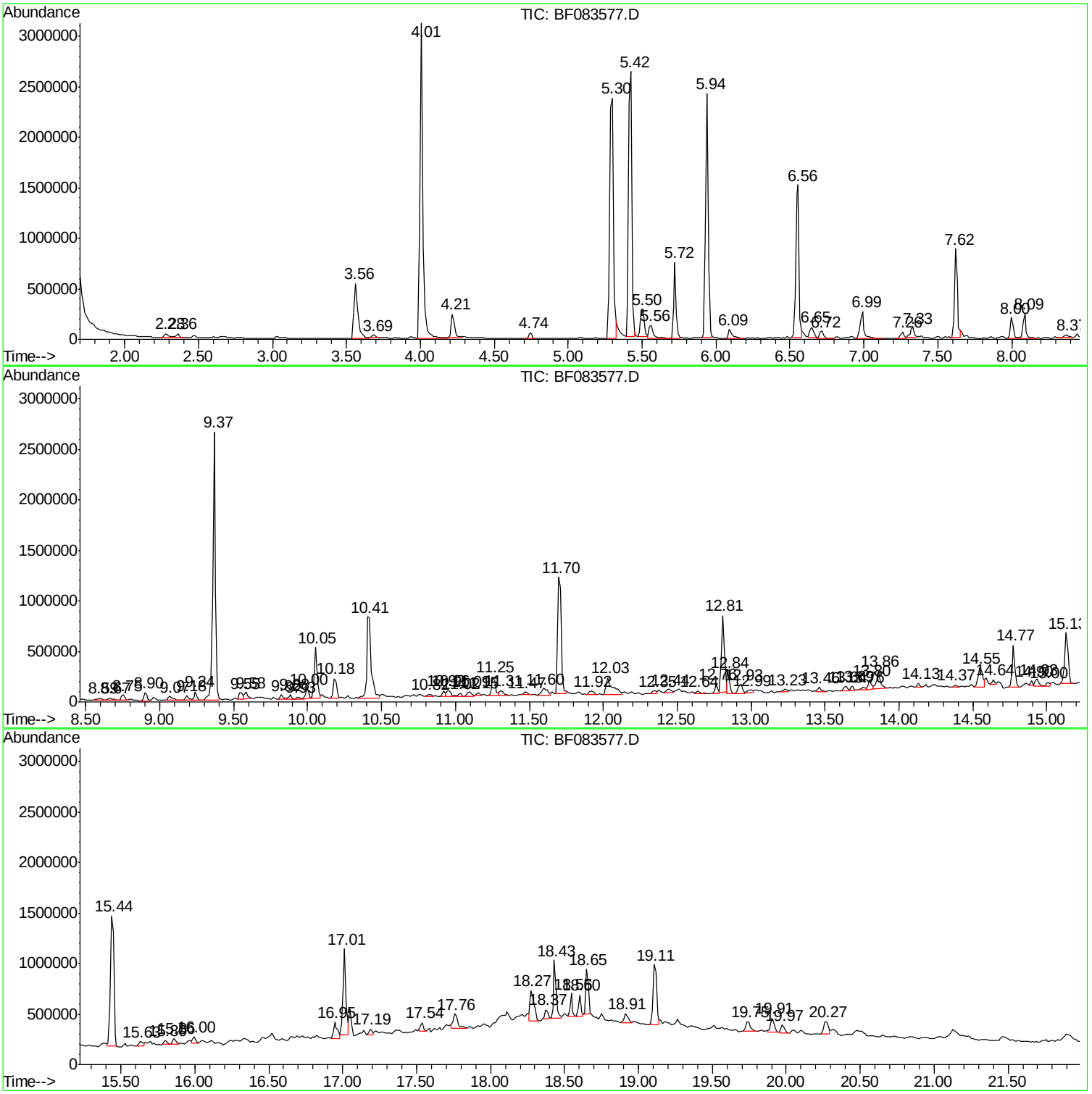
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

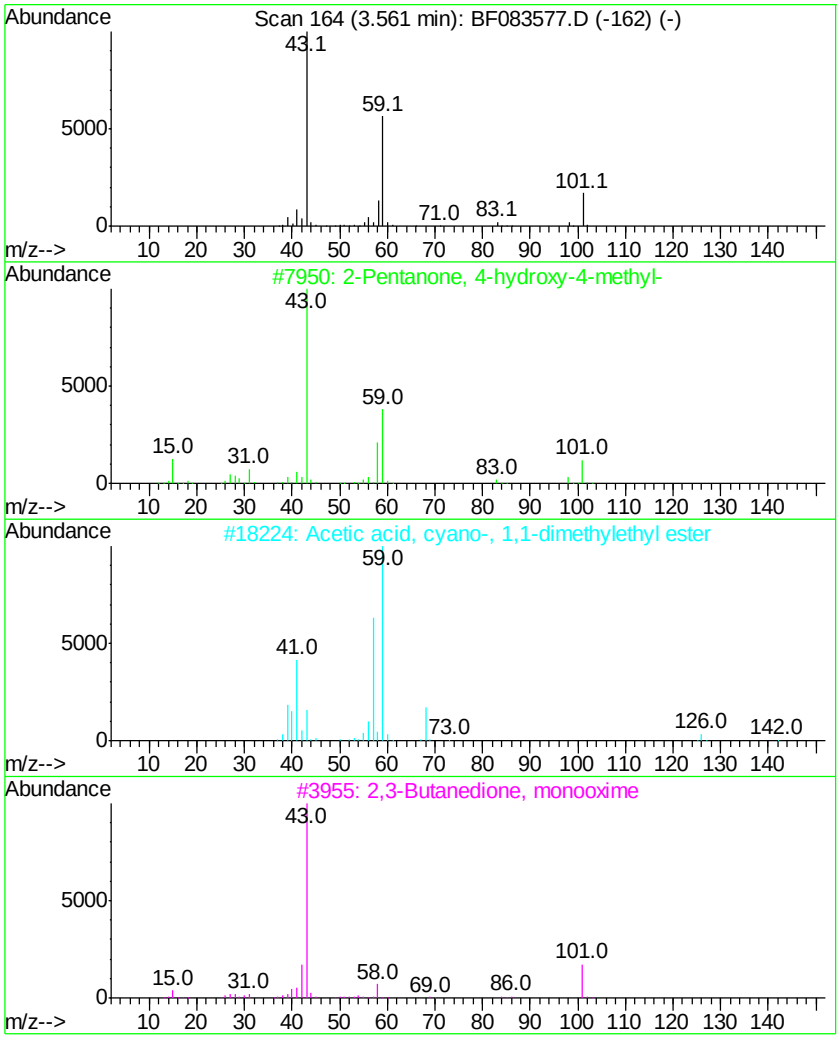
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

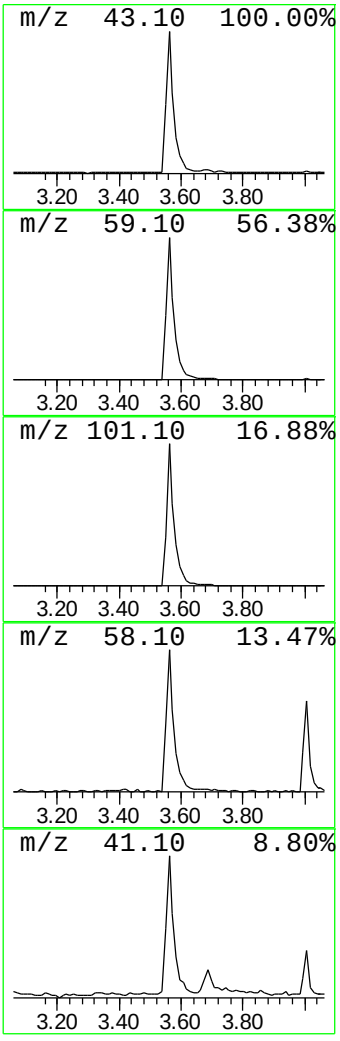
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	21.01 ng	957258	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

