LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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	3.550	161	163	177	rVB	881703	1798994	34.40%	3.068%
2	3.824	185	187	191	rBV2	51933	95271	1.82%	0.162%
3	3.938	194	197	200	rBV3	55937	107329	2.05%	0.183%
4	3.996	200	202	212	rVV	3211562	4498137	86.02%	7.671%
5	4.224	220	222	227	rBV	71752	122159	2.34%	0.208%
6	4.590	251	254	258	rBV2	29162	63855	1.22%	0.109%
7	4.716	263	265	269	rBV	42300	71896	1.37%	0.123%
8	4.967	282	287	288	rBV2	27846	55782	1.07%	0.095%
9	5.036	291	293	294	rVV2	32428	56980	1.09%	0.097%
10	5.081	295	297	299	rVV3	48130	95860	1.83%	0.163%
11	5.116	299	300	303	rVV	44938	62296	1.19%	0.106%
12	5.184	303	306	312	rVV2	94277	177803	3.40%	0.303%
13	5.287	312	315	324	rVV	3705807	5229146	100.00%	8.918%
14	5.413	324	326	329	rVV	3548861	4728992	90.44%	8.065%
15	5.481	330	332	334	rVV	137792	184048	3.52%	0.314%
16	5.516	334	335	338	rVB2	45514	55983	1.07%	0.095%
17	5.721	350	353	356	rBV	810059	984876	18.83%	1.680%
18	5.779	356	358	359	rVV	59146	82501	1.58%	0.141%
19	5.801	359	360	362	rVB	66123	84730	1.62%	0.144%
20	5.939	369	372	380	rVB	2913196	3764984	72.00%	6.421%
21	6.099	383	386	387	rVV	97889	131283	2.51%	0.224%
22	6.133	387	389	393	rVV	149598	235221	4.50%	0.401%
23	6.201	393	395	398	rVV	257353	342995	6.56%	0.585%
24	6.247	398	399	402	rVB	67756	104105	1.99%	0.178%
25	6.304	402	404	409	rVB2	38903	90775	1.74%	0.155%
26	6.419	412	414	415	rVV2	55922	73765	1.41%	0.126%
27	6.556	419	426	428	rVV	1928831	3446347	65.91%	5.877%
28	6.647	432	434	436	rVV	116560	155008	2.96%	0.264%
29	6.693	436	438	440	rVB2	56866	85769	1.64%	0.146%
30	6.739	440	442	443	rBV	47000	64104	1.23%	0.109%
31	6.819	447	449	452	rVV4	43302	90393	1.73%	0.154%
32	6.876	452	454	456	rVV2	99040	189755	3.63%	0.324%
33	6.910	456	457	461	rVB2	128701	167760	3.21%	0.286%
34	7.059	468	470	472	rBV2	69253	98618	1.89%	0.168%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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	7.104	472	474	475	rVV2	78452	107647	2.06%	0.184%
36	7.139	475	477	480	rVB	94360	159772	3.06%	0.272%
37	7.230	480	485	490	rBV6	127133	364416	6.97%	0.621%
38	7.322	490	493	495	rVV2	106572	175674	3.36%	0.300%
39	7.390	495	499	503	rVB3	102292	199751	3.82%	0.341%
40	7.470	503	506	509	rBV	70109	93551	1.79%	0.160%
41	7.619	514	519	523	rBV	1034278	1690968	32.34%	2.884%
42	7.687	523	525	532	rVV3	213905	542828	10.38%	0.926%
43	7.813	534	536	539	rVV	153885	214350	4.10%	0.366%
44	7.893	541	543	546	rVB2	39763	63090	1.21%	0.108%
45	7.962	546	549	552	rVB3	90420	152695	2.92%	0.260%
46	8.087	557	560	562	rVB	69935	99028	1.89%	0.169%
47	8.145	562	565	568	rBV3	38457	87563	1.67%	0.149%
48	8.259	573	575	578	rVB3	47495	83292	1.59%	0.142%
49	8.385	584	586	589	rVB2	73517	113106	2.16%	0.193%
50	8.510	595	597	601	rVB4	26194	70151	1.34%	0.120%
51	8.670	608	611	614	rVB	105343	171908	3.29%	0.293%
52	8.762	616	619	622	rVB	85546	115532	2.21%	0.197%
53	8.910	629	632	635	rBV	56657	97507	1.86%	0.166%
54	9.173	653	655	660	rVB2	50607	84922	1.62%	0.145%
55	9.368	669	672	675	rBV	3590707	4769051	91.20%	8.133%
56	9.585	688	691	694	rBV	98812	171910	3.29%	0.293%
57	9.939	720	722	725	rVV2	49648	74258	1.42%	0.127%
58	10.053	729	732	734	rVV	764277	966912	18.49%	1.649%
59	10.099	734	736	738	rVV	155231	222326	4.25%	0.379%
60	10.190	742	744	746	rBV2	39766	59321	1.13%	0.101%
61	10.270	746	751	754	rVB4	64739	149827	2.87%	0.256%
62	10.408	760	763	770	rBV3	981366	1587204	30.35%	2.707%
63	10.865	801	803	805	rVB	38729	55212	1.06%	0.094%
64	10.956	809	811	814	rVB	74663	124876	2.39%	0.213%
65	11.025	814	817	819	rVB	37093	61062	1.17%	0.104%
66	11.253	834	837	840	rVV	276413	368677	7.05%	0.629%
67	11.311	840	842	846	rVB2	47782	81500	1.56%	0.139%
68	11.619	863	869	873	rBV	133071	307753	5.89%	0.525%
69	11.699	873	876	879	rBV	1878215	2575653	49.26%	4.392%
70	11.745	879	880	884	rVB	48716	63866	1.22%	0.109%
71	11.939	893	897	899	rVB3	24551	65597	1.25%	0.112%

LSC Area Percent Report

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Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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	12.031	902	905	909	rBV2	246454	641640	12.27%	1.094%
73	12.762	966	969	971	rBV	116939	153730	2.94%	0.262%
74	12.808	971	973	976	rVV	913137	1208559	23.11%	2.061%
75	13.459	1028	1030	1034	rBV2	50601	77233	1.48%	0.132%
76	13.859	1062	1065	1070	rBV2	148071	250405	4.79%	0.427%
77	14.237	1094	1098	1103	rVB	43746	101682	1.94%	0.173%
78	14.477	1117	1119	1121	rBV	41907	56976	1.09%	0.097%
79	14.579	1126	1128	1132	rVB	80610	140317	2.68%	0.239%
80	14.785	1142	1146	1148	rVB2	38556	79398	1.52%	0.135%
81	15.140	1174	1177	1181	rBV	171372	274057	5.24%	0.467%
82	15.437	1200	1203	1206	rBV	2276764	3213360	61.45%	5.480%
83	15.722	1225	1228	1232	rVB3	31478	69993	1.34%	0.119%
84	16.317	1275	1280	1287	rVB	252956	426968	8.17%	0.728%
85	16.934	1332	1334	1338	rBV	233384	449322	8.59%	0.766%
86	17.014	1338	1341	1348	rVB	670477	1004335	19.21%	1.713%
87	17.757	1404	1406	1410	rBV	257350	328601	6.28%	0.560%
88	18.111	1434	1437	1439	rBV2	41126	67118	1.28%	0.114%
89	18.248	1446	1449	1451	rBV	981230	1133734	21.68%	1.933%
90	18.443	1462	1466	1470	rBV	1140971	1828792	34.97%	3.119%
91	18.648	1482	1484	1491	rVB	660713	852497	16.30%	1.454%
92	18.911	1504	1507	1511	rVB	250557	353026	6.75%	0.602%
93	19.106	1521	1524	1526	rBV	303904	423735	8.10%	0.723%
94	19.506	1557	1559	1562	rBV2	30276	62118	1.19%	0.106%
95	19.734	1576	1579	1585	rVB	134724	240661	4.60%	0.410%
96	19.974	1597	1600	1603	rBV4	61064	153264	2.93%	0.261%
97	20.100	1609	1611	1619	rVB2	84491	193952	3.71%	0.331%
98	20.306	1626	1629	1635	rBV3	179575	510198	9.76%	0.870%
99	21.117	1696	1700	1707	rVB6	50852	178328	3.41%	0.304%
100	21.357	1718	1721	1726	rVB5	63190	173698	3.32%	0.296%

Sum of corrected areas: 58637973

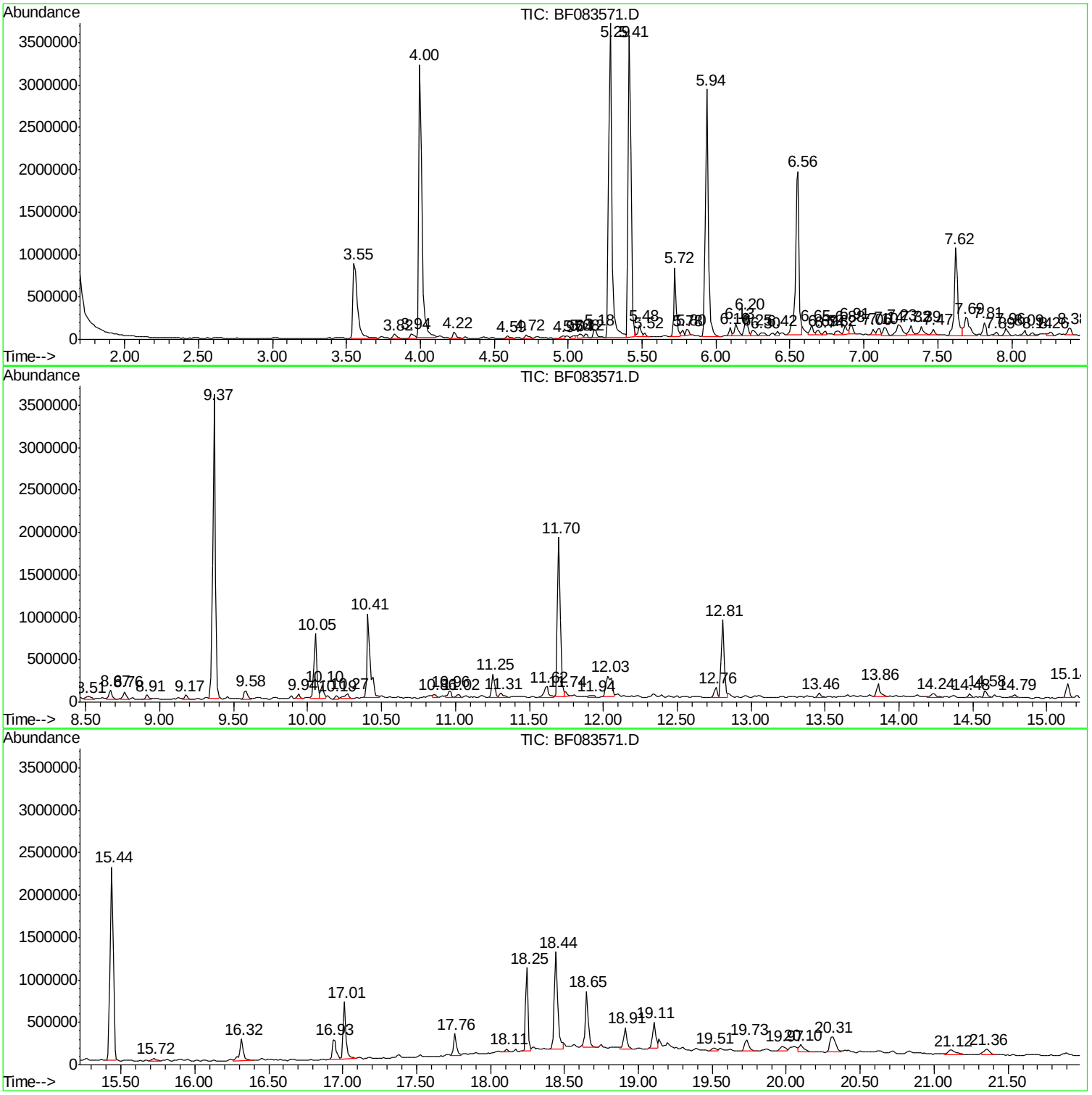
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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

