LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

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-BF092815.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	4.457	201	203	206	rVB2	20549	35205	1.46%	0.144%
2	5.074	253	257	265	rBV	809278	1164473	48.29%	4.756%
3	5.337	278	280	282	rBV2	23933	29989	1.24%	0.122%
4	5.486	290	293	295	rVB	1647383	1905901	79.04%	7.784%
5	5.714	311	313	317	rVB2	28144	27383	1.14%	0.112%
6	6.343	363	368	370	rBV	11508	26385	1.09%	0.108%
7	6.400	372	373	375	rBV	41189	47875	1.99%	0.196%
8	6.480	378	380	381	rVV2	37921	41139	1.71%	0.168%
9	6.514	381	383	385	rVV	1807096	1826176	75.73%	7.458%
10	6.560	385	387	390	rVV	45829	85949	3.56%	0.351%
11	6.652	393	395	397	rVV	2168063	2000974	82.98%	8.172%
12	6.709	397	400	407	rVB	96308	121751	5.05%	0.497%
13	6.880	413	415	418	rBV	288536	410851	17.04%	1.678%
14	6.937	418	420	424	rVV	51583	63356	2.63%	0.259%
15	7.040	427	429	432	rVV	1776926	1591308	65.99%	6.499%
16	7.154	436	439	441	rVV2	19839	36225	1.50%	0.148%
17	7.200	441	443	447	rVB2	28594	46829	1.94%	0.191%
18	7.417	460	462	463	rBV	31663	31521	1.31%	0.129%
19	7.452	463	465	470	rVV	1161720	1202975	49.89%	4.913%
20	7.532	470	472	474	rVB2	22551	29468	1.22%	0.120%
21	7.783	491	494	498	rBV2	8427	28557	1.18%	0.117%
22	7.909	501	505	509	rBV2	37162	61813	2.56%	0.252%
23	8.172	524	528	530	rBV	664498	663219	27.50%	2.709%
24	8.229	531	533	534	rVB	28190	28788	1.19%	0.118%
25	8.583	563	564	570	rVB	22940	32353	1.34%	0.132%
26	8.755	578	579	582	rBV	47726	59034	2.45%	0.241%
27	8.880	589	590	594	rBV	28560	37454	1.55%	0.153%
28	8.983	597	599	603	rVB	31938	39634	1.64%	0.162%
29	9.120	609	611	613	rVB	24075	25644	1.06%	0.105%
30	9.258	620	623	625	rBV	1785015	2411299	100.00%	9.848%
31	9.326	627	629	632	rVB	88007	83091	3.45%	0.339%
32	9.520	644	646	648	rVB	22533	28991	1.20%	0.118%
33	9.589	648	652	655	rBV	39203	68907	2.86%	0.281%
34	9.646	655	657	661	rVB	416141	416494	17.27%	1.701%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.703	661	662	668	rVB3	16705	30089	1.25%	0.123%
36	9.863	672	676	678	rBV	89800	95299	3.95%	0.389%
37	9.932	679	682	684	rBV	777854	681302	28.25%	2.782%
38	10.138	697	700	702	rVB3	12895	25454	1.06%	0.104%
39	10.183	702	704	706	rVB3	20167	29983	1.24%	0.122%
40	10.366	716	720	721	rBV	95322	144218	5.98%	0.589%
41	10.583	736	739	742	rBV	42094	63863	2.65%	0.261%
42	10.721	749	751	754	rBV2	1100874	1373614	56.97%	5.610%
43	10.835	759	761	766	rVB	163374	207892	8.62%	0.849%
44	11.281	798	800	806	rVB	75540	152480	6.32%	0.623%
45	11.418	810	812	815	rBV	469053	683101	28.33%	2.790%
46	11.715	836	838	840	rBV	89548	75138	3.12%	0.307%
47	11.886	850	853	854	rBV3	11835	25485	1.06%	0.104%
48	11.966	857	860	863	rBV3	193333	287651	11.93%	1.175%
49	12.126	871	874	876	rBV	51451	63319	2.63%	0.259%
50	12.515	906	908	909	rBV	40945	39446	1.64%	0.161%
51	12.744	926	928	934	rBV4	48979	105784	4.39%	0.432%
52	12.835	934	936	938	rBV	112725	105318	4.37%	0.430%
53	12.892	939	941	947	rVB4	42519	88734	3.68%	0.362%
54	13.018	949	952	955	rBV	2319059	2349620	97.44%	9.596%
55	13.247	970	972	975	rVB2	35058	46416	1.92%	0.190%
56	13.544	996	998	1000	rVB	77337	65933	2.73%	0.269%
57	13.589	1000	1002	1003	rBV2	33132	34335	1.42%	0.140%
58	13.921	1029	1031	1038	rBV	281373	433307	17.97%	1.770%
59	14.069	1042	1044	1051	rVV	497288	596143	24.72%	2.435%
60	14.561	1084	1087	1092	rBV4	73791	198789	8.24%	0.812%
61	14.995	1123	1125	1128	rVB	94528	122925	5.10%	0.502%
62	15.190	1140	1142	1143	rBV	77969	84883	3.52%	0.347%
63	15.224	1143	1145	1153	rVB4	119229	272389	11.30%	1.112%
64	15.532	1170	1172	1179	rVV	330847	526361	21.83%	2.150%
65	15.670	1182	1184	1187	rVB3	34267	52330	2.17%	0.214%
66	15.773	1190	1193	1196	rVB	49407	77901	3.23%	0.318%
67	16.001	1210	1213	1216	rBV	60149	114661	4.76%	0.468%
68	16.070	1216	1219	1222	rVB	41657	86353	3.58%	0.353%
69	16.653	1267	1270	1279	rVB2	40630	103866	4.31%	0.424%
70	16.801	1280	1283	1289	rVB3	25572	67406	2.80%	0.275%
71	17.098	1306	1309	1312	rBV3	34387	68938	2.86%	0.282%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.578	1347	1351	1358	rBV9	32570	112613	4.67%	0.460%
73	17.956	1381	1384	1388	rVB5	13788	29497	1.22%	0.120%
74	18.584	1436	1439	1446	rVB7	15653	52174	2.16%	0.213%

Sum of corrected areas: 24486021

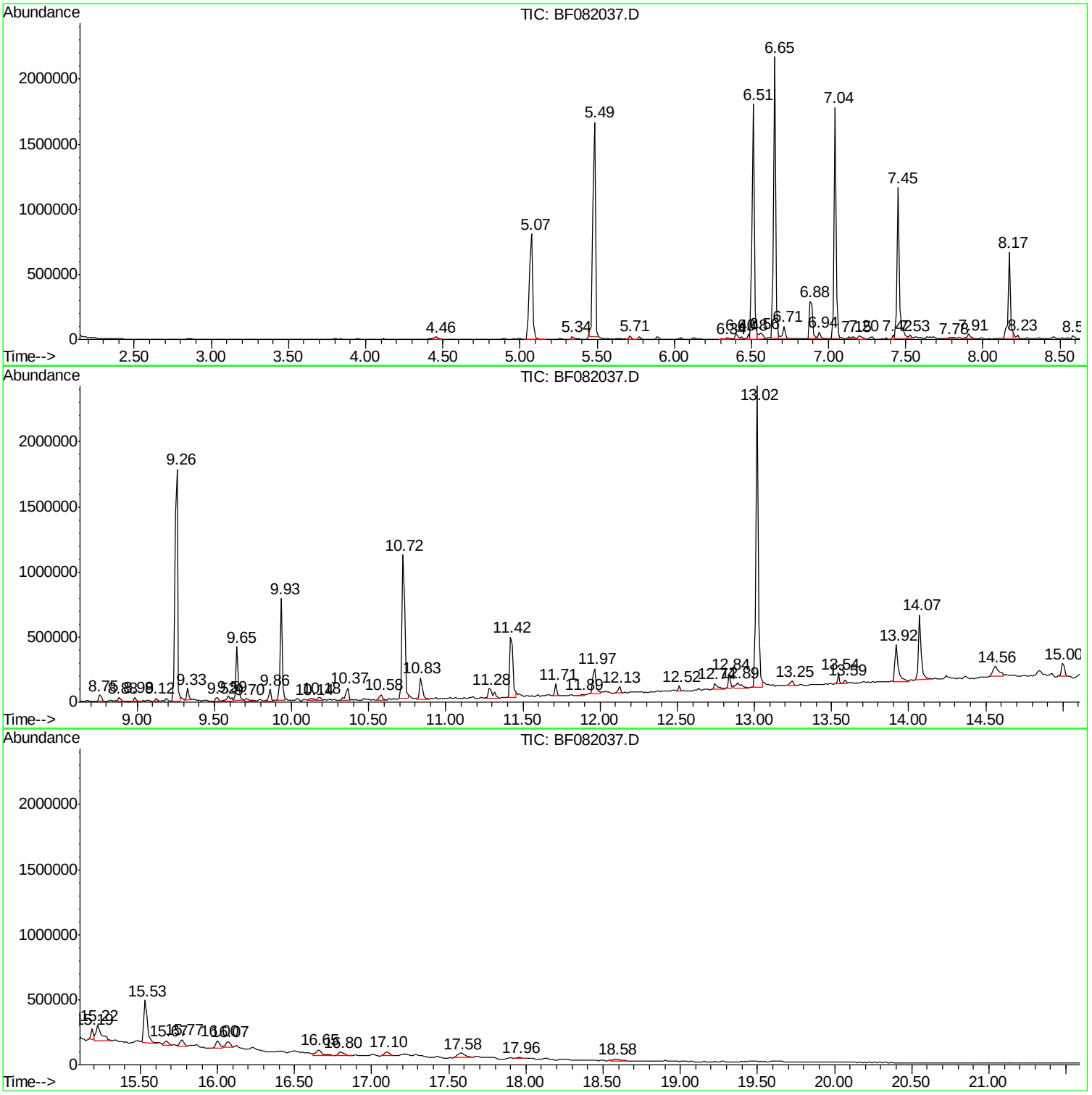
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