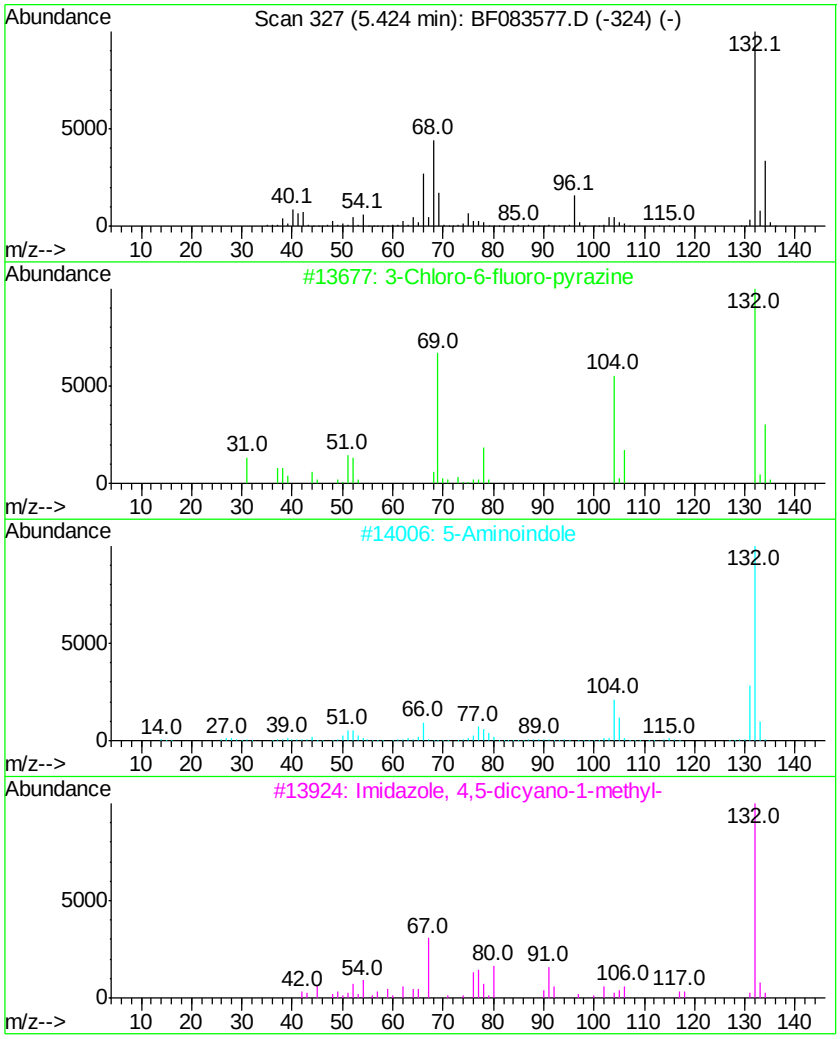
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

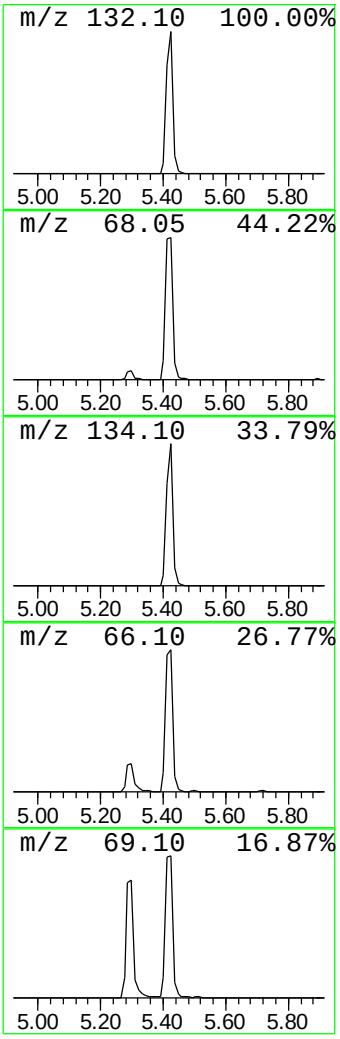
****

Peak Number 3 unknown5.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	83.92 ng	3823880	1,4-Dichlorobenzene-d4	5.72

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	9
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

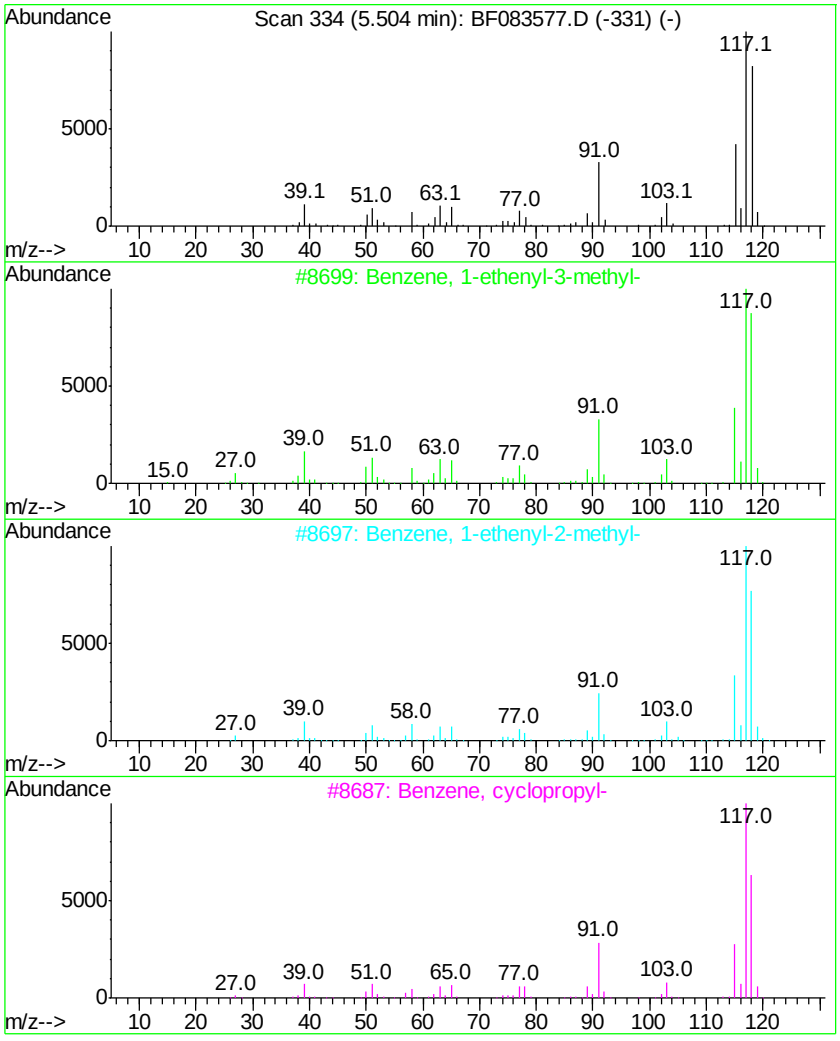
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

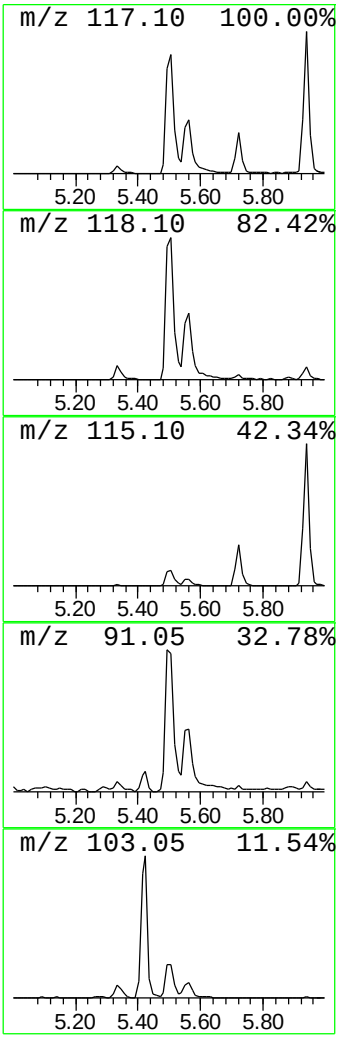
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	10.76 ng	490060	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