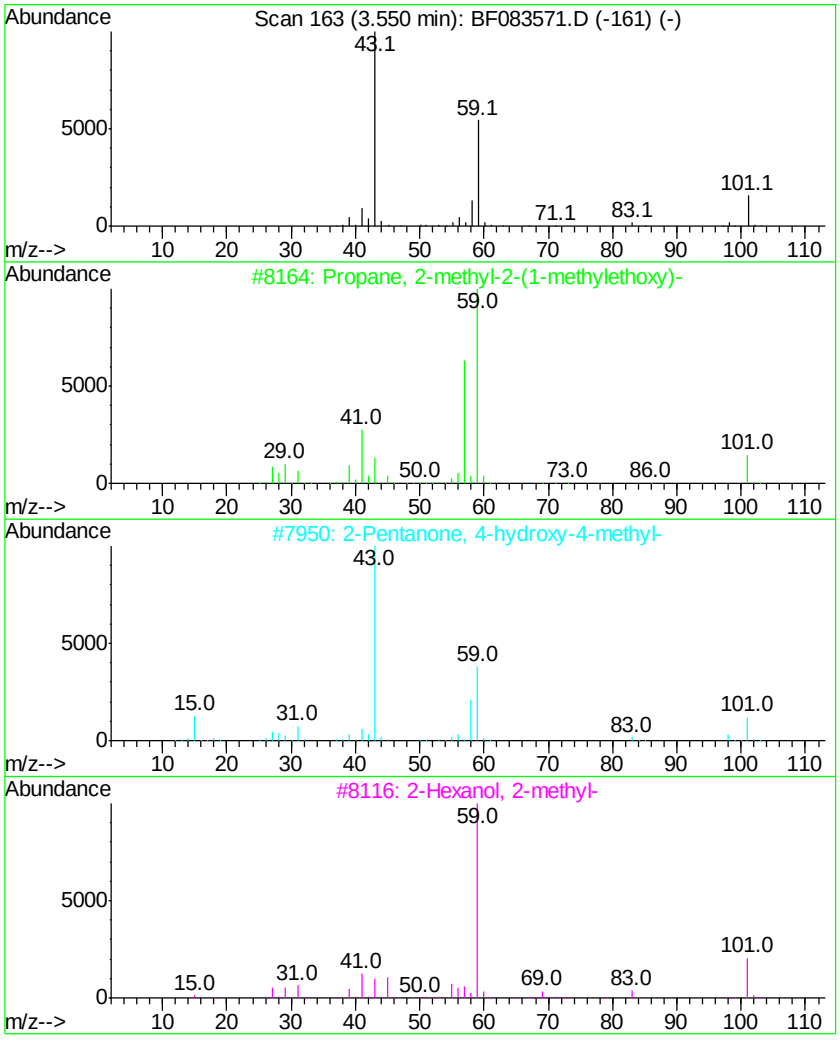
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

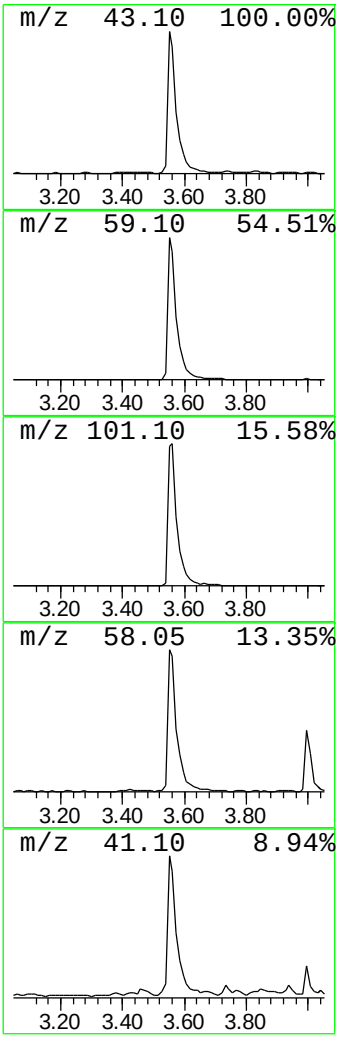
****

Peak Number 1 unknown3.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	36.53 ng	1798990	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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

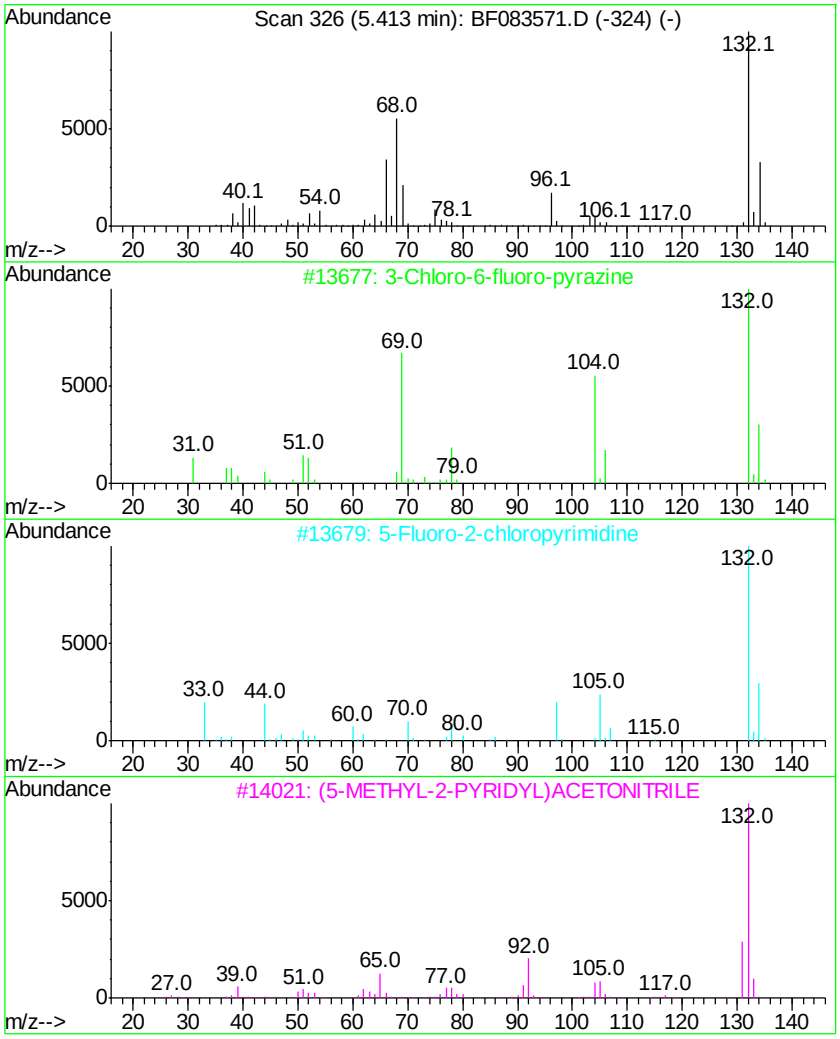
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

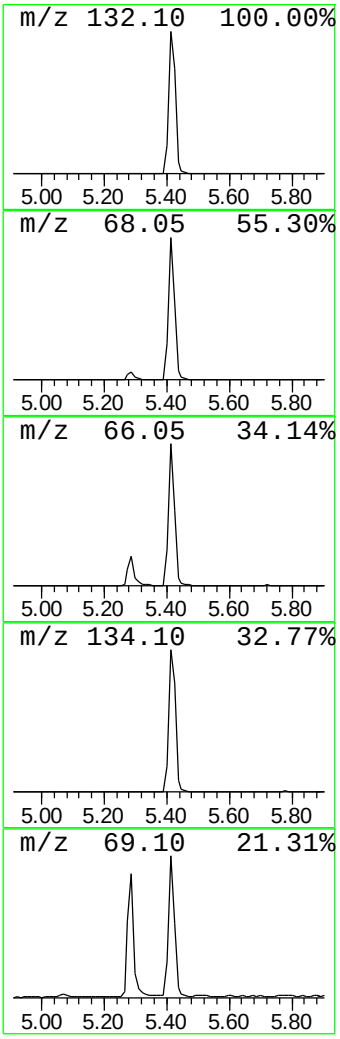
****

Peak Number 2 unknown5.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	96.03 ng	4728990	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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