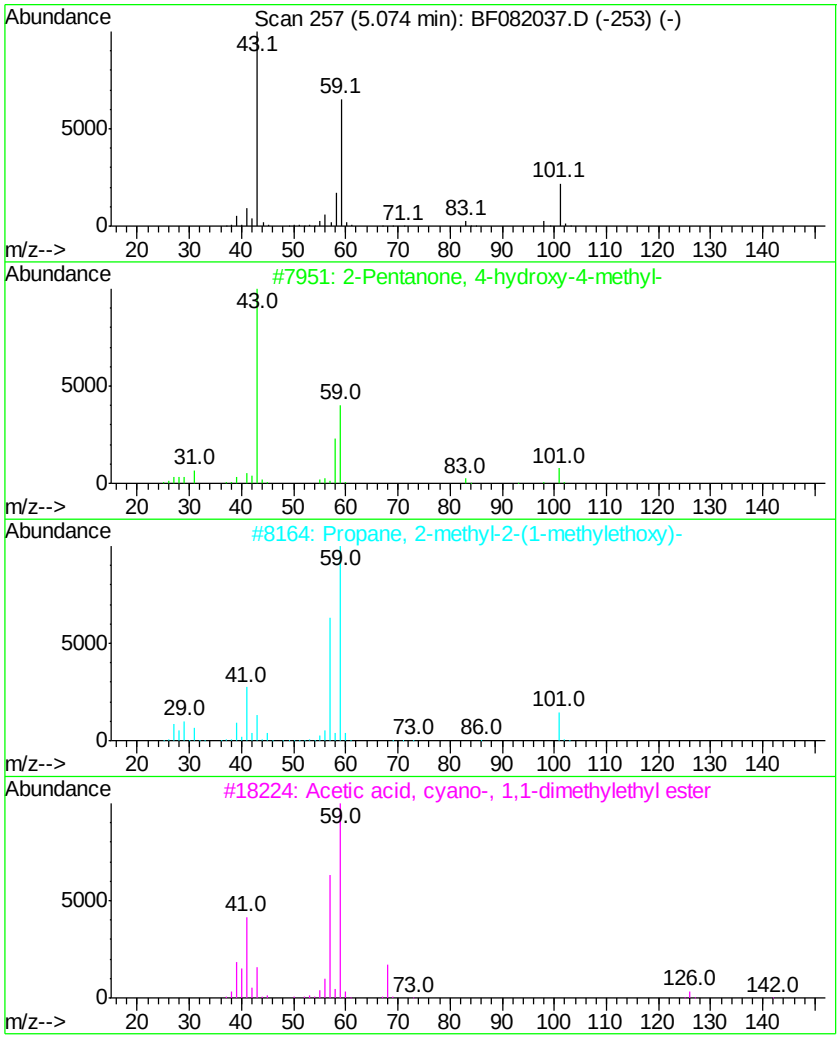
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

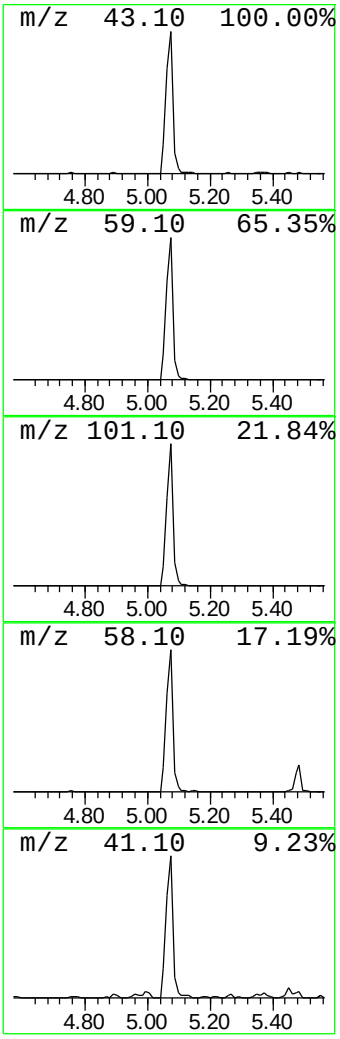
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	56.69 ng	1164470	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

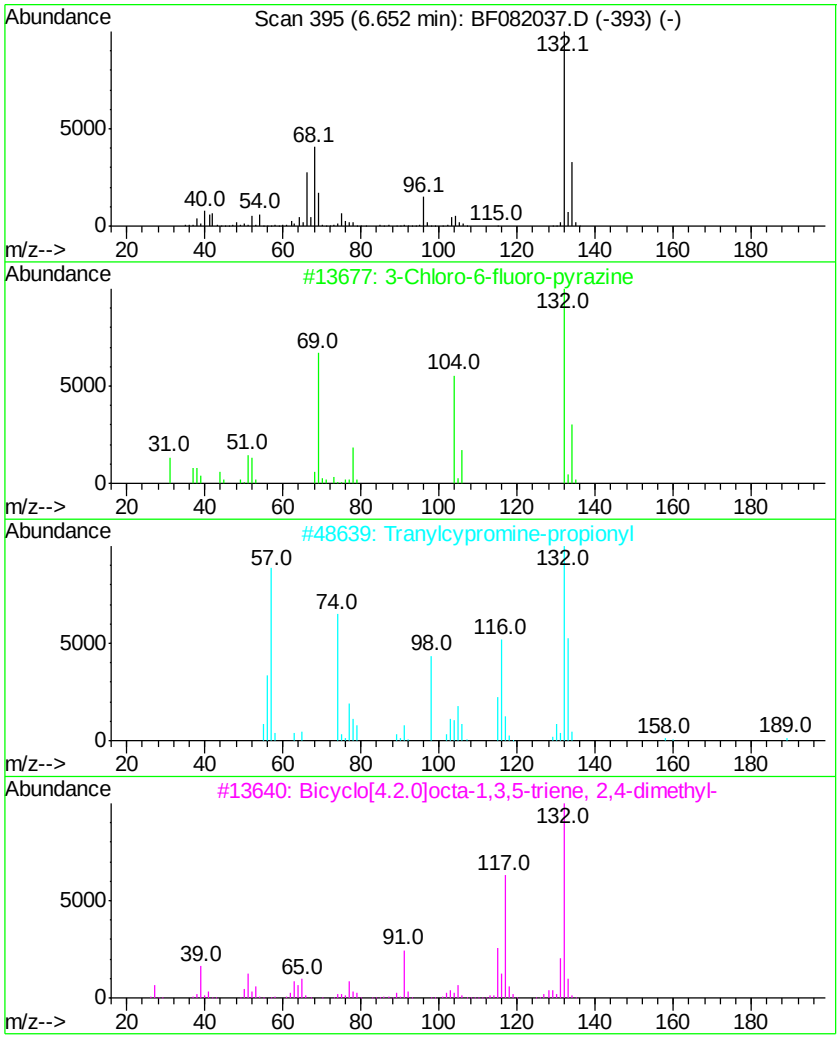
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

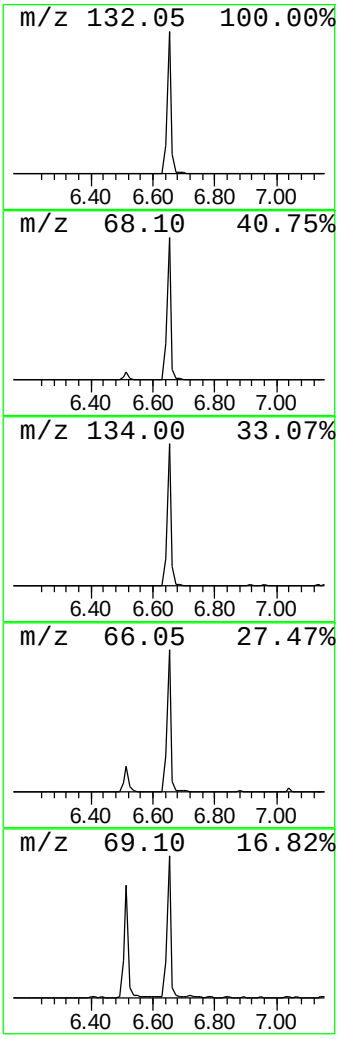
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	97.41 ng	2000970	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