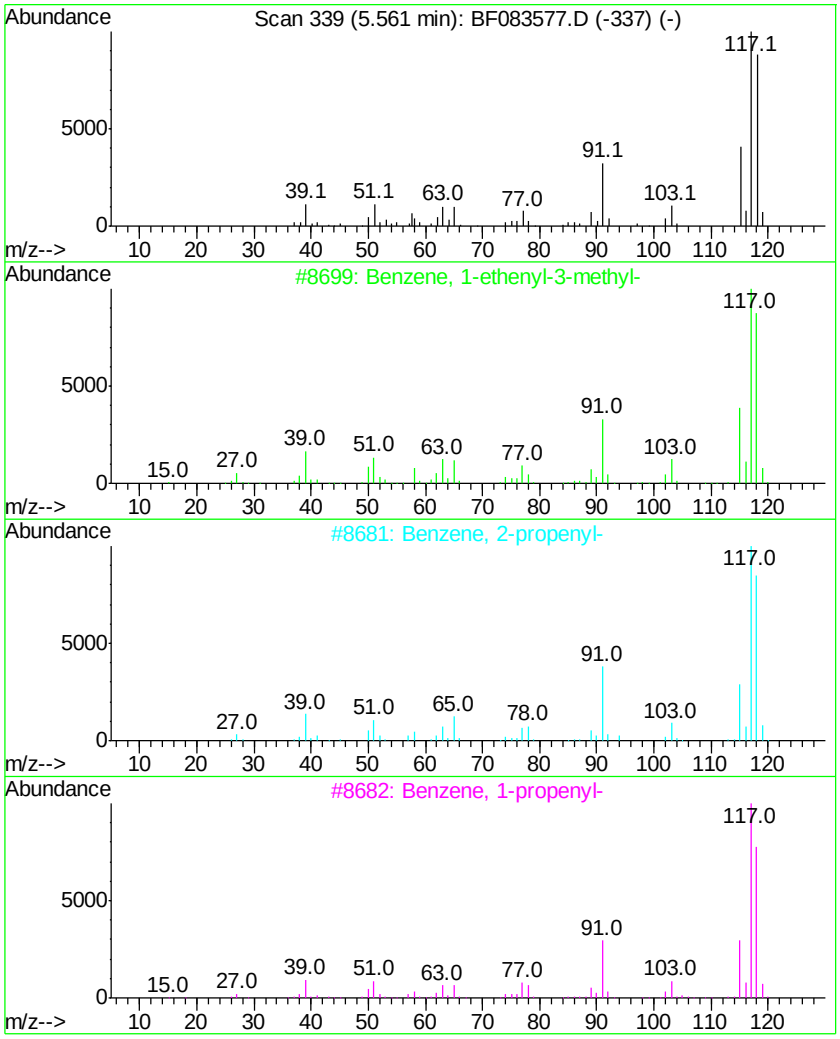
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

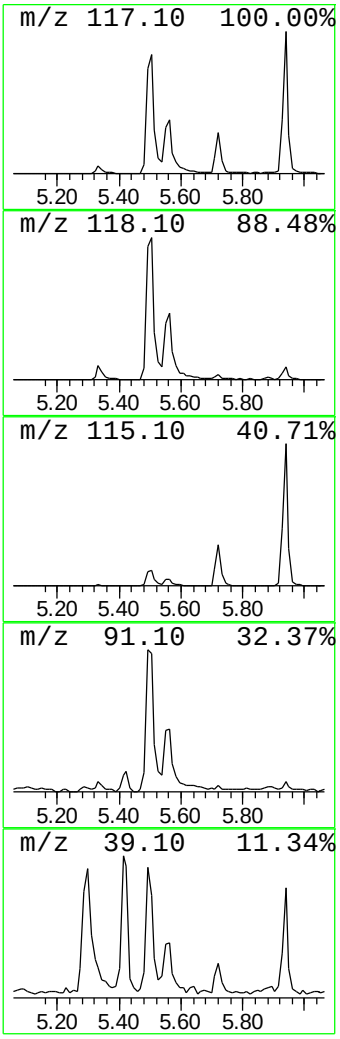
****

Peak Number 5 Benzene, 2-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	5.81 ng	264931	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

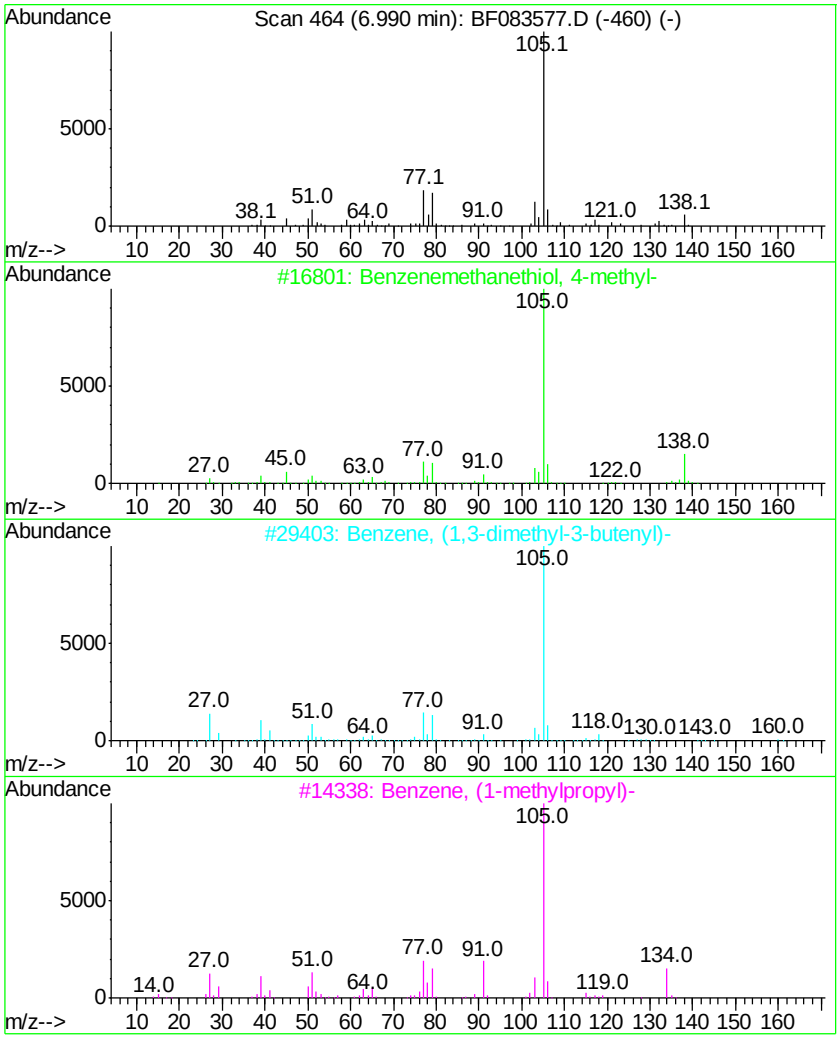
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

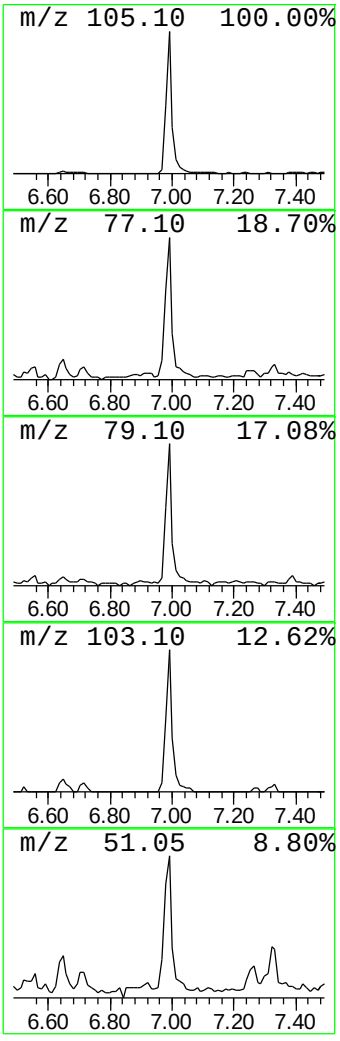
****

Peak Number 7 Benzenemethanethiol, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	8.25 ng	502311	Naphthalene-d8	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	64
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	59
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59
4	2-Tolyloxirane	134	C9H10O	002783-26-8	59
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