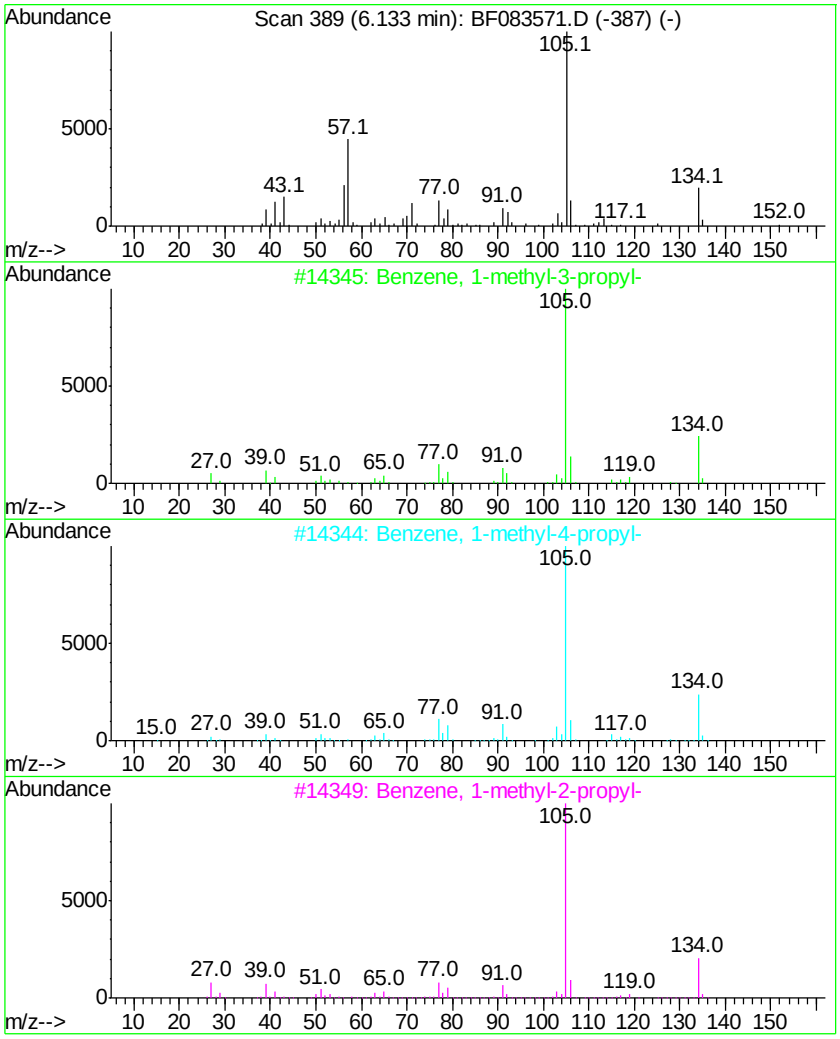
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

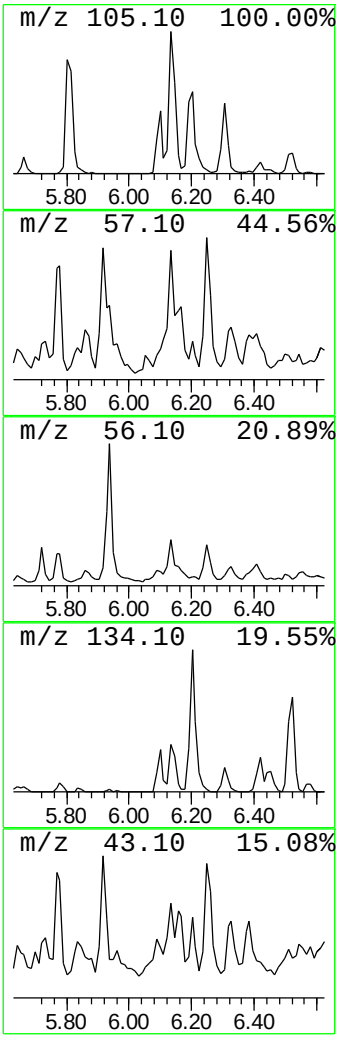
****

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	4.78 ng	235221	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	52
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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

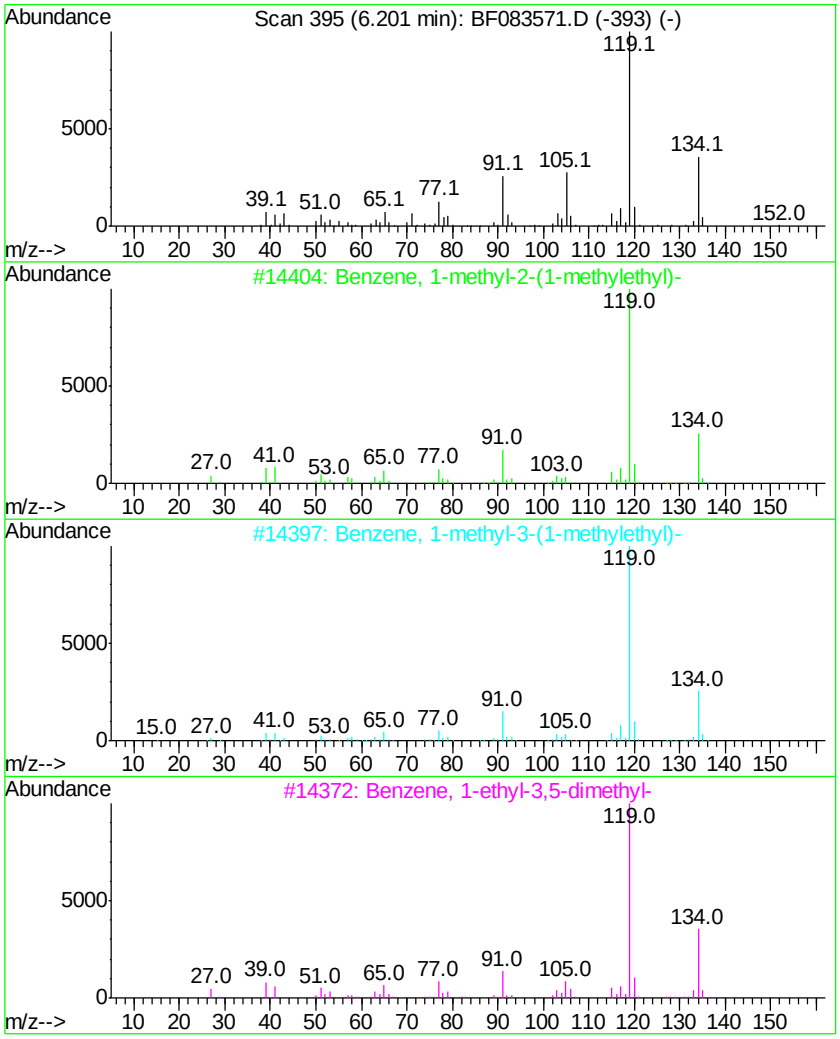
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

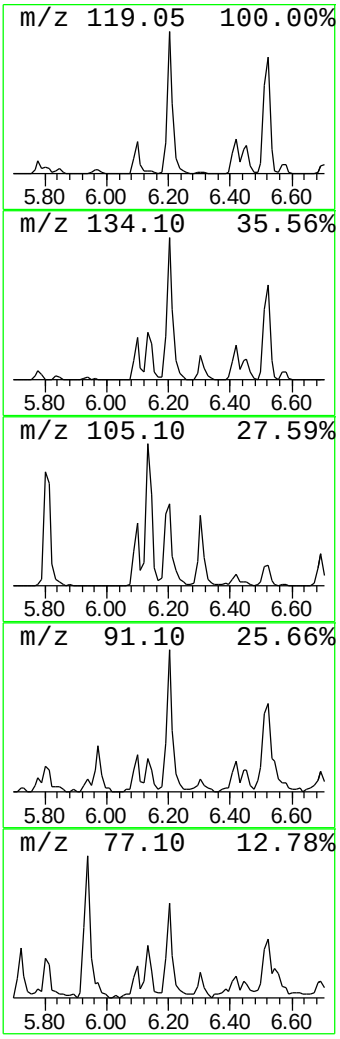
****

Peak Number 5 Benzene, 1-methyl-2-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	6.97 ng	342995	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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

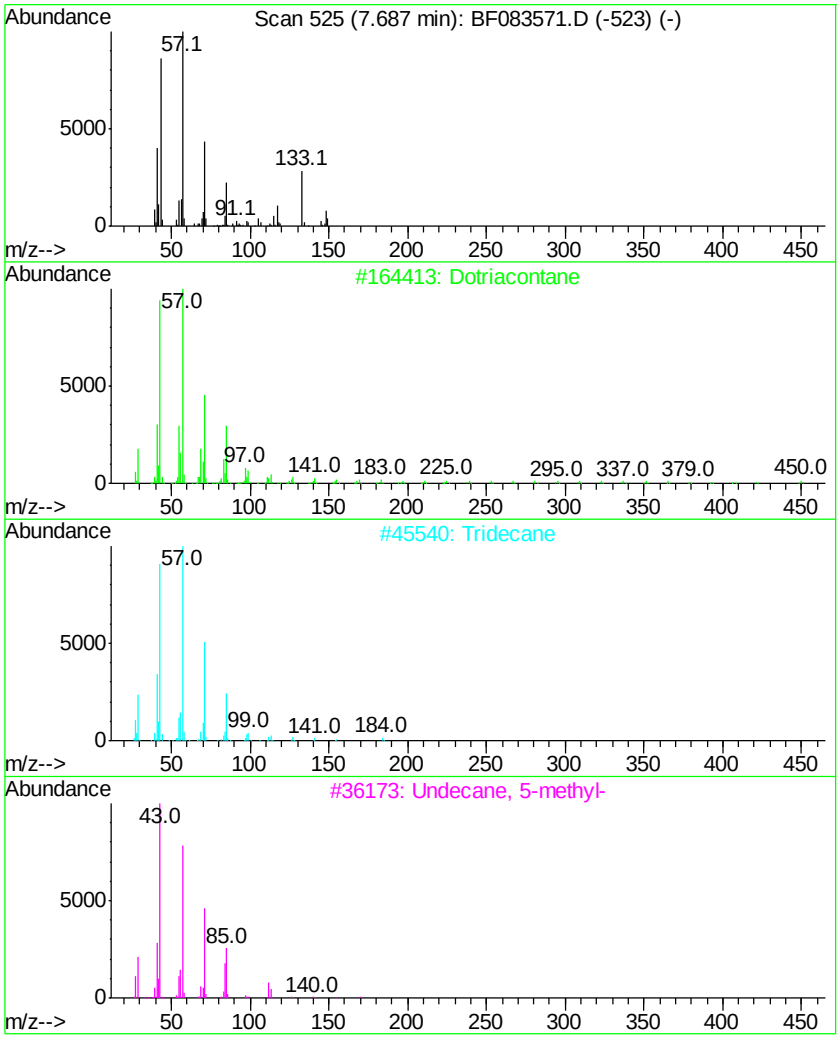
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