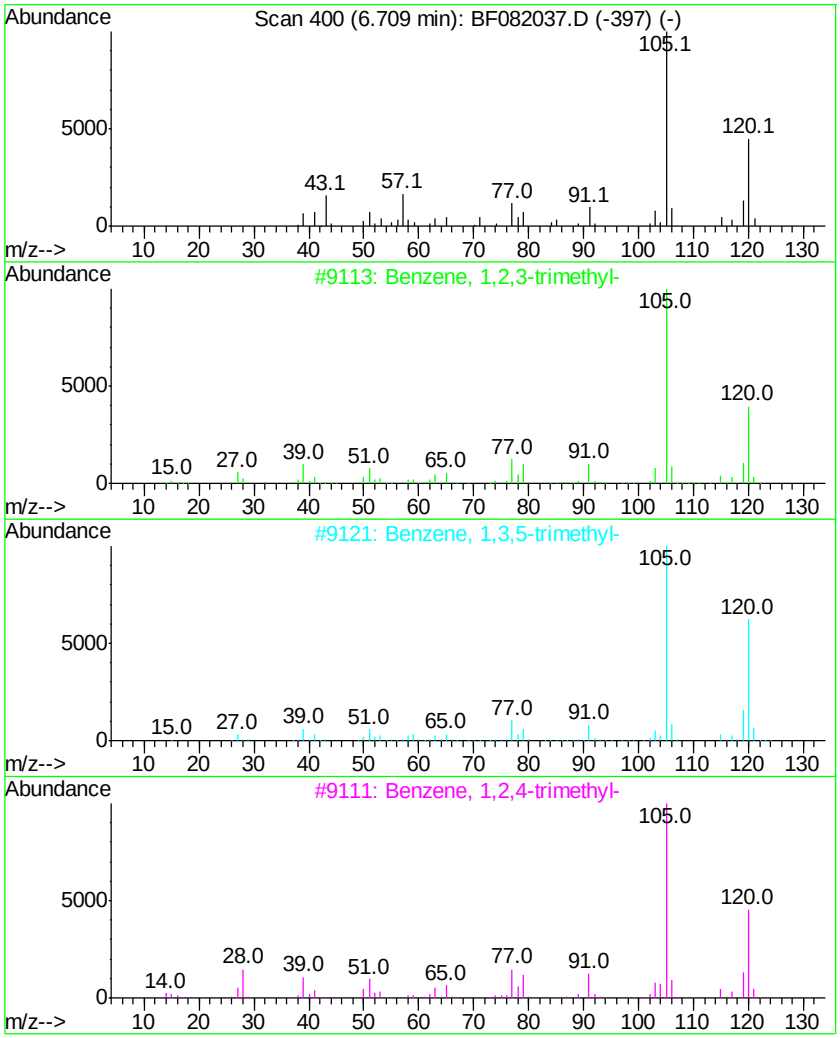
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

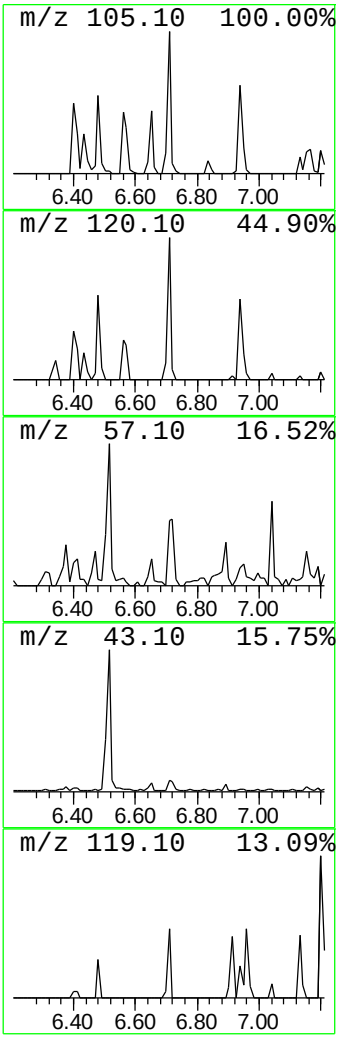
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	5.93 ng	121751	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

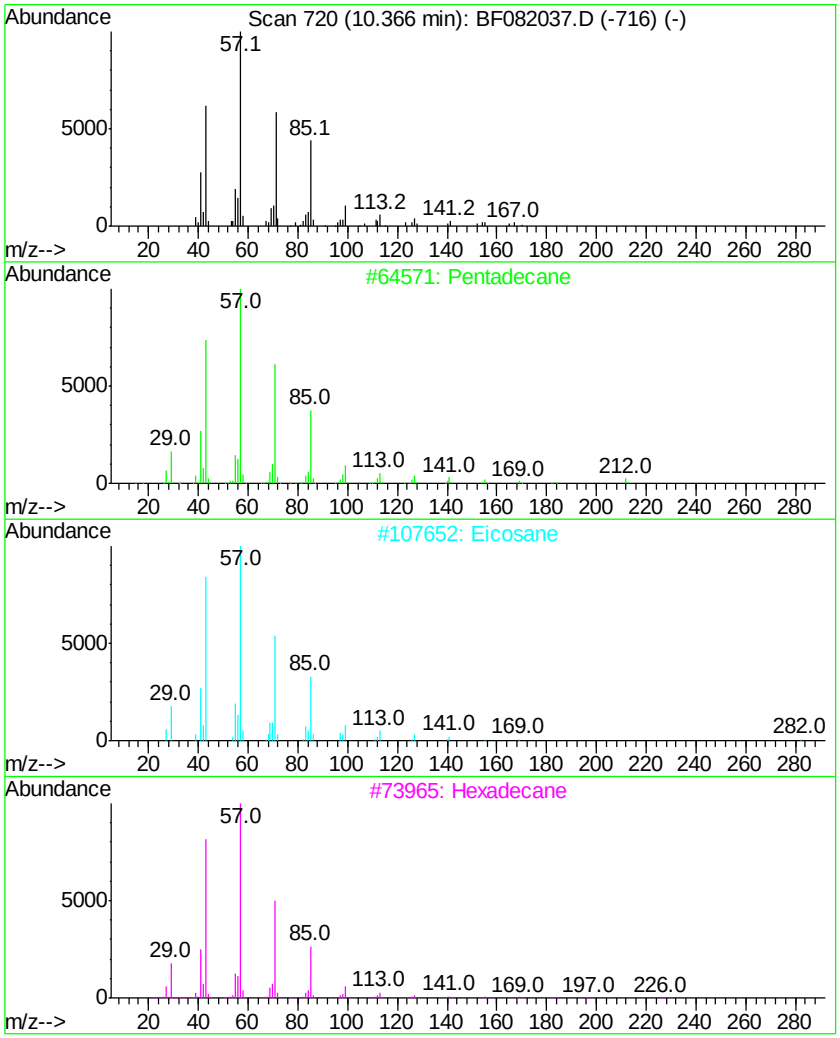
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

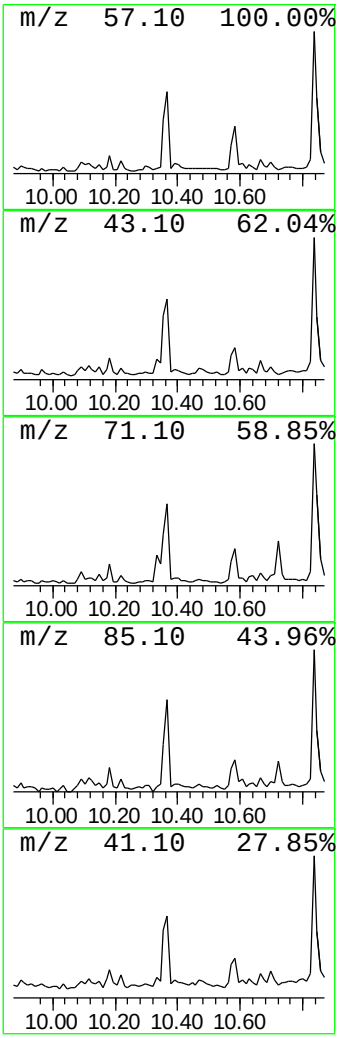
****

Peak Number 5 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	4.23 ng	144218	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