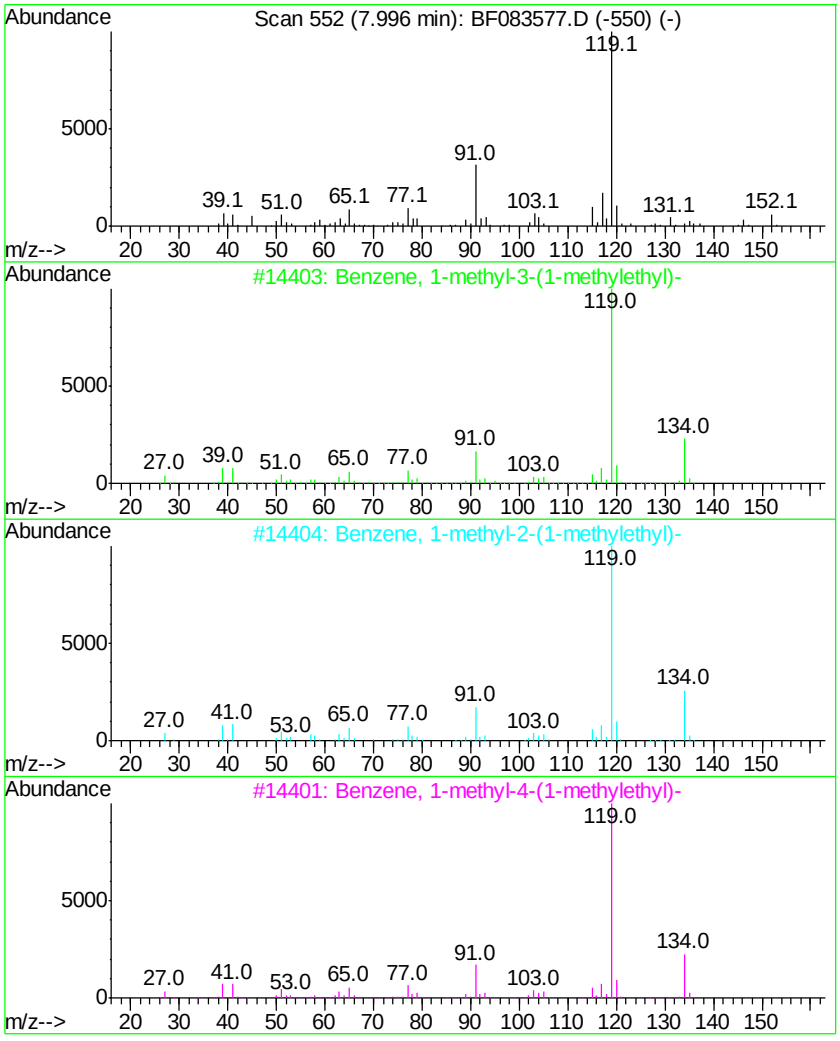
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

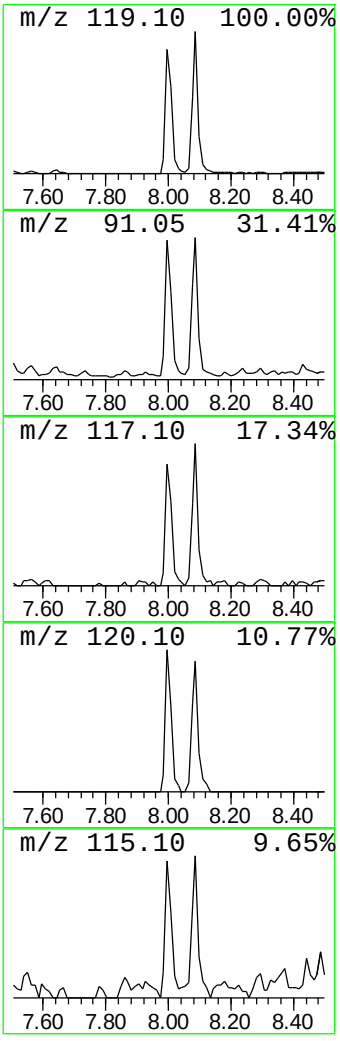
****

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	4.59 ng	279476	Naphthalene-d8	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





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Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

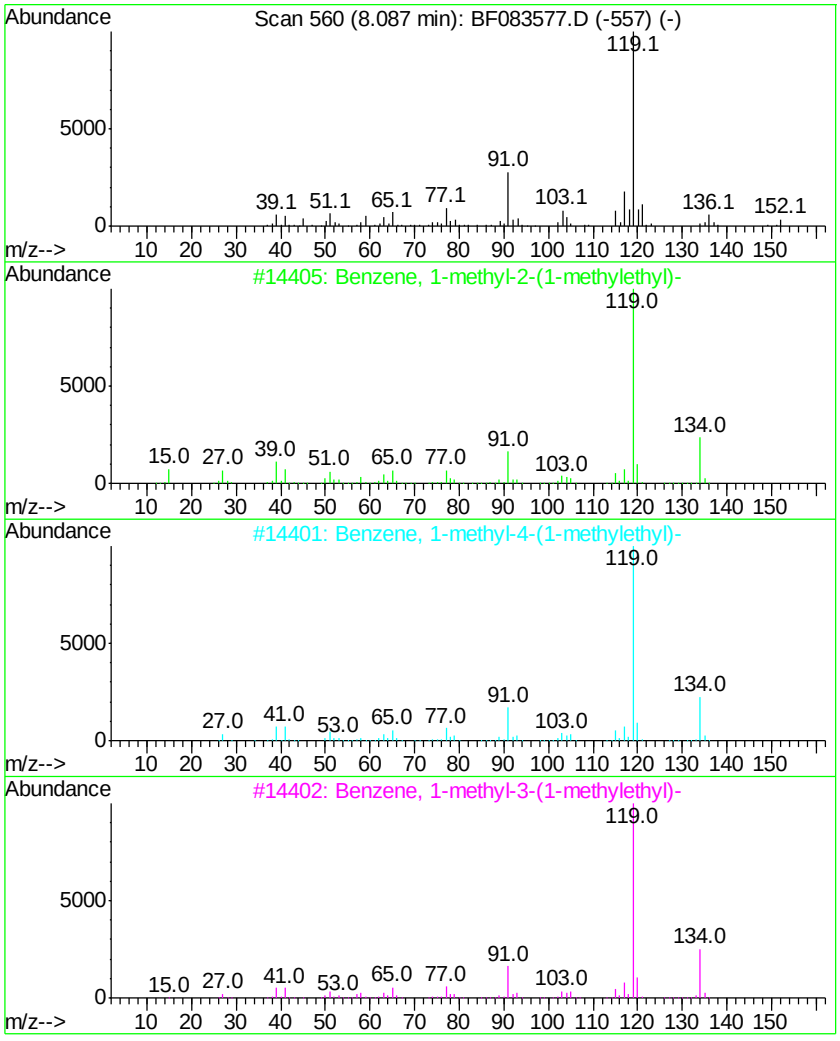
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

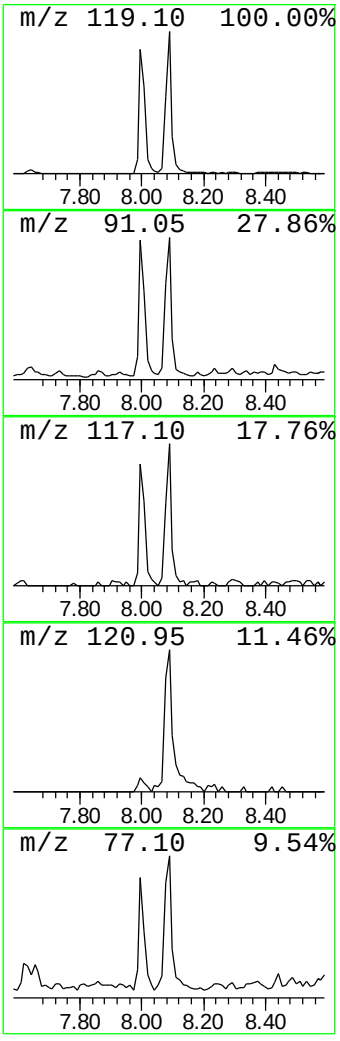
****

Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.72 ng	348087	Naphthalene-d8	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	81
2	Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	81
3	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	74
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59