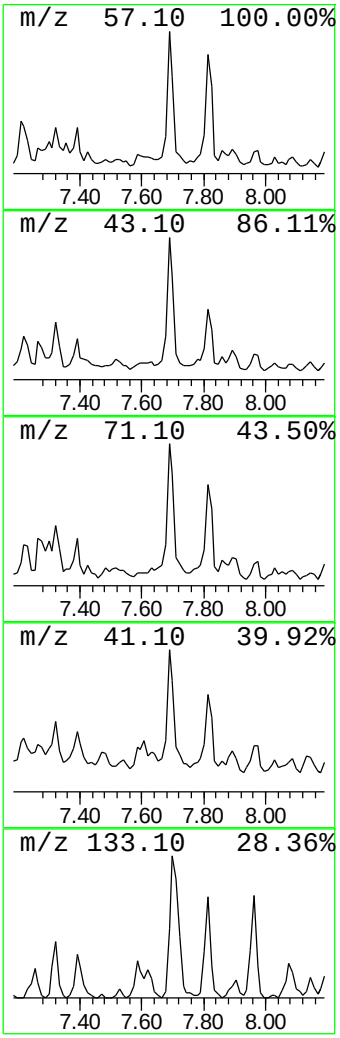
****

Peak Number 6 Dotriacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	6.42 ng	542828	Naphthalene-d8	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	50
2	Tridecane	184	C13H28	000629-50-5	50
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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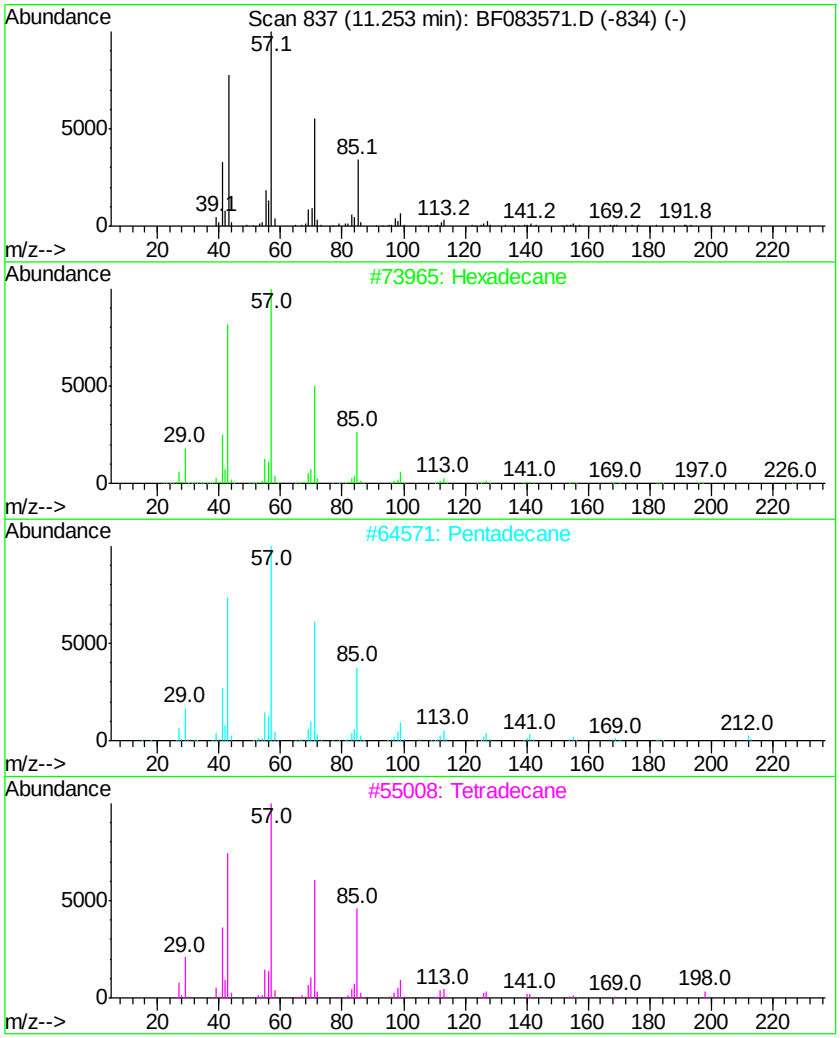
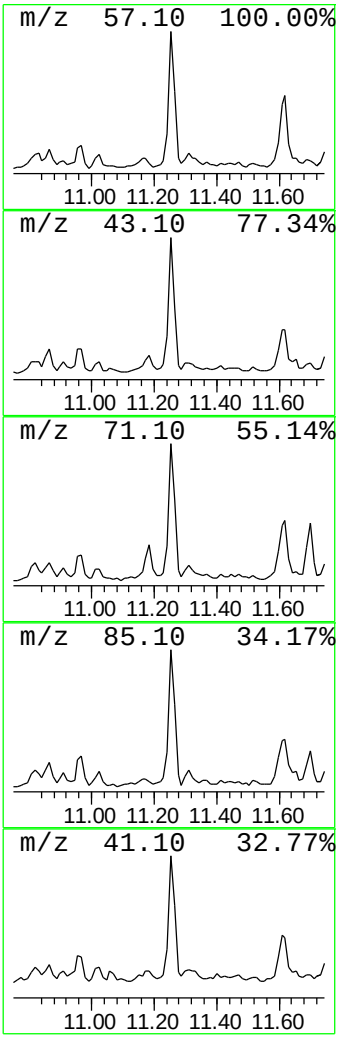
Peak Number 7 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.65 ng	368677	Acenaphthene-d10	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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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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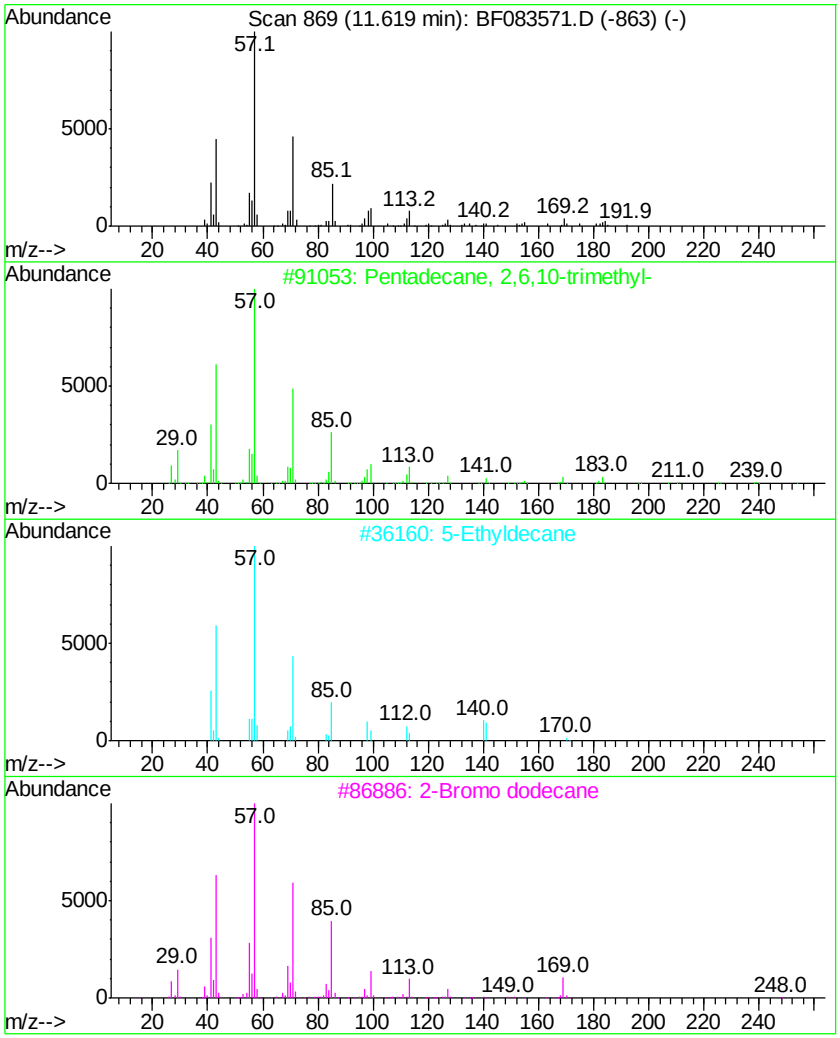
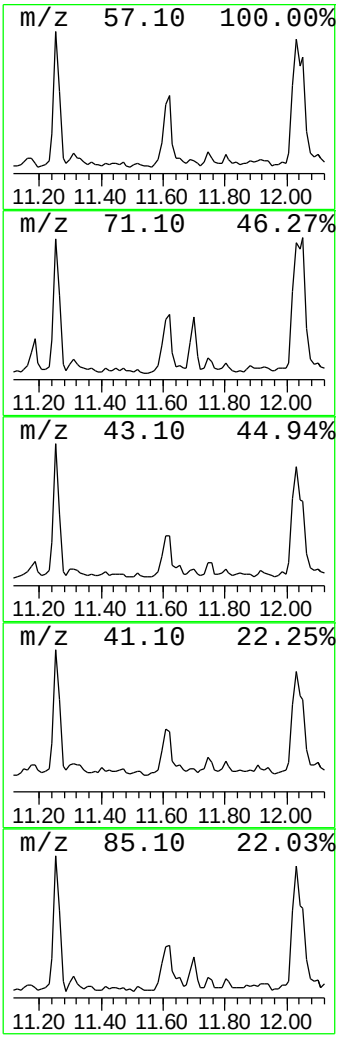
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	5.09 ng	307753	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	5-Ethyldecane	170	C12H26	017302-36-2	81
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70





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Sample : G4579-08
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ClientSampleId : TP4(12-24)