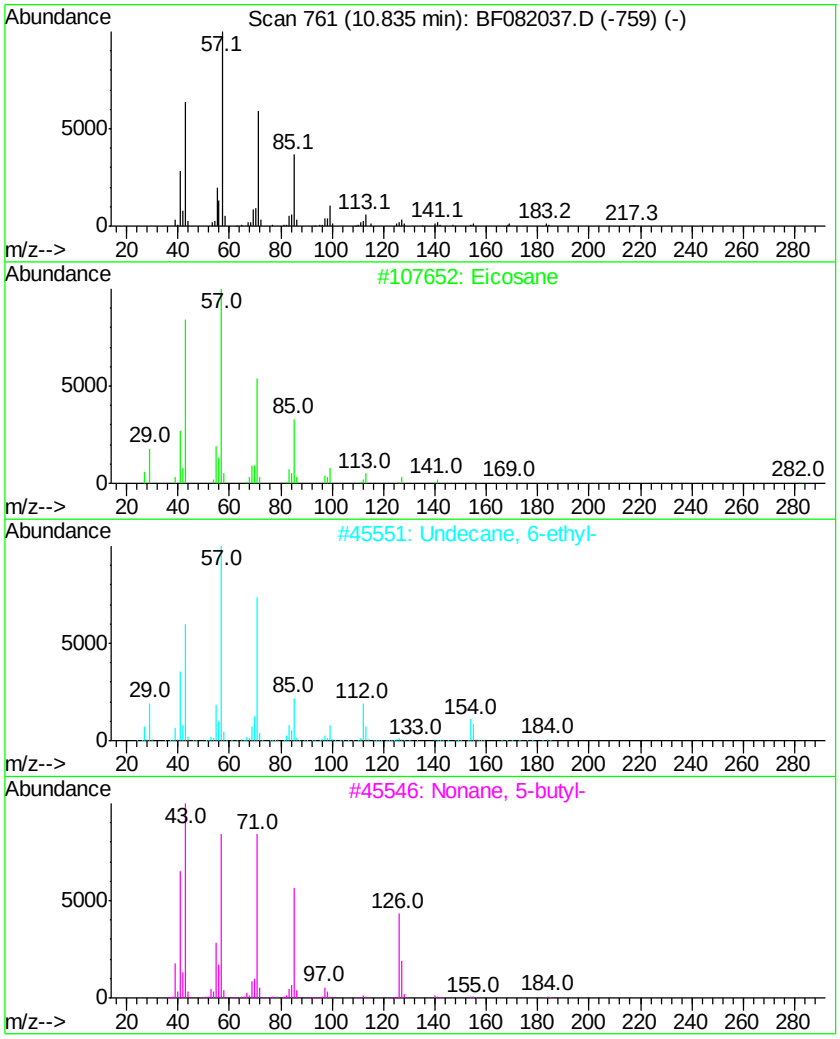
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

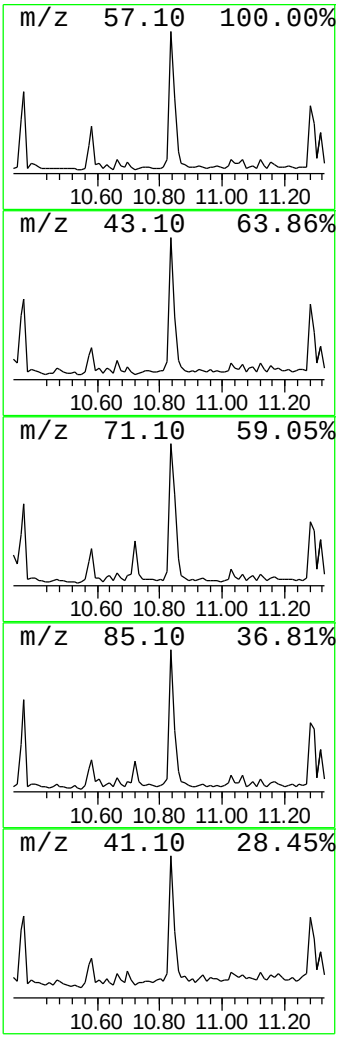
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	6.09 ng	207892	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

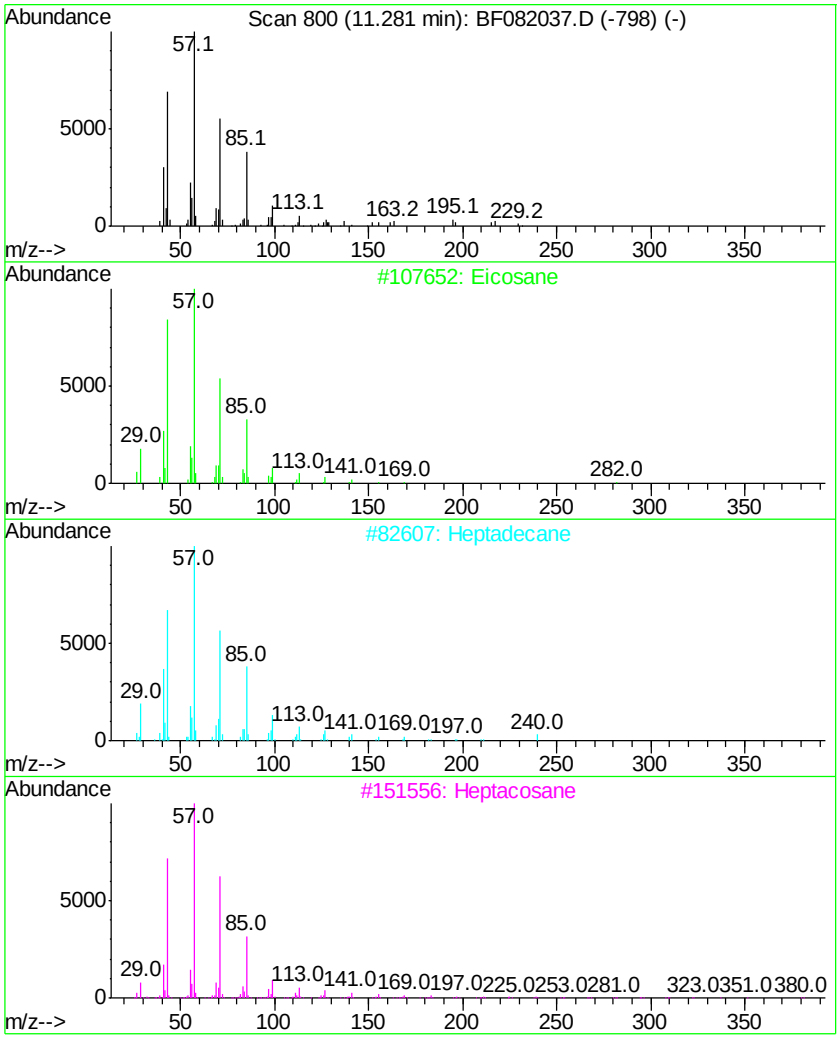
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

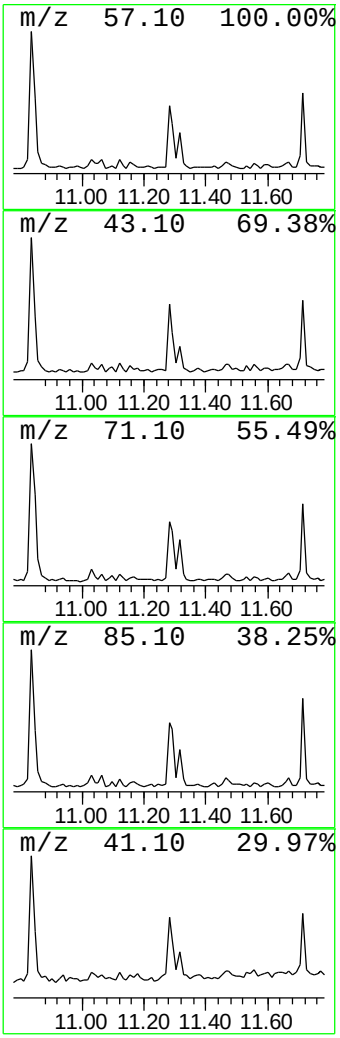
****

Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.46 ng	152480	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