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Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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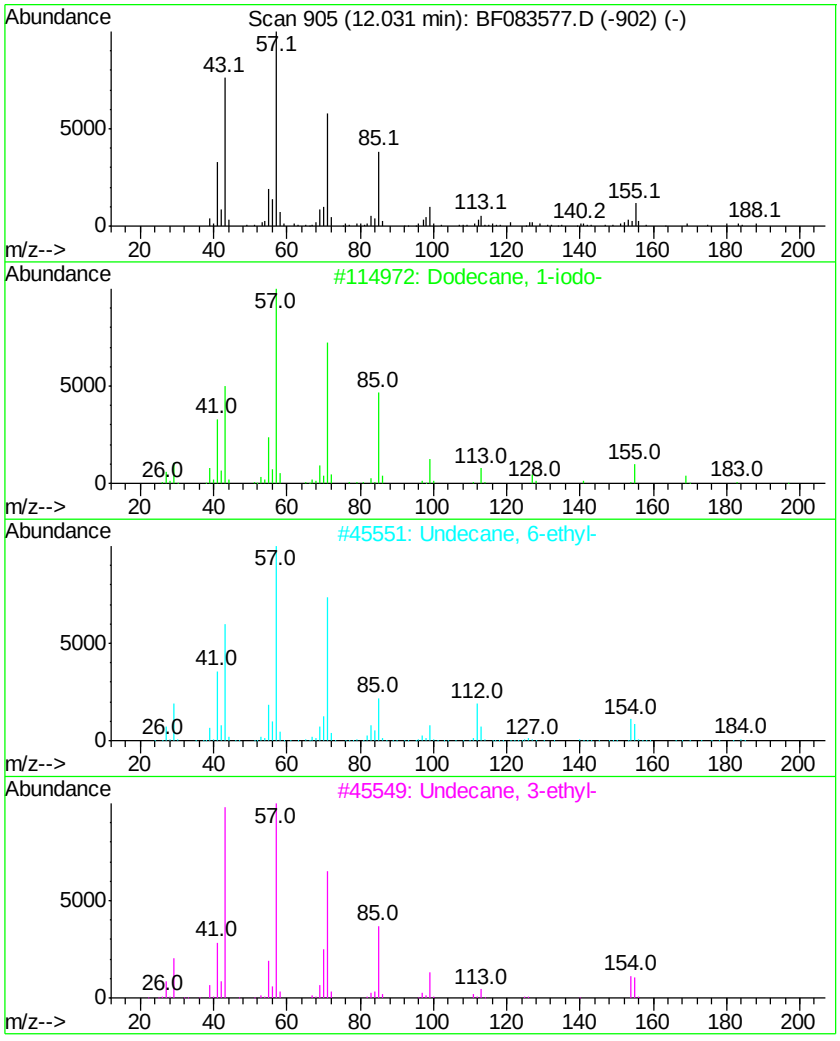
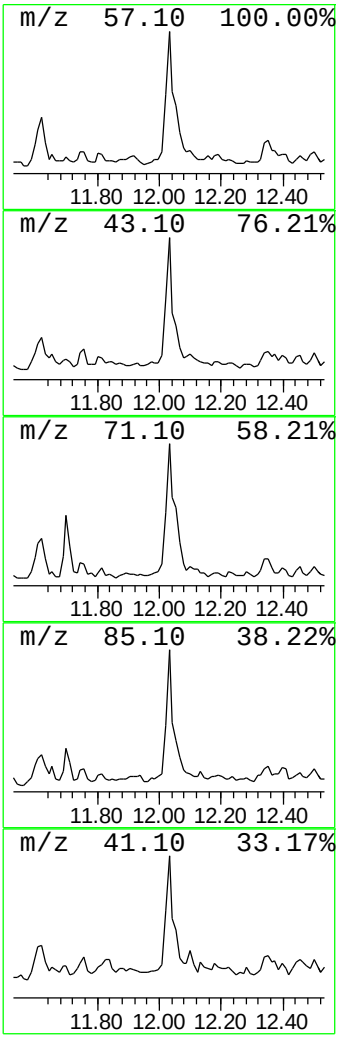
Peak Number 10 Dodecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.50 ng	479383	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	86
3	Undecane, 3-ethyl-	184	C13H28	017312-58-2	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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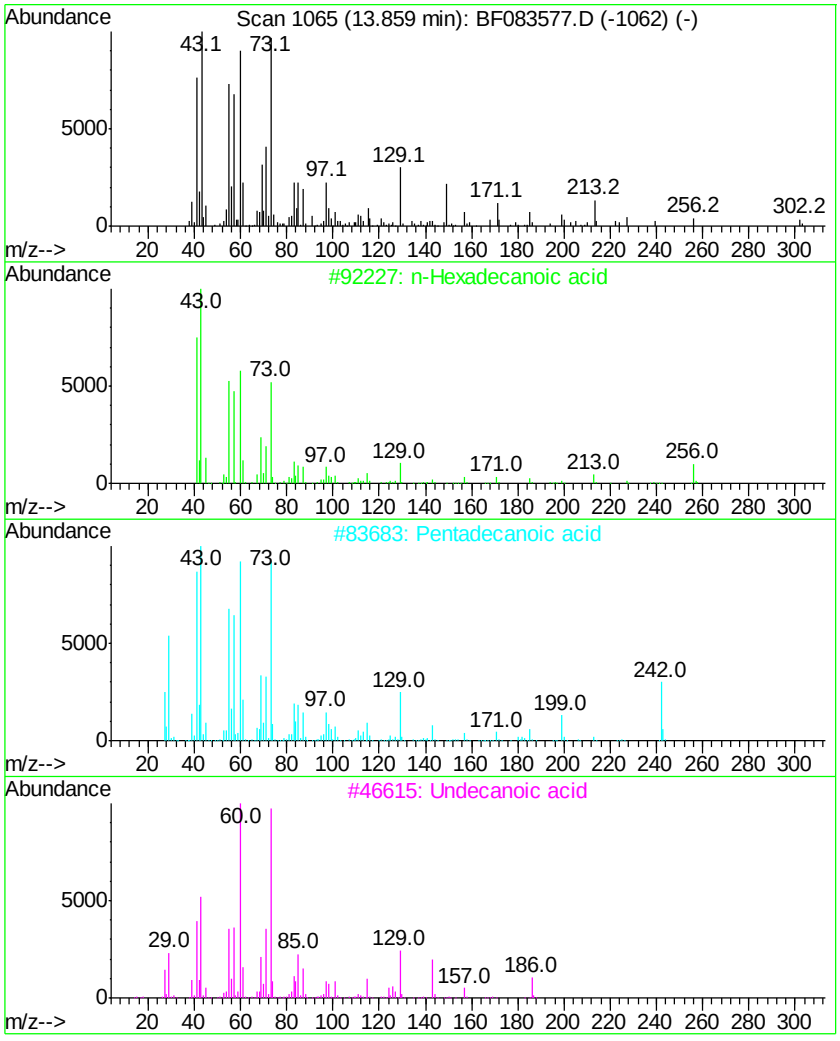
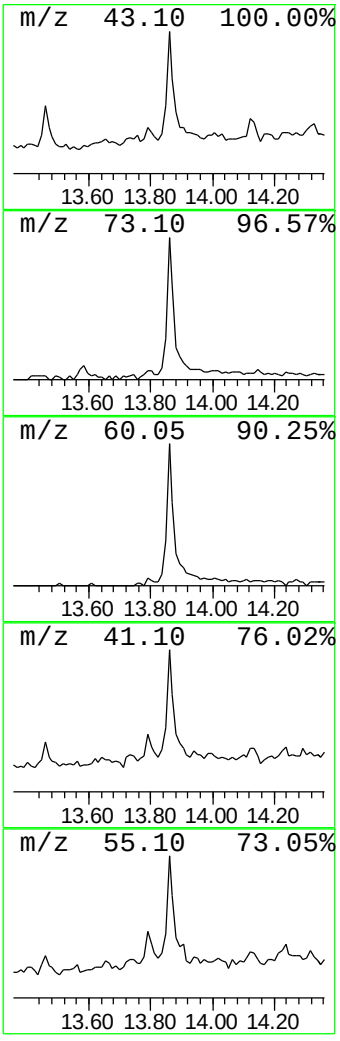
Peak Number 11 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.82 ng	344170	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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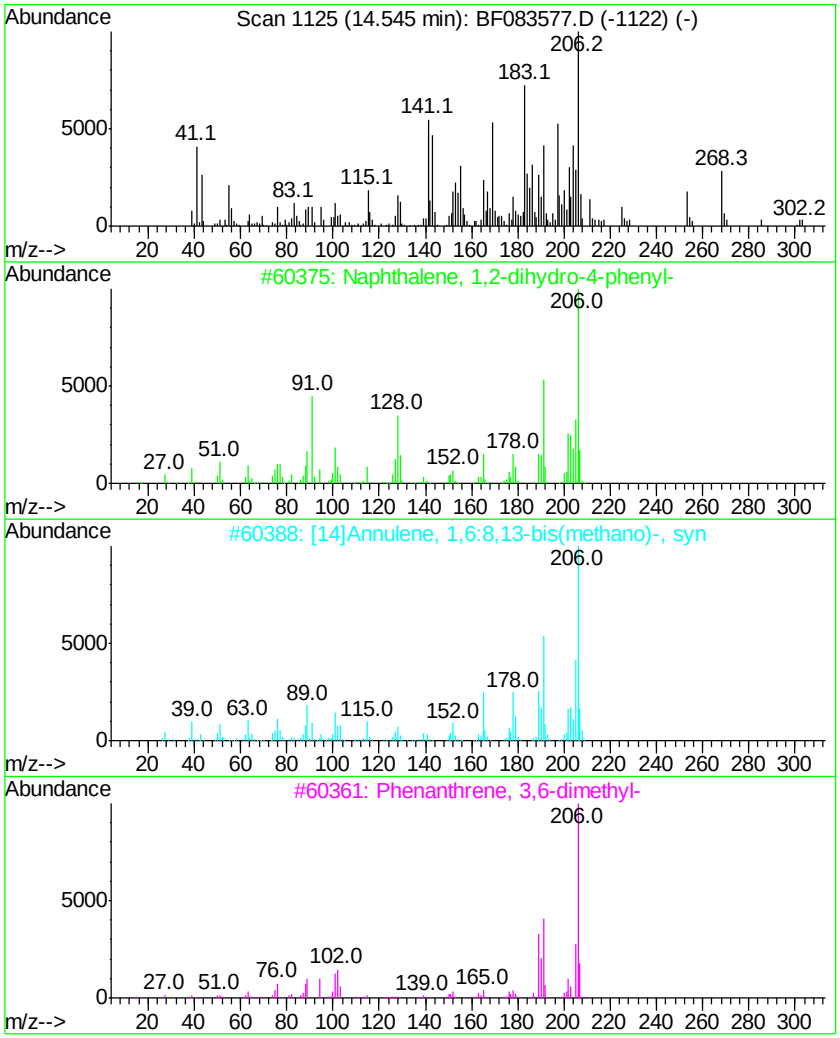
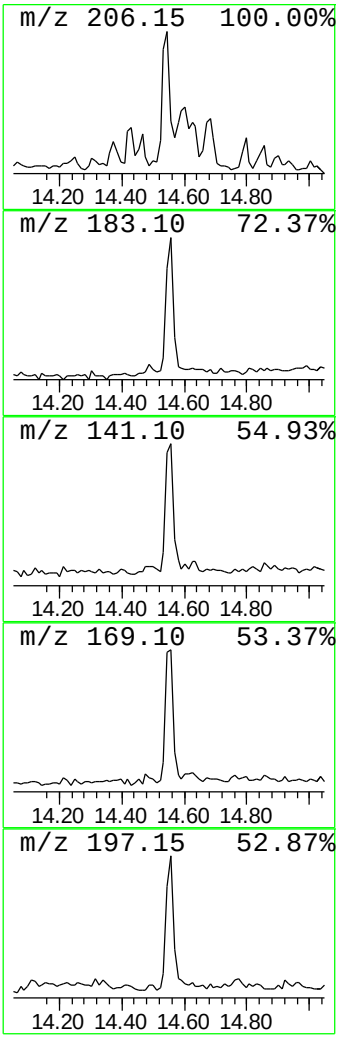
Peak Number 12 Naphthalene, 1,2-dihydro-4-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	8.05 ng	406301	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	62
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	35
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	35