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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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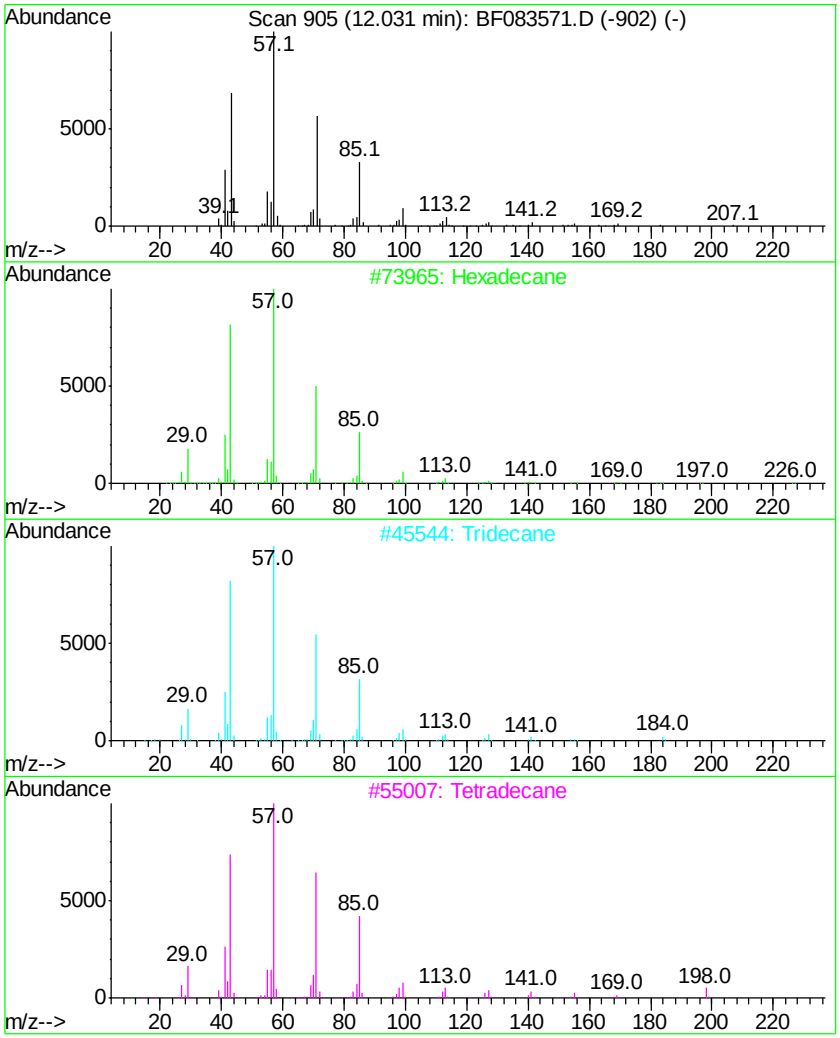
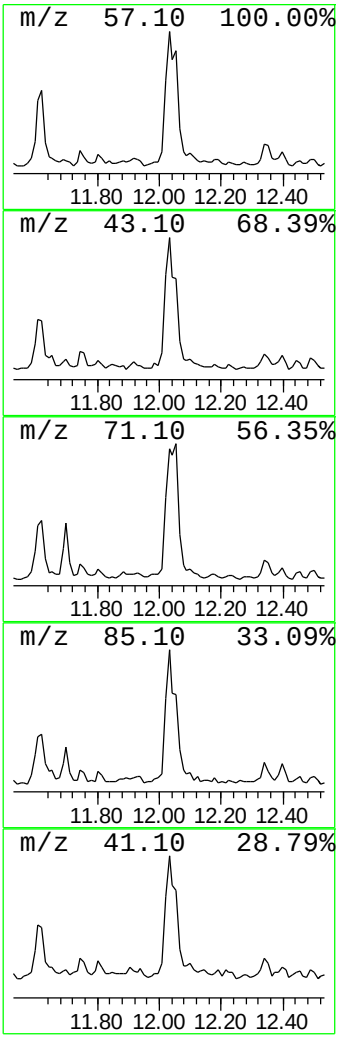
Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	10.62 ng	641640	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72





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TIC Integration Parameters: LSCINT.P

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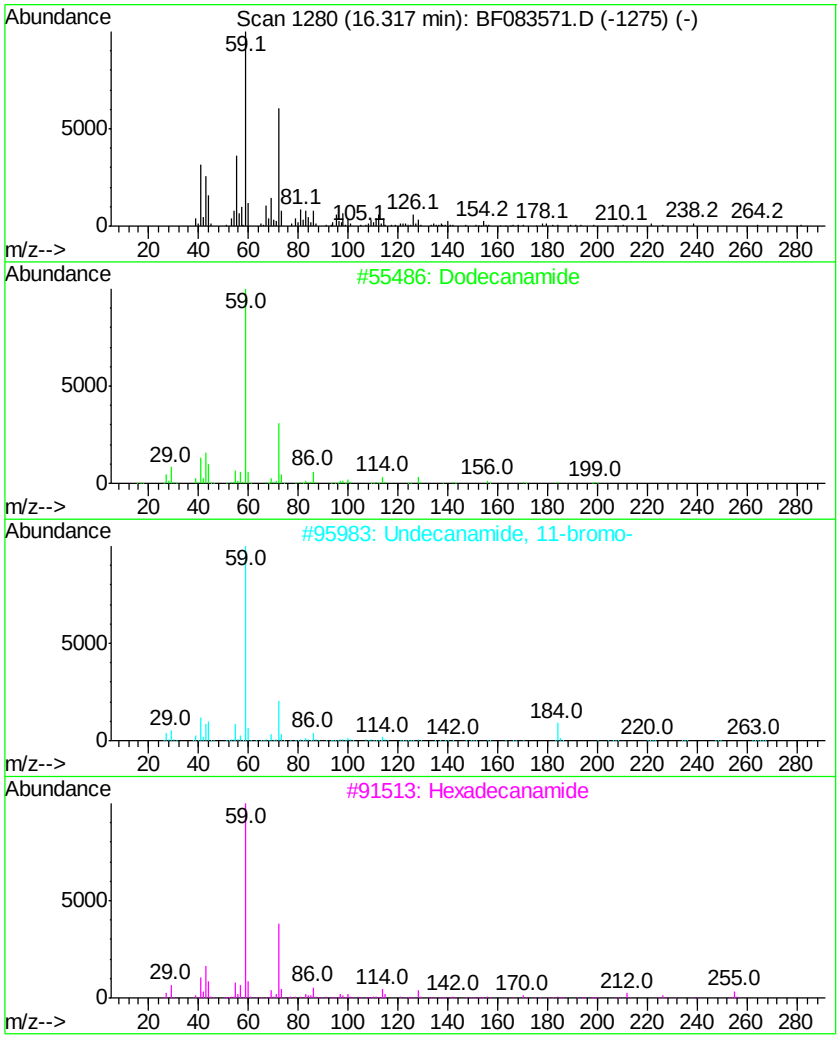
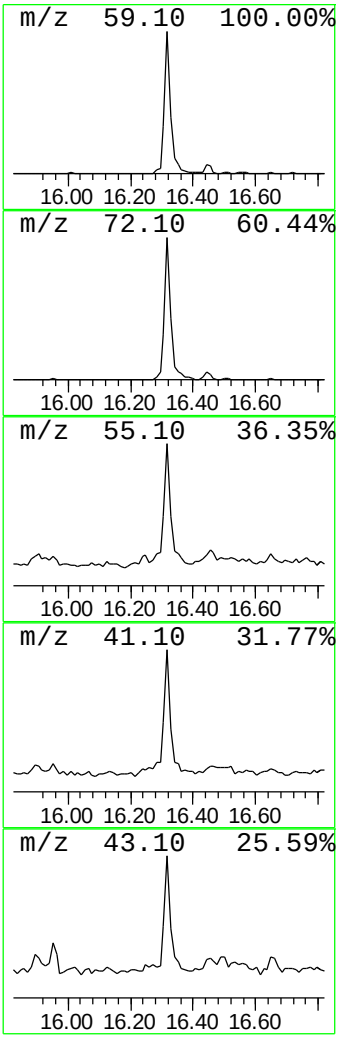
Peak Number 11 Dodecanamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	8.50 ng	426968	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	64
2	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Cyclooctanemethanol, .alpha.,.al...	170	C11H22O	016624-06-9	43