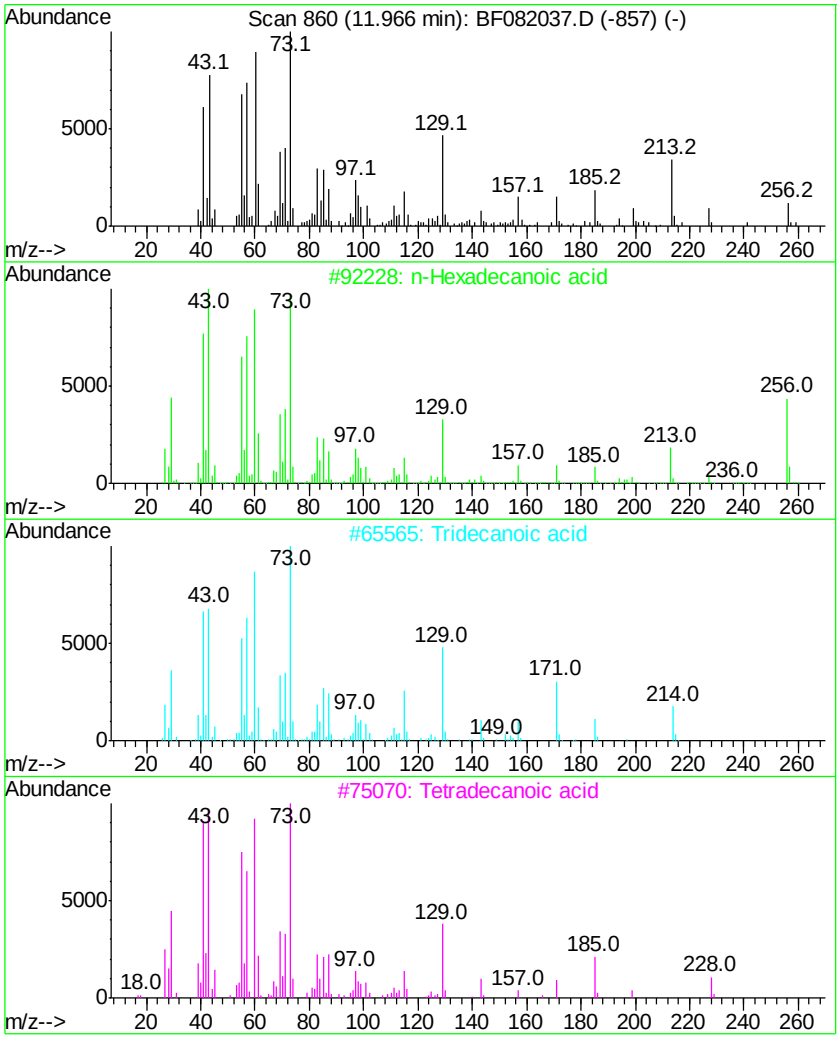
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

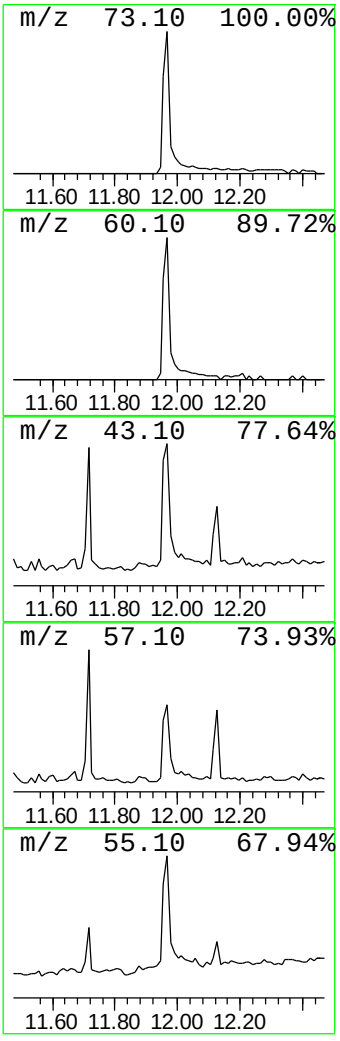
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.42 ng	287651	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

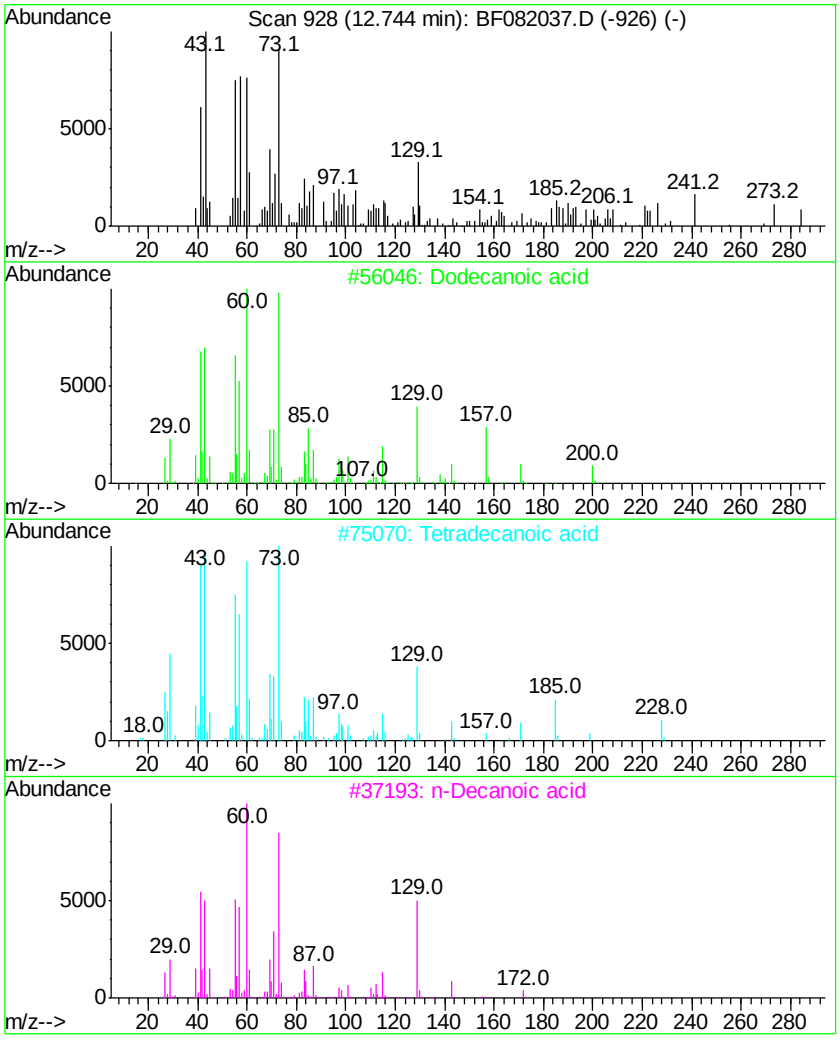
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

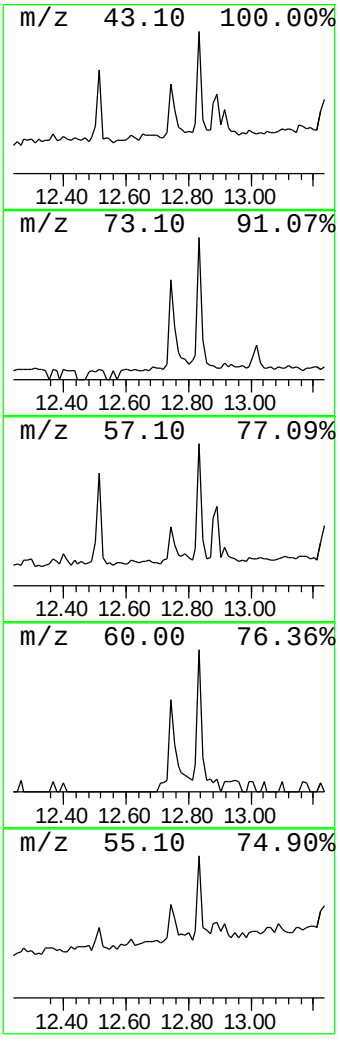
****

Peak Number 9 Dodecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.55 ng	105784	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

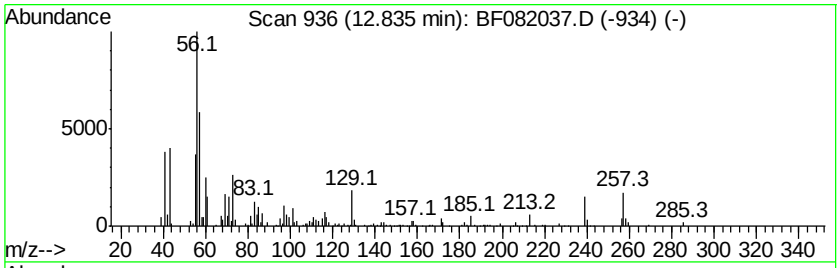
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

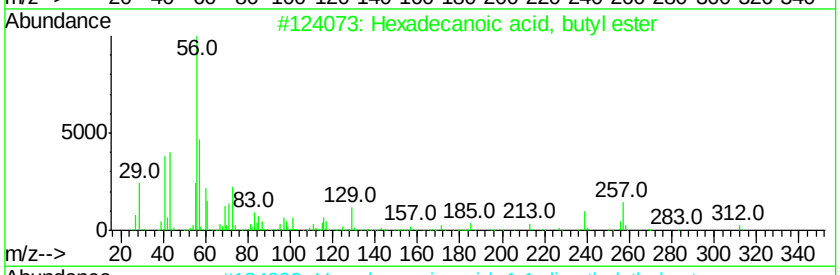
****

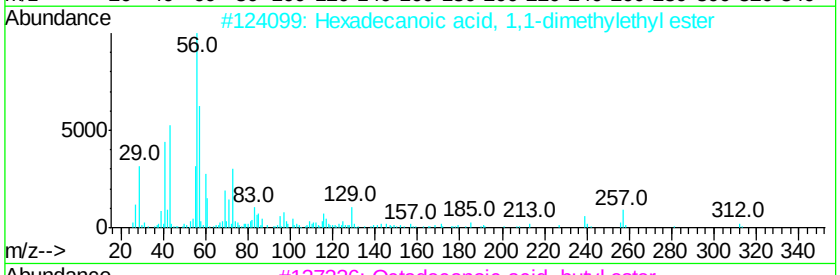
Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 17