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Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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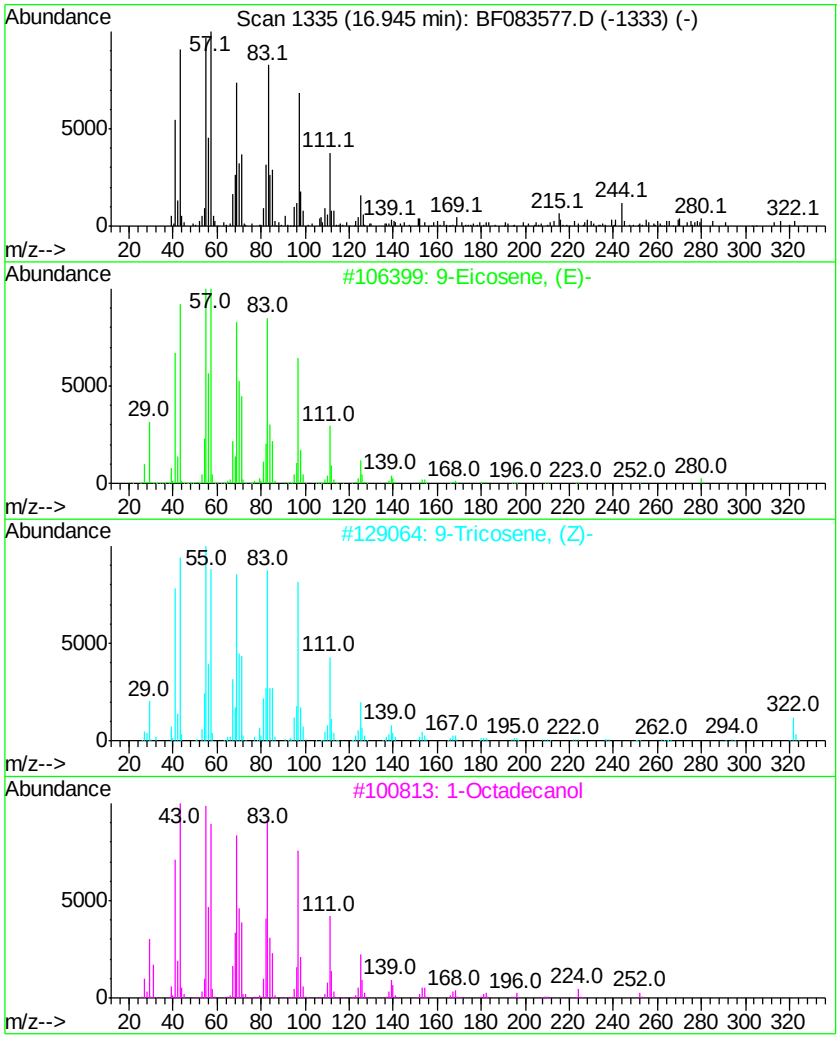
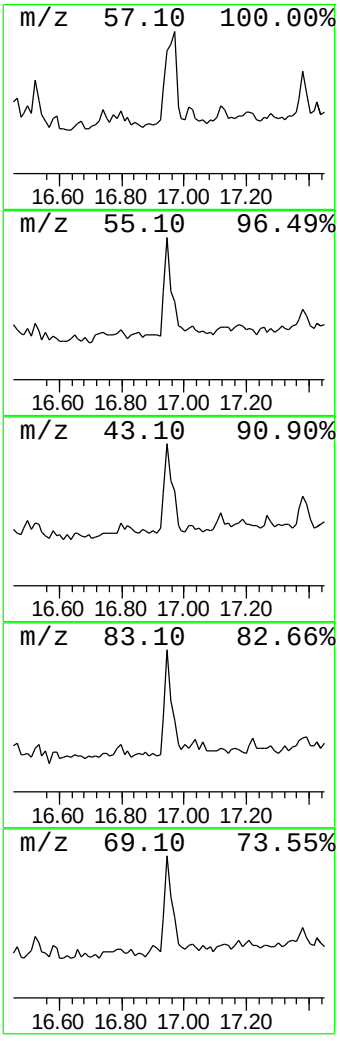
Peak Number 13 9-Eicosene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	4.68 ng	305979	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3	1-Octadecanol	270	C18H38O	000112-92-5	90
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	1-Tricosene	322	C23H46	018835-32-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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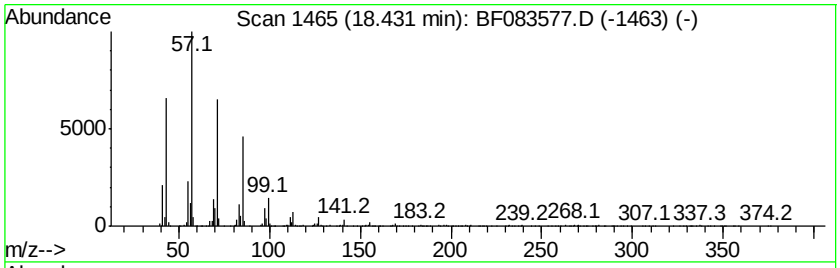
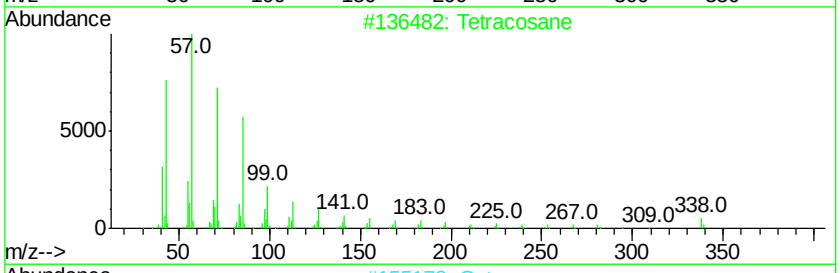
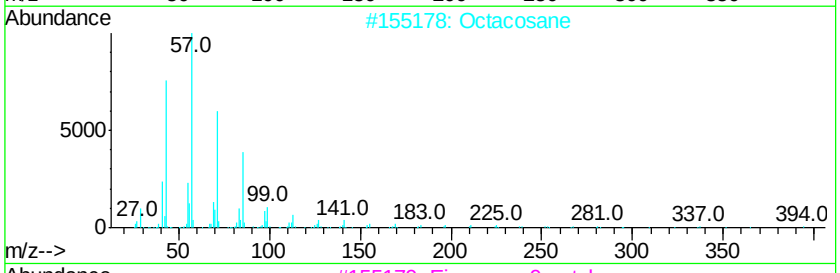
Peak Number 15 Tetracosane Concentration Rank 4