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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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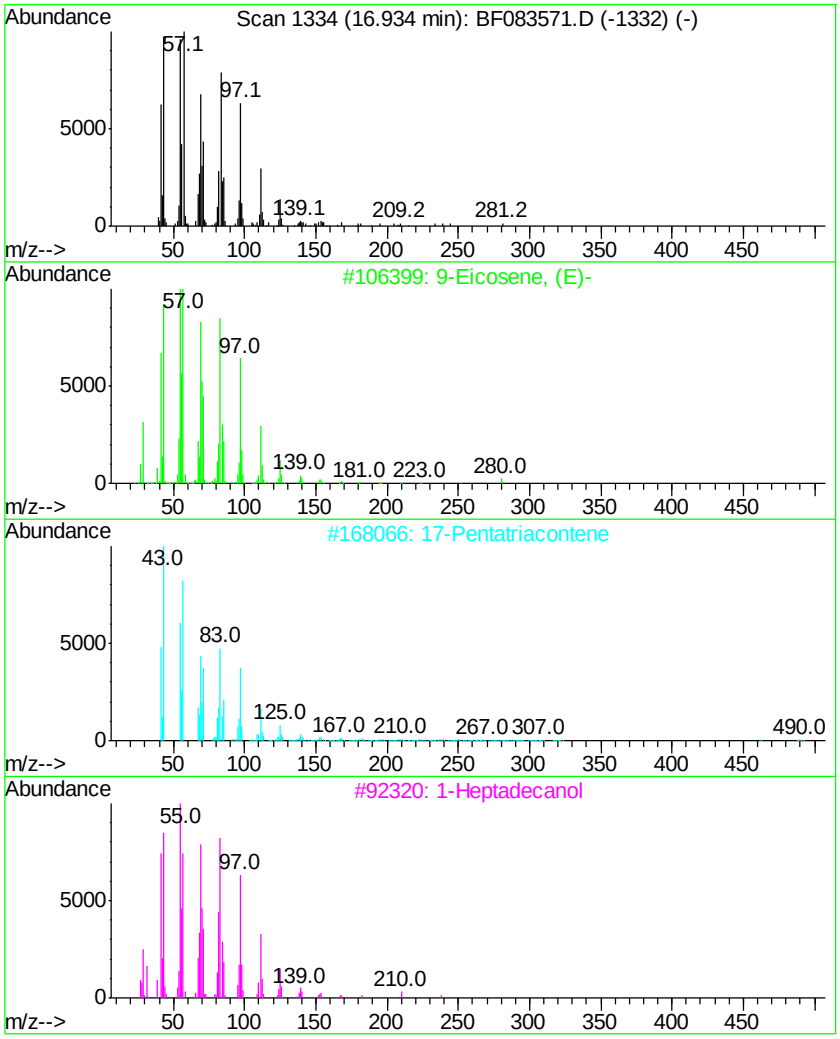
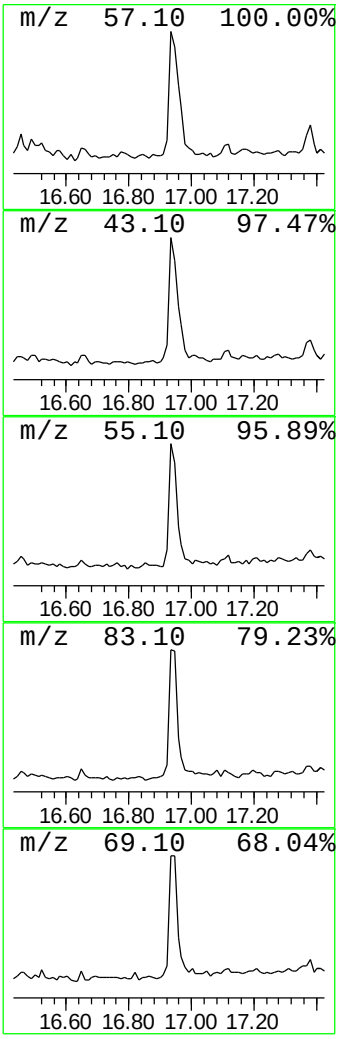
Peak Number 12 9-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	8.95 ng	449322	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Heptadecanol	256	C17H36O	001454-85-9	90
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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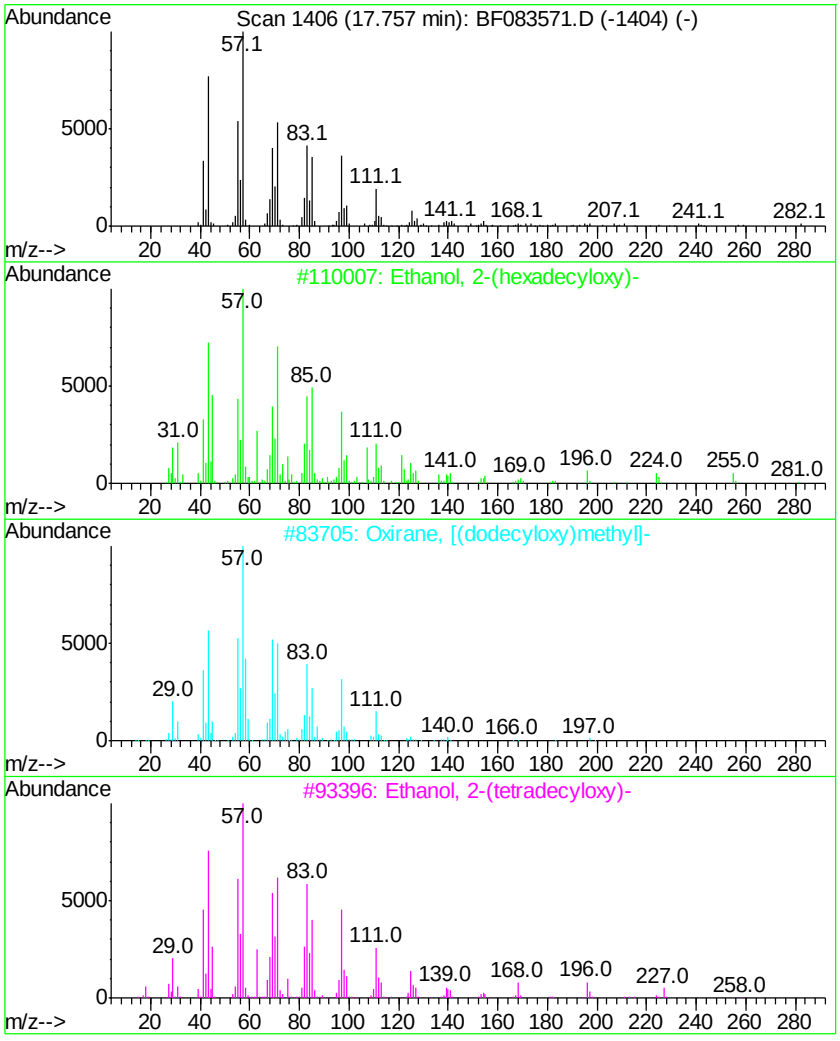
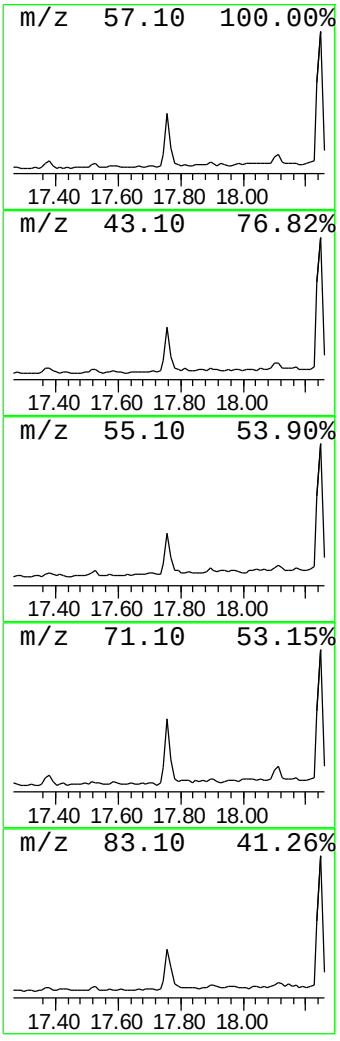
Peak Number 13 Ethanol, 2-(hexadecyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	6.54 ng	328601	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	80
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	58
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	58





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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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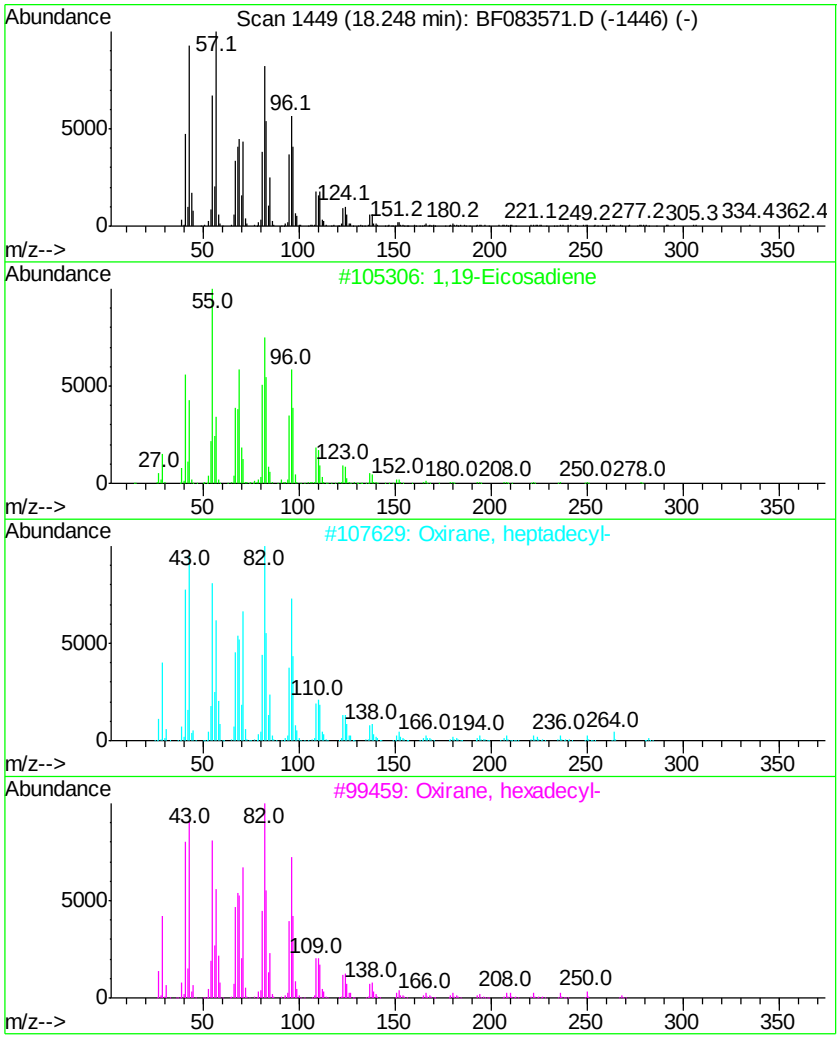
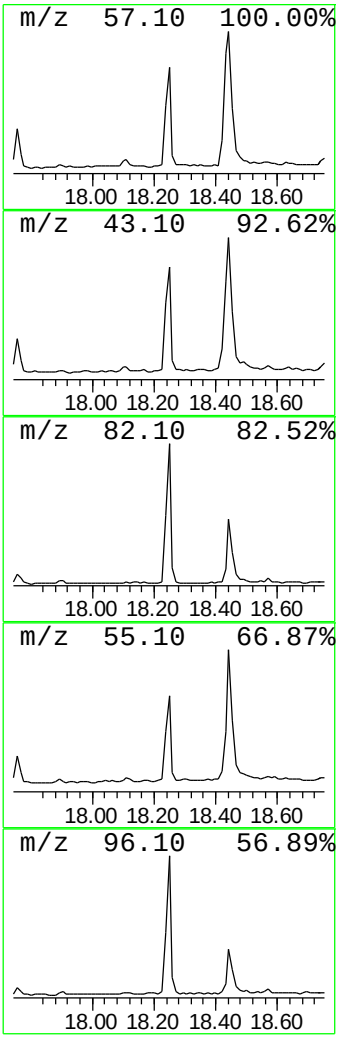
Peak Number 14 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	26.60 ng	1133730	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Pentadecanal-	226	C15H30O	002765-11-9	86





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Sample : G4579-08
Misc :
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Instrument : BNA_F
ClientSampleId : TP4(12-24)