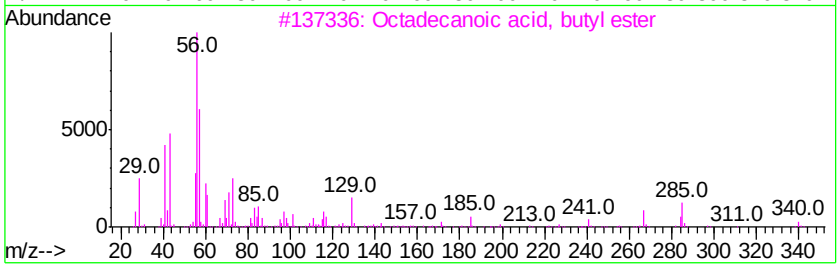
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	3.53 ng	105318	Chrysene-d12	14.07

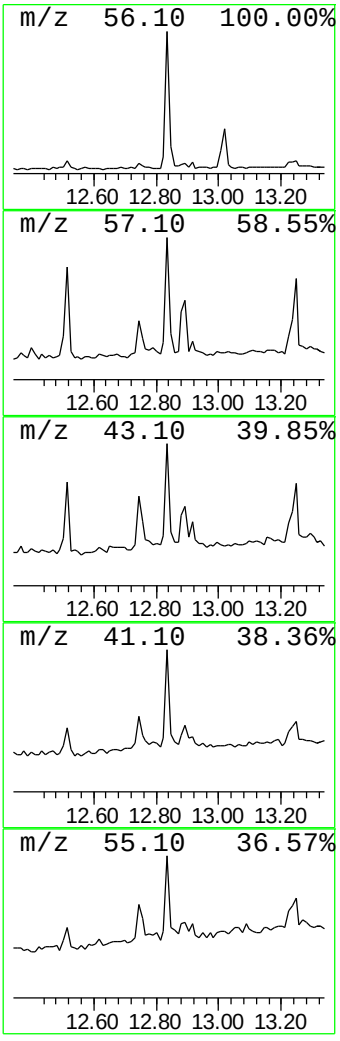
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	74
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38











Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

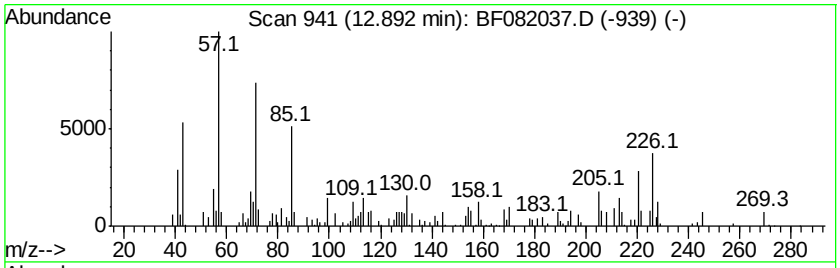
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

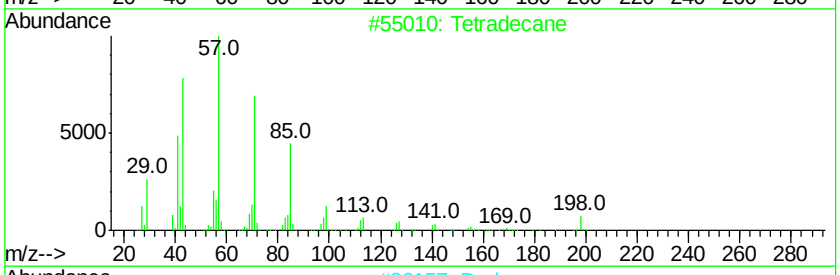
****

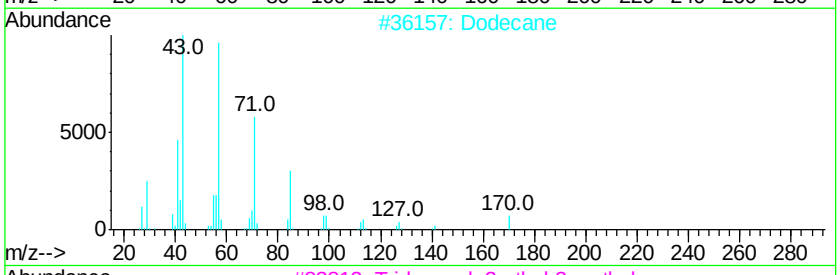
Peak Number 11 Tetradecane Concentration Rank 20

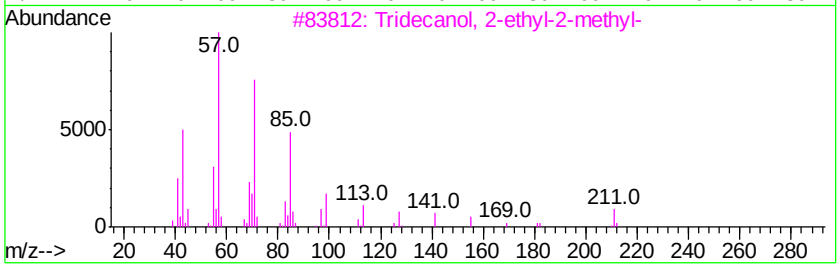
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.98 ng	88734	Chrysene-d12	14.07

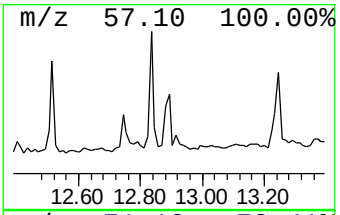
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Dodecane	170	C12H26	000112-40-3	60
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	47

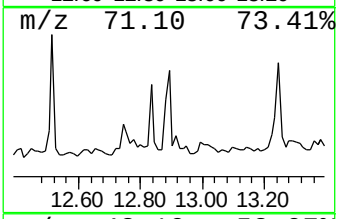


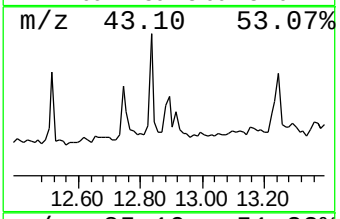


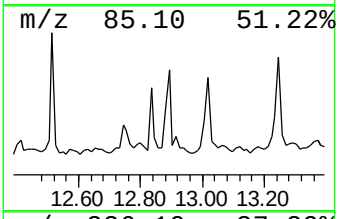


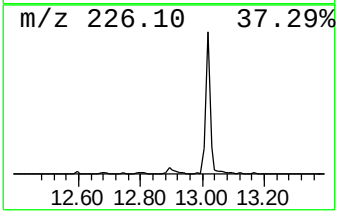












Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

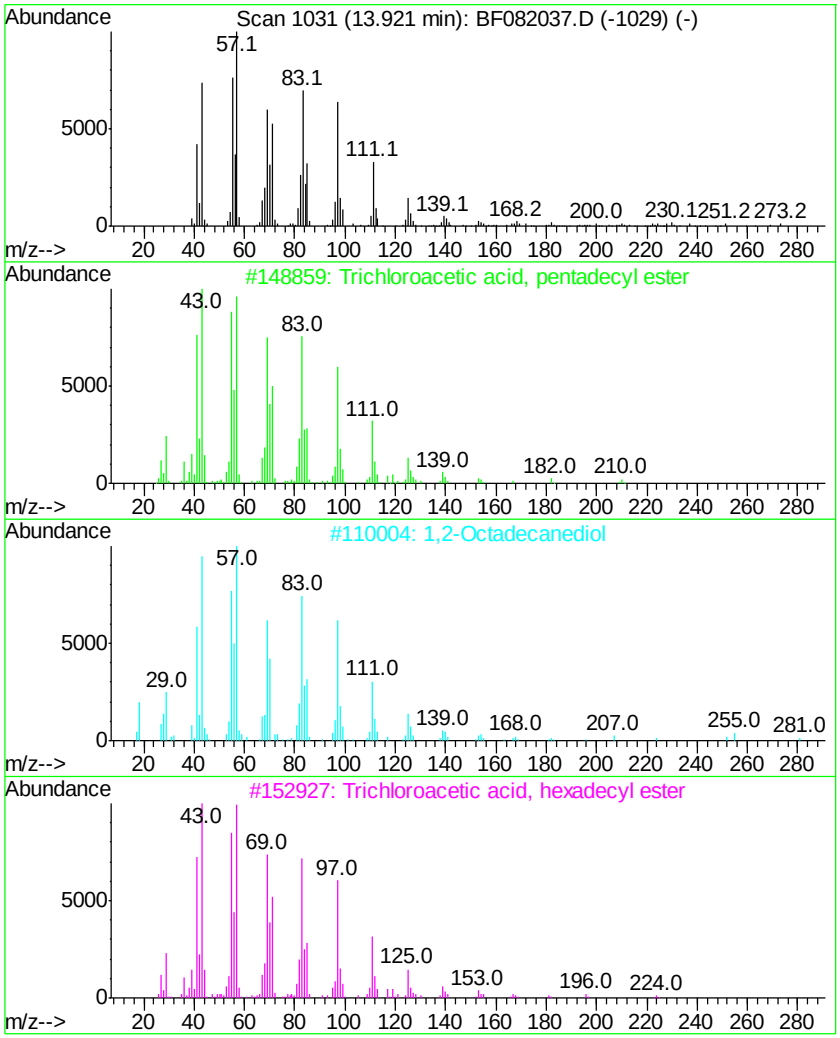
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