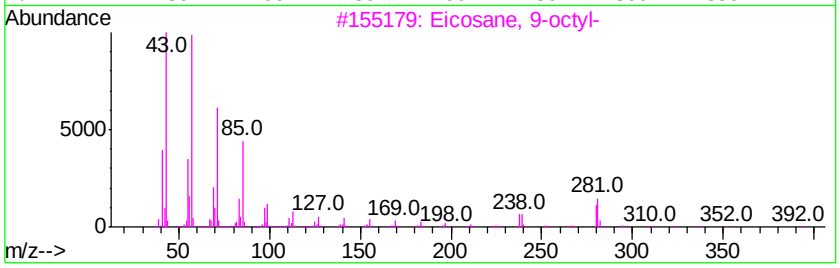
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	29.04 ng	759040	Perylene-d12	18.65

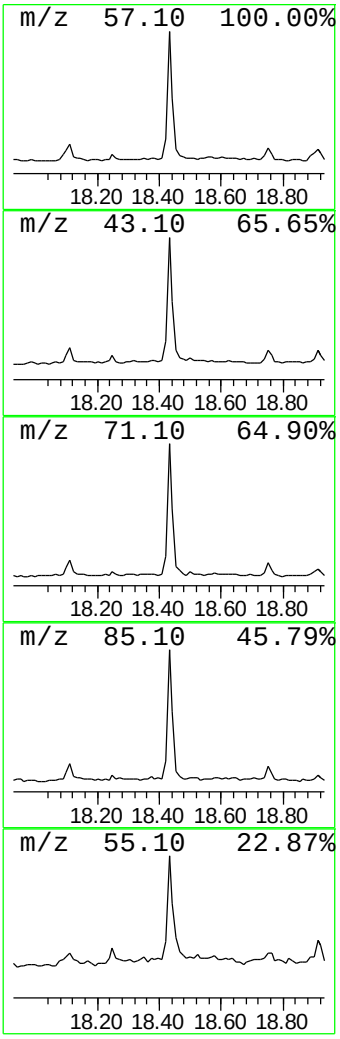
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87











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Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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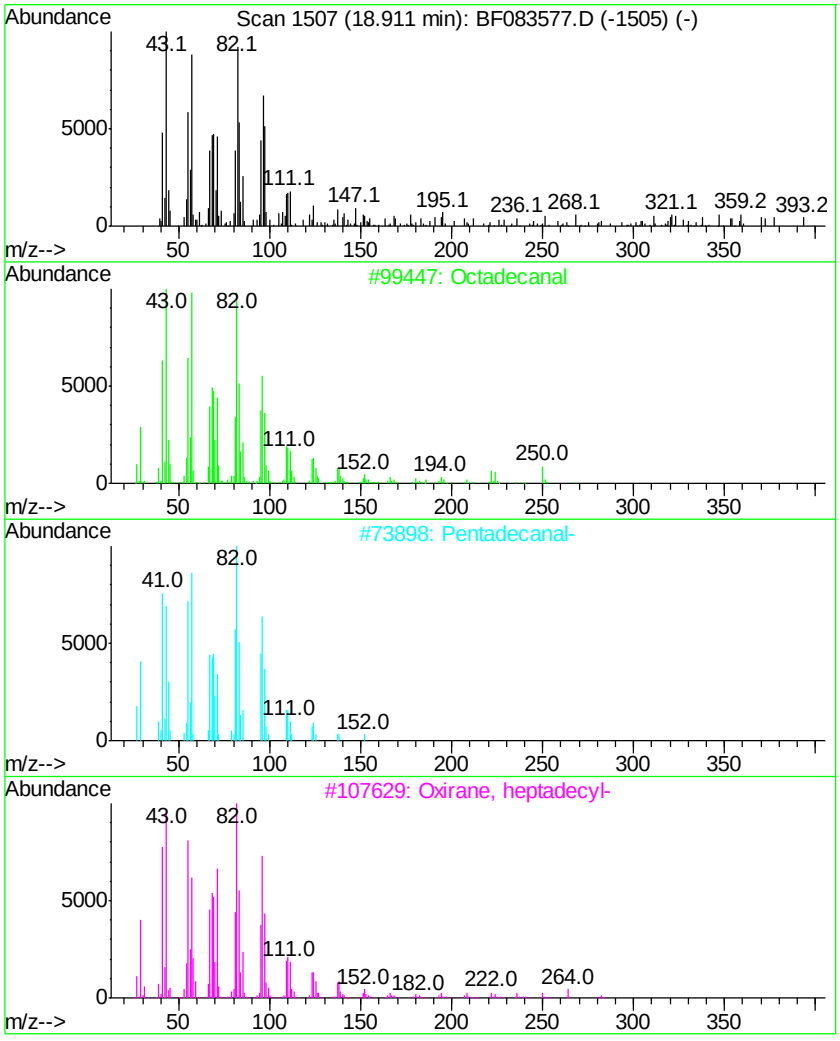
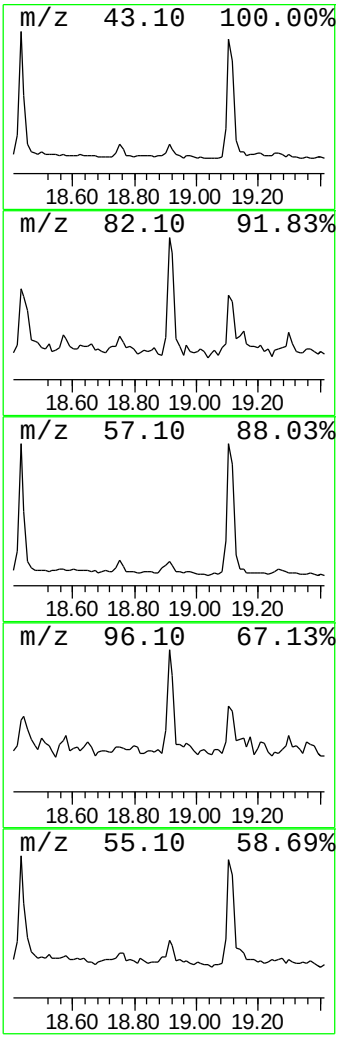
Peak Number 17 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	6.82 ng	178340	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	87
2	Pentadecanal-	226	C15H30O	002765-11-9	83
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
5	1,19-Eicosadiene	278	C20H38	014811-95-1	83