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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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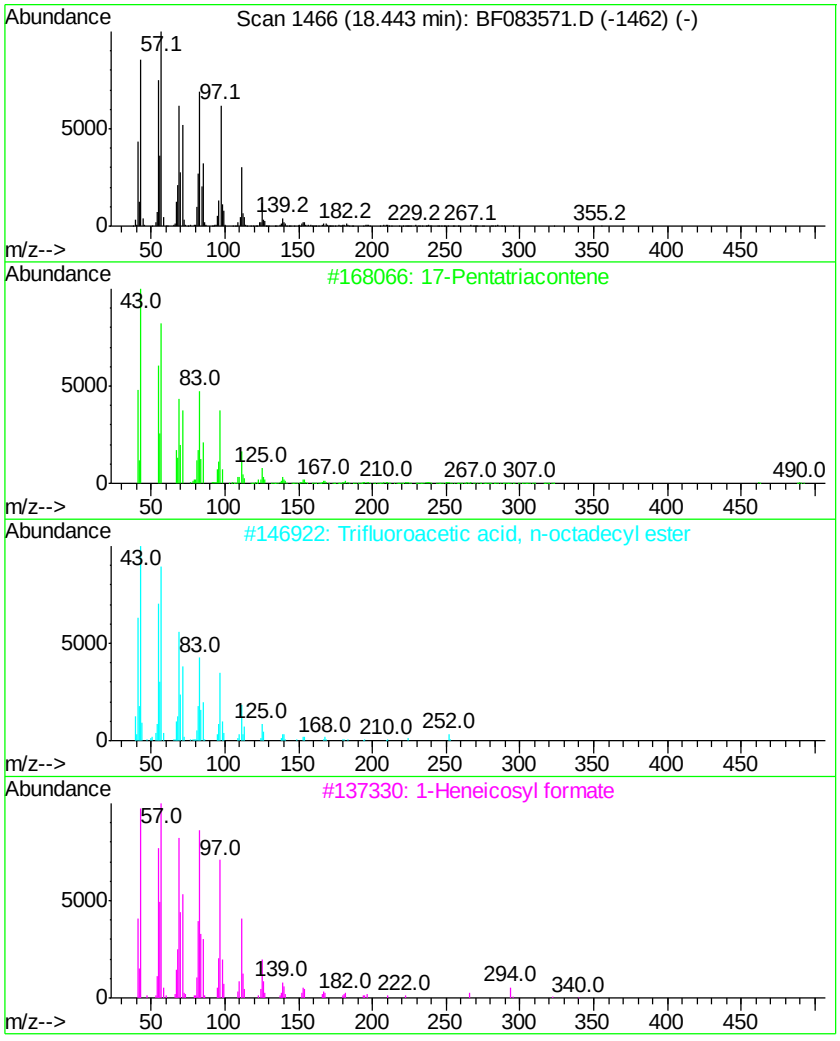
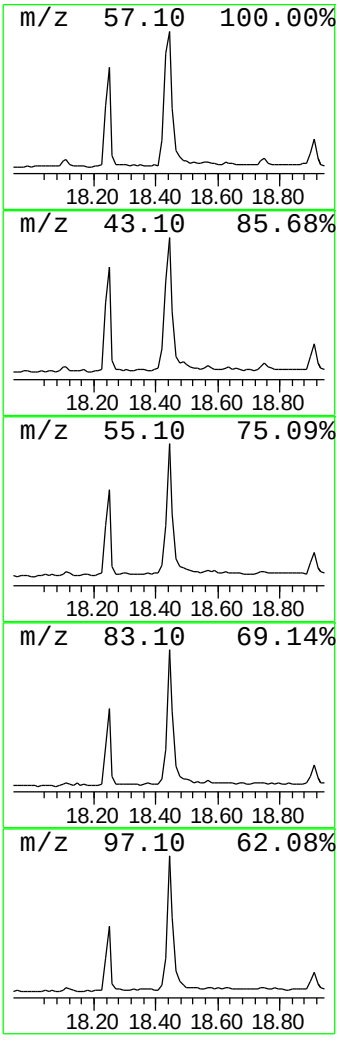
Peak Number 15 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	42.90 ng	1828790	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
4	1-Hexacosanol	382	C26H54O	000506-52-5	80
5	1-Docosene	308	C22H44	001599-67-3	74





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Sample : G4579-08
Misc :
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Instrument : BNA_F
ClientSampleId : TP4(12-24)

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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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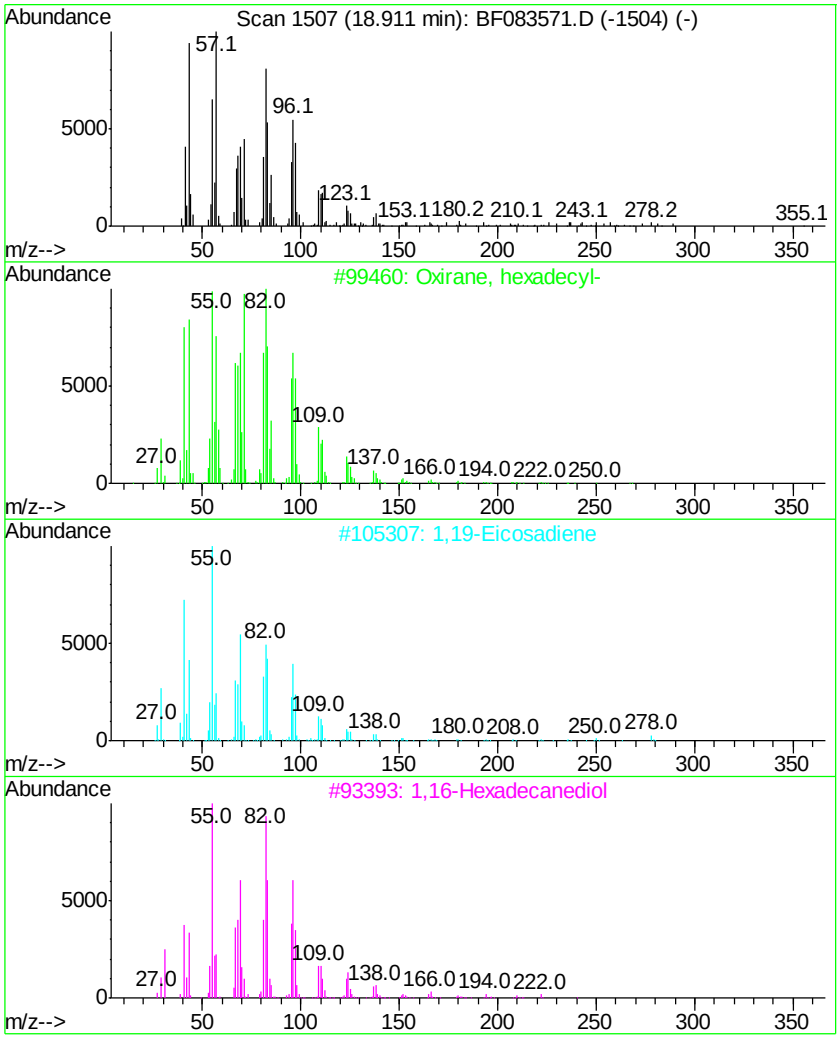
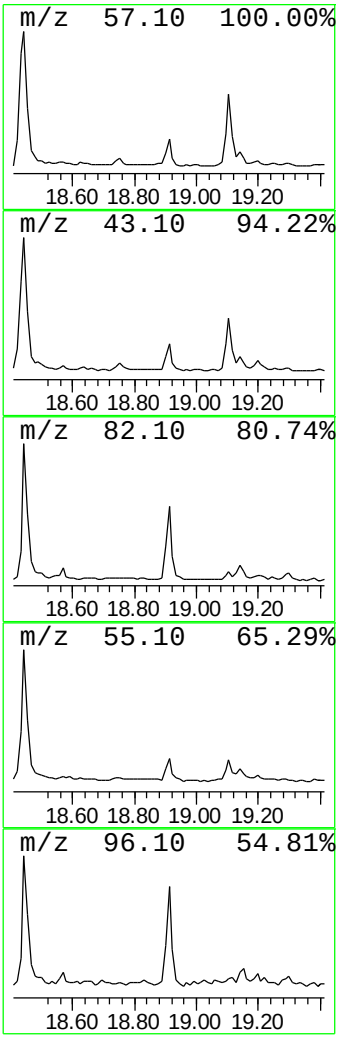
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	8.28 ng	353026	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	1,19-Eicosadiene	278	C20H38	014811-95-1	81
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	76
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
5	Z-2-Dodecenol	184	C12H24O	069064-36-4	64





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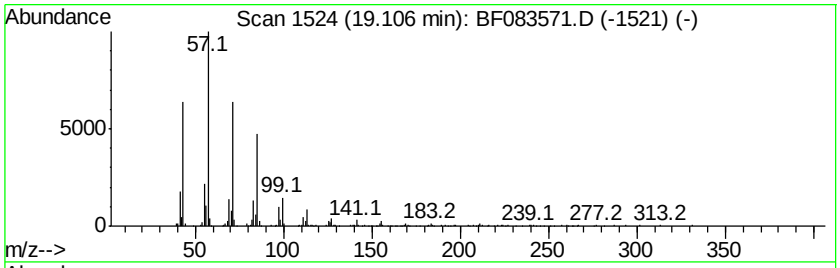
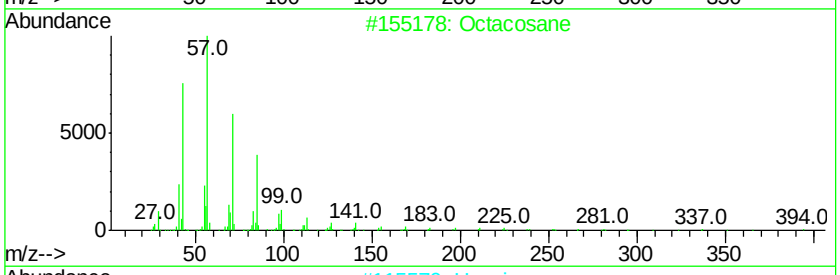
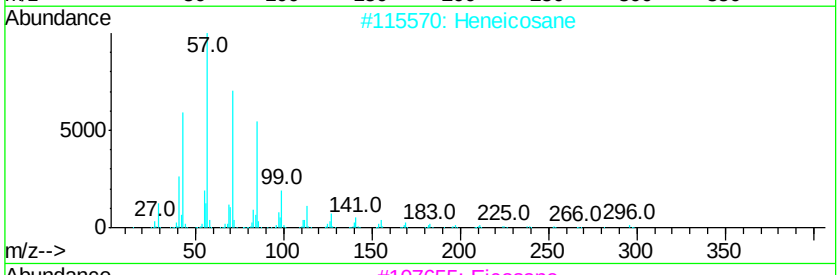
Peak Number 17 Octacosane Concentration Rank 8

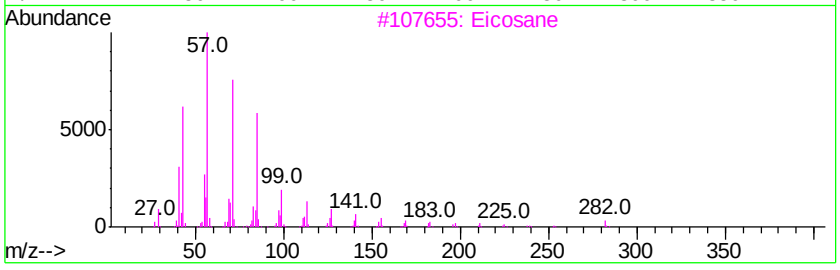
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	9.94 ng	423735	Perylene-d12	18.65

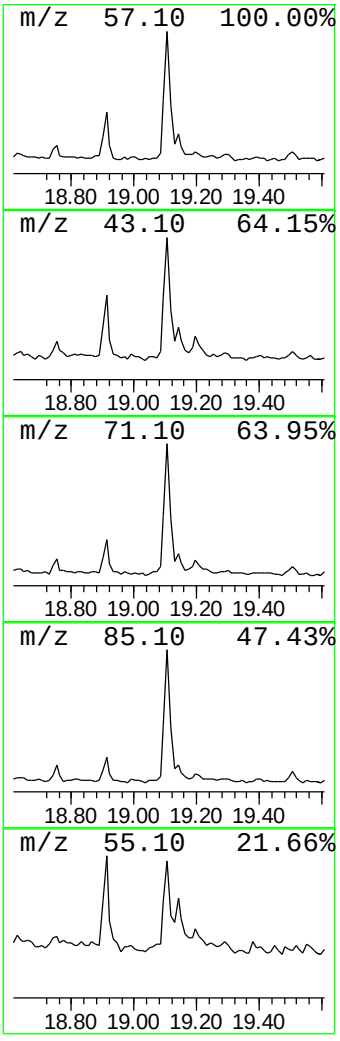
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Heptacosane	380	C27H56	000593-49-7	74