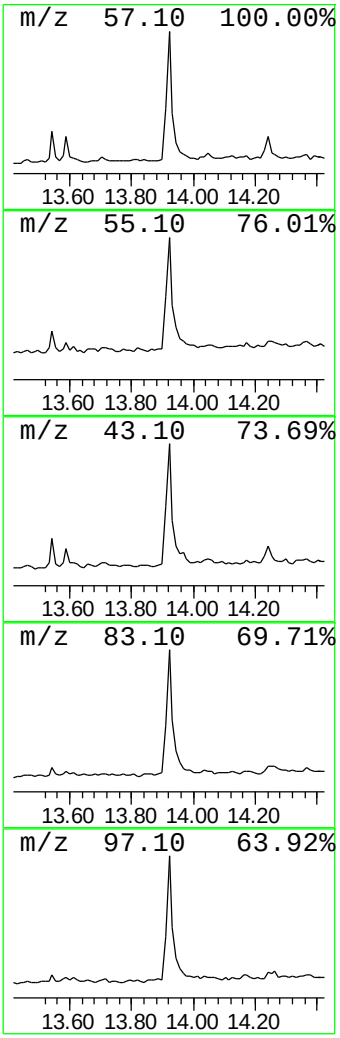
****

Peak Number 12 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	14.54 ng	433307	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	1,2-Octadecanediol	286	C18H38O2	020294-76-2	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

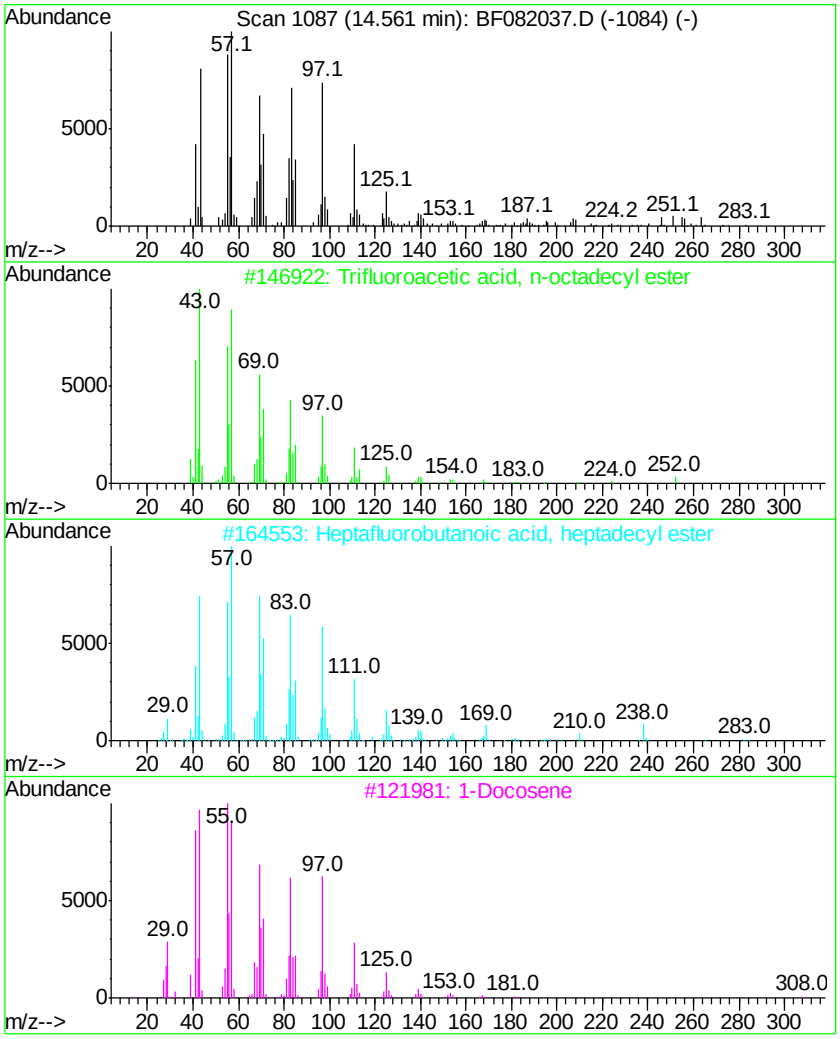
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

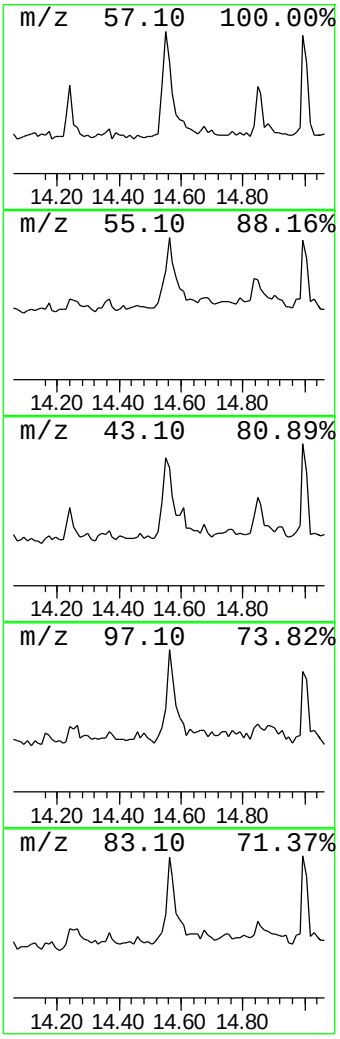
****

Peak Number 13 Trifluoroacetic acid, n-oct... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.67 ng	198789	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	90
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
3	1-Docosene	308	C22H44	001599-67-3	81
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

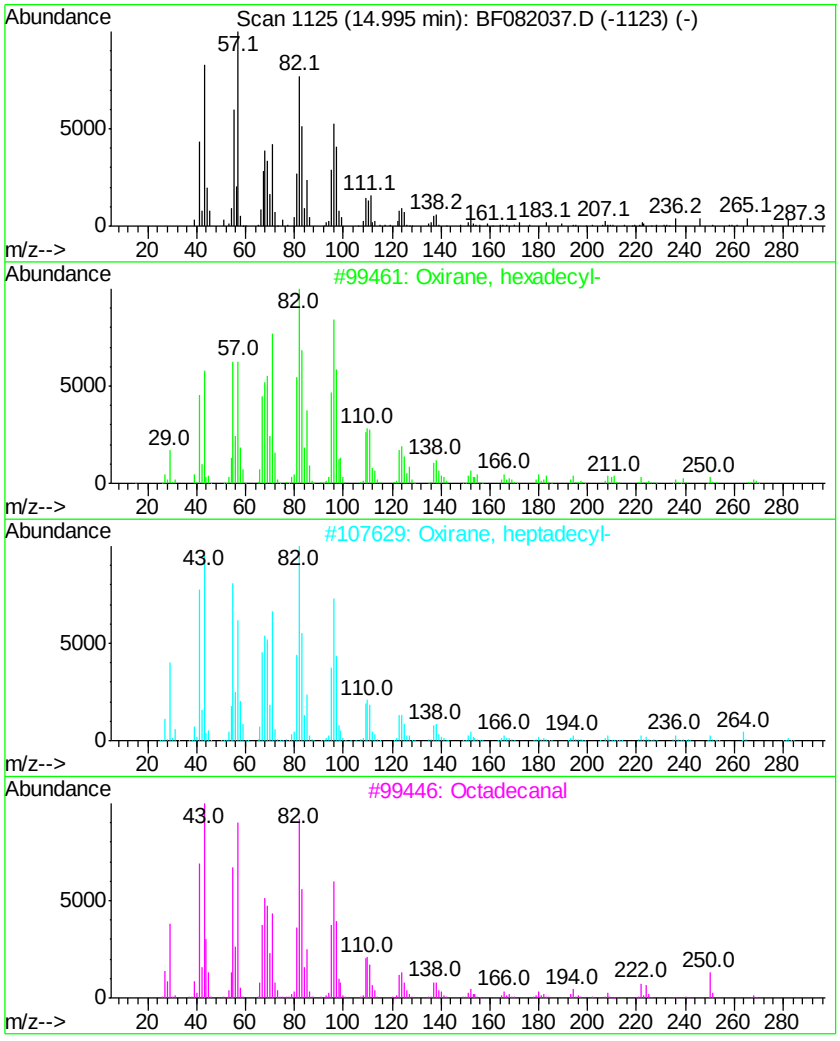
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