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Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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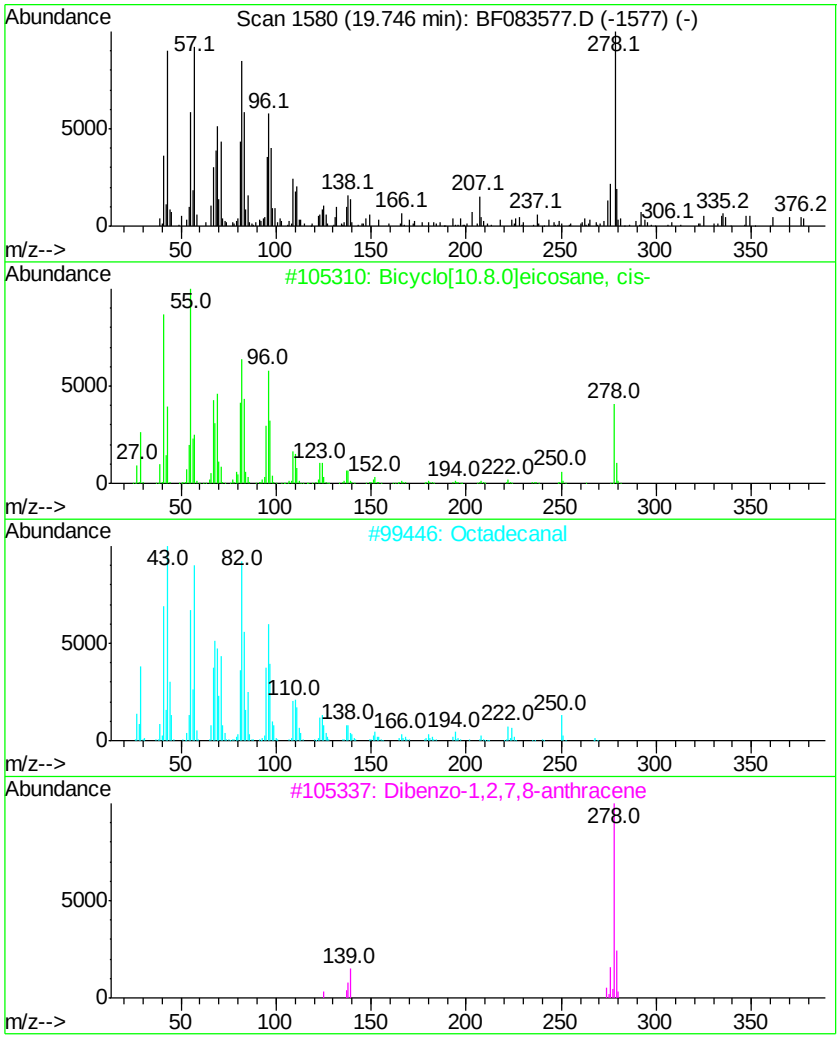
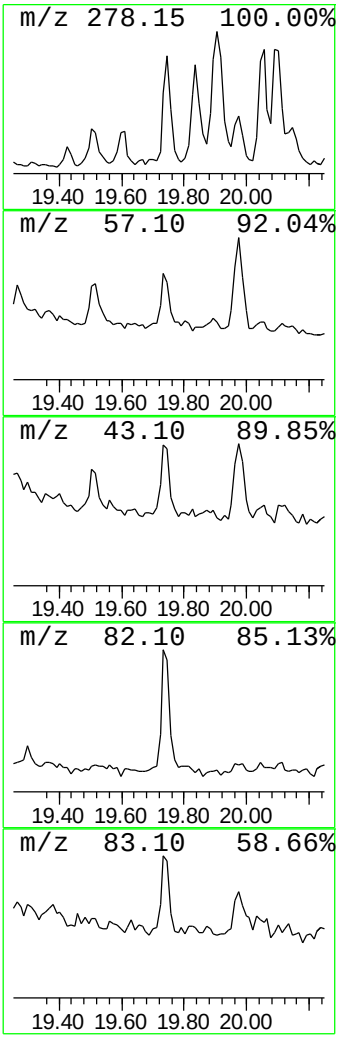
Peak Number 19 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	8.19 ng	214058	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	86
2	Octadecanal	268	C18H36O	000638-66-4	55
3	Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	52
4	1,19-Eicosadiene	278	C20H38	014811-95-1	43
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	43





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Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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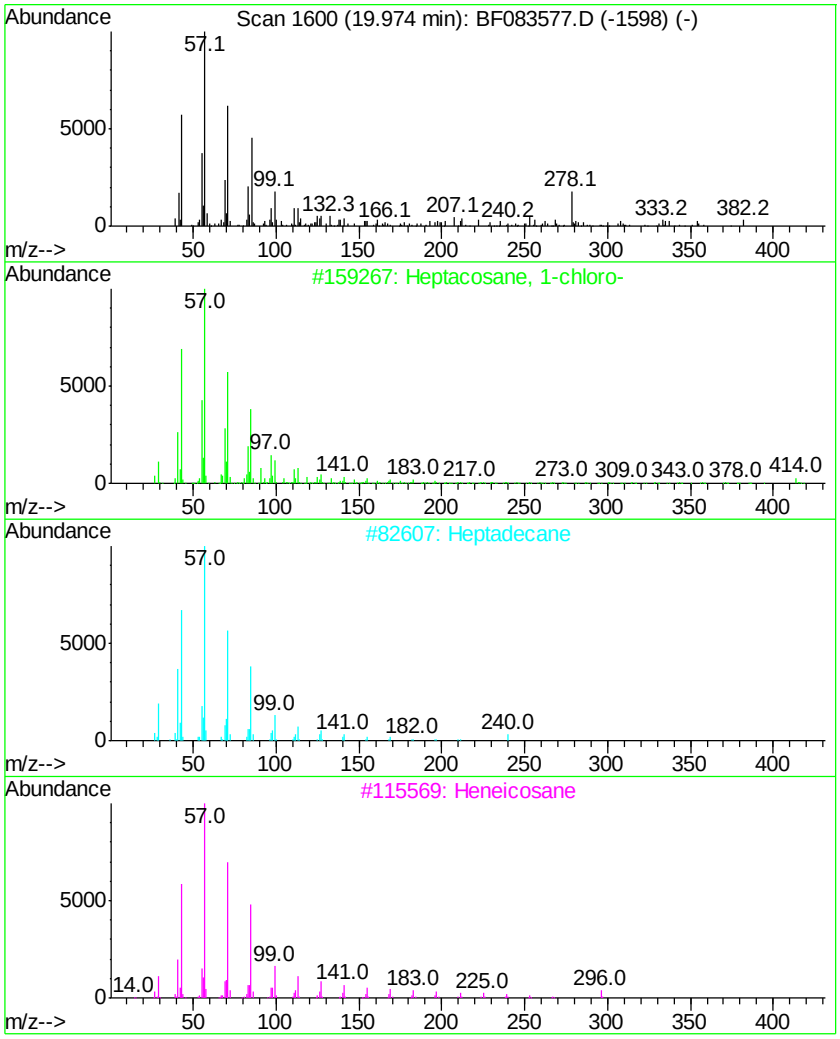
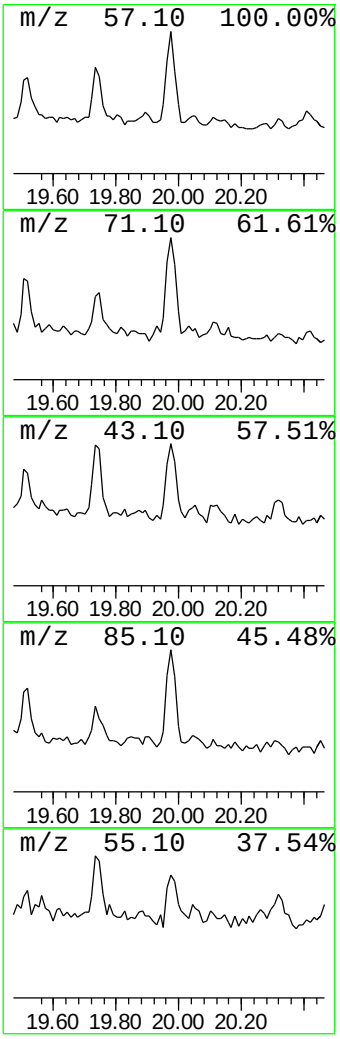
Peak Number 20 Heptacosane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	6.15 ng	160717	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
2	Heptadecane	240	C17H36	000629-78-7	70
3	Heneicosane	296	C21H44	000629-94-7	70
4	Pentacosane	352	C25H52	000629-99-2	64
5	Pentadecane	212	C15H32	000629-62-9	62





Tentatively Identified Compound (LSC) summary

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Data File : BF083577.D
Acq On : 8 Dec 2015 1:28
Operator : UM/IZ
Sample : G4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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...	3.56	21.0	ng	957258	1	5.72	911309	20.0
unknown5.42	5.42	83.9	ng	3823880	1	5.72	911309	20.0
Benzene, 1-etheny...	5.50	10.8	ng	490060	1	5.72	911309	20.0
Benzene, 2-propenyl-	5.56	5.8	ng	264931	1	5.72	911309	20.0
Benzenemethanethi...	6.99	8.3	ng	502311	2	7.62	1217670	20.0
Benzene, 1-methyl...	8.00	4.6	ng	279476	2	7.62	1217670	20.0
Benzene, 1-methyl...	8.09	5.7	ng	348087	2	7.62	1217670	20.0
Dodecane, 1-iodo-	12.03	9.5	ng	479383	4	12.81	1008880	20.0
n-Hexadecanoic acid	13.86	6.8	ng	344170	4	12.81	1008880	20.0
Naphthalene, 1,2-...	14.55	8.1	ng	406301	4	12.81	1008880	20.0
9-Eicosene, (E)-	16.95	4.7	ng	305979	5	17.01	1308440	20.0
Tetracosane	18.43	29.0	ng	759040	6	18.65	522709	20.0
Octadecanal	18.91	6.8	ng	178340	6	18.65	522709	20.0
Bicyclo[10.8.0]ei...	19.75	8.2	ng	214058	6	18.65	522709	20.0
Heptacosane, 1-ch...	19.97	6.2	ng	160717	6	18.65	522709	20.0