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Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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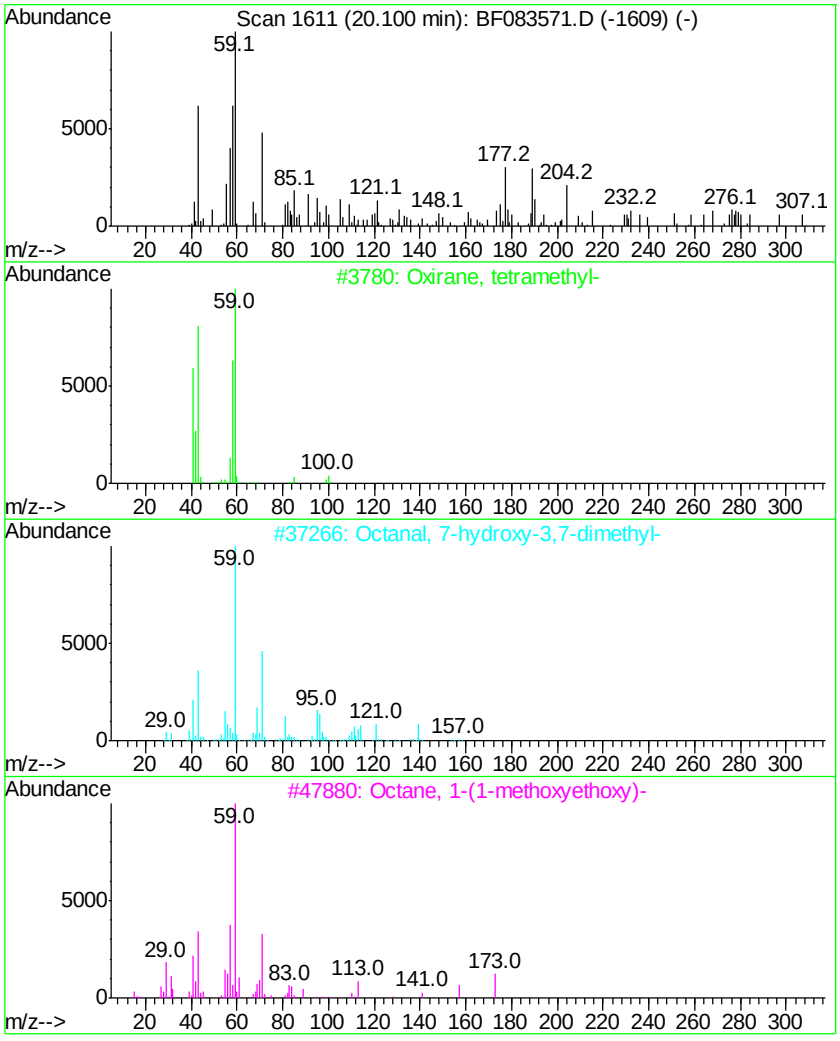
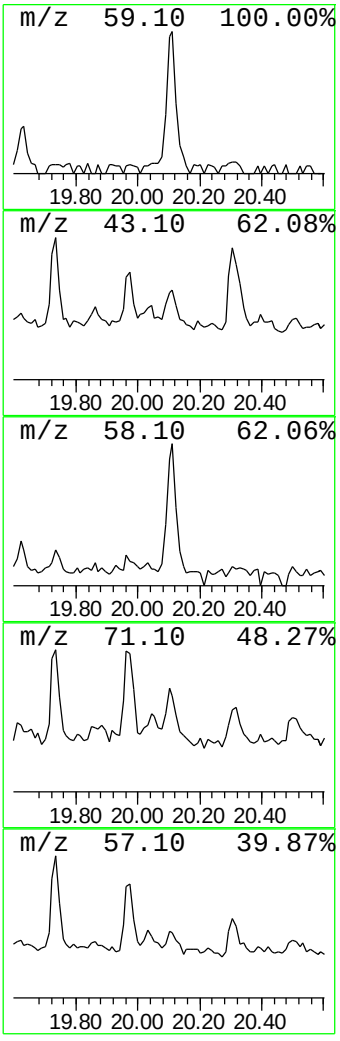
Peak Number 19 unknown20.10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	4.55 ng	193952	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	38
2	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	32
3	Octane, 1-(1-methoxyethoxy)-	188	C11H24O2	054789-26-3	23
4	Rotoxamine	290	C16H19ClN2O	005560-77-0	22
5	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	22





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
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TIC Library : C:\DATABASE\NIST02.L
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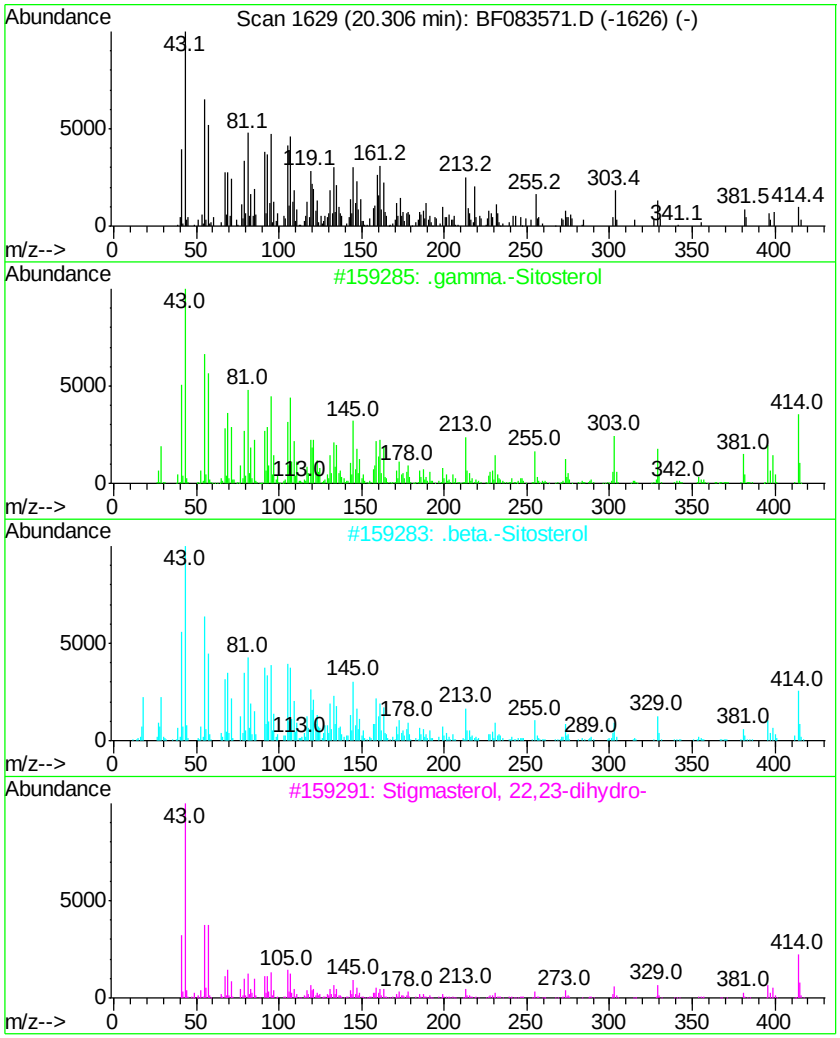
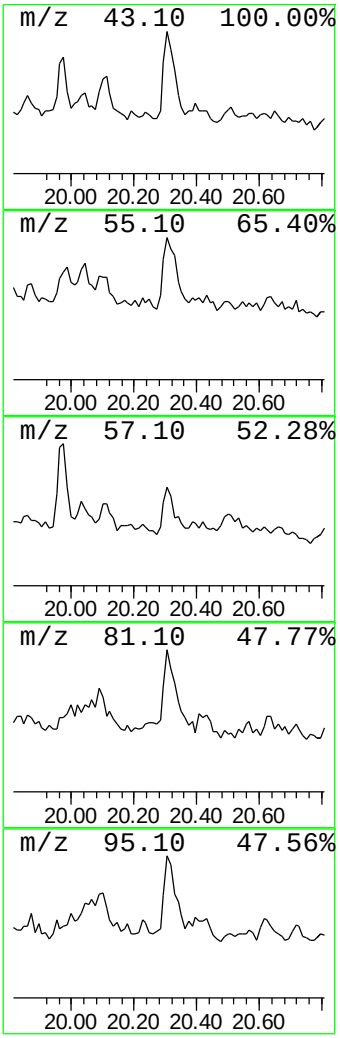
Peak Number 20 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	11.97 ng	510198	Perylene-d12	18.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	47
4	9,19-Cyclocholan-24-al, 3-(acetv...	442	C29H46O3	025089-90-1	25
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083571.D
Acq On : 7 Dec 2015 22:28
Operator : UM/IZ
Sample : G4579-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4(12-24)

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
unknown3.55	3.55	36.5	ng	1798990	1	5.72	984876	20.0
unknown5.41	5.41	96.0	ng	4728990	1	5.72	984876	20.0
Benzene, 1-methyl...	6.13	4.8	ng	235221	1	5.72	984876	20.0
Benzene, 1-methyl...	6.20	7.0	ng	342995	1	5.72	984876	20.0
Dotriacontane	7.69	6.4	ng	542828	2	7.62	1690970	20.0
Hexadecane	11.25	4.7	ng	368677	3	10.41	1587200	20.0
Pentadecane, 2,6,...	11.62	5.1	ng	307753	4	12.81	1208560	20.0
Tridecane	12.03	10.6	ng	641640	4	12.81	1208560	20.0
Dodecanamide	16.32	8.5	ng	426968	5	17.01	1004340	20.0
9-Eicosene, (E)-	16.93	8.9	ng	449322	5	17.01	1004340	20.0
Ethanol, 2-(hexad...	17.76	6.5	ng	328601	5	17.01	1004340	20.0
1,19-Eicosadiene	18.25	26.6	ng	1133730	6	18.65	852497	20.0
17-Pentatriacontene	18.44	42.9	ng	1828790	6	18.65	852497	20.0
Oxirane, hexadecyl-	18.91	8.3	ng	353026	6	18.65	852497	20.0
Octacosane	19.11	9.9	ng	423735	6	18.65	852497	20.0
unknown20.10	20.10	4.5	ng	193952	6	18.65	852497	20.0
.gamma.-Sitosterol	20.31	12.0	ng	510198	6	18.65	852497	20.0