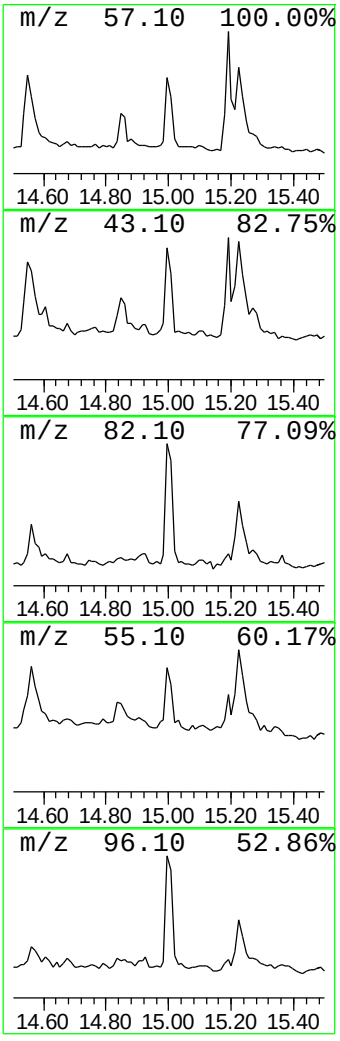
****

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	4.67 ng	122925	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
3	Octadecanal	268	C18H36O	000638-66-4	74
4	1,19-Eicosadiene	278	C20H38	014811-95-1	74
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

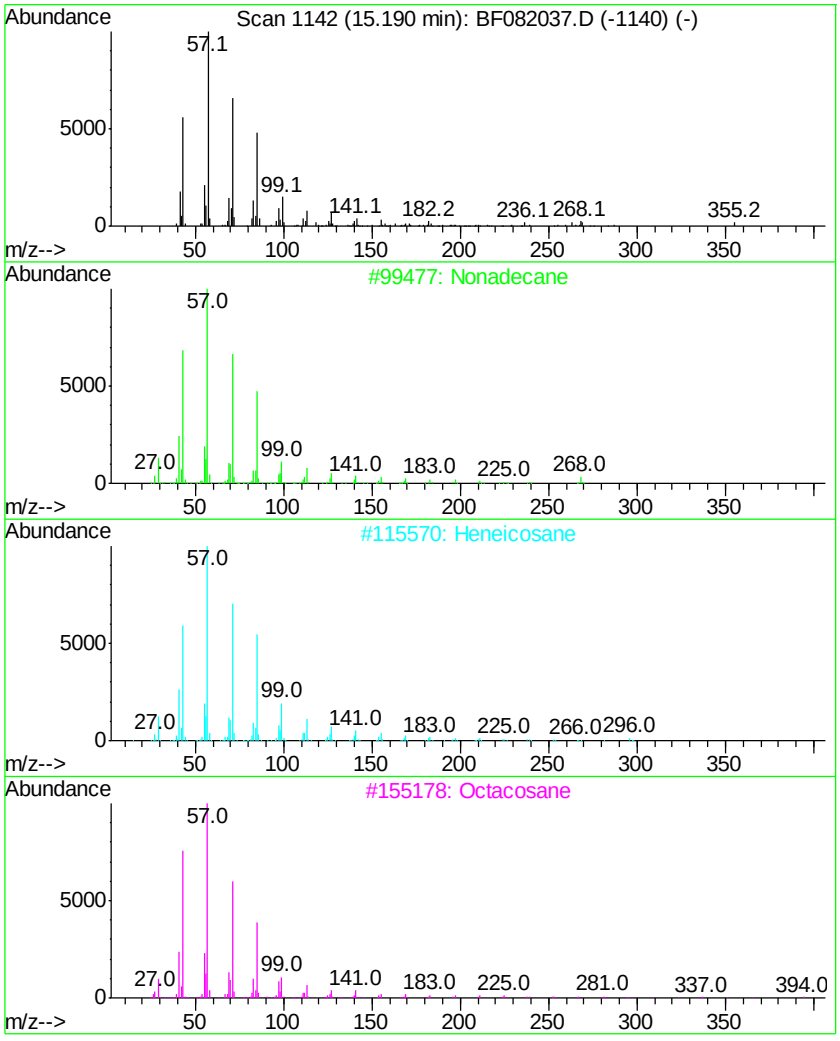
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

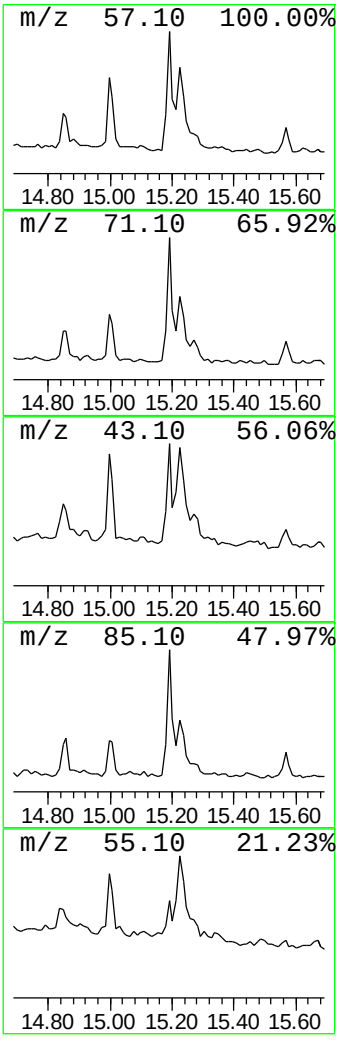
****

Peak Number 15 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.23 ng	84883	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

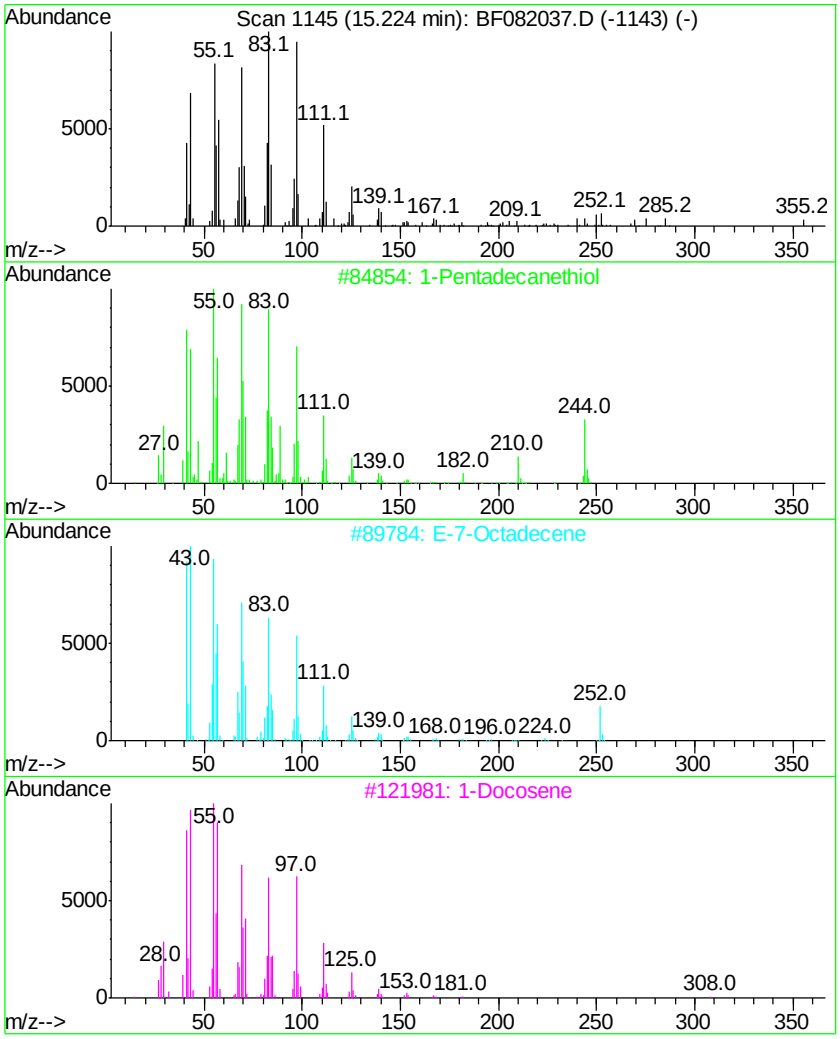
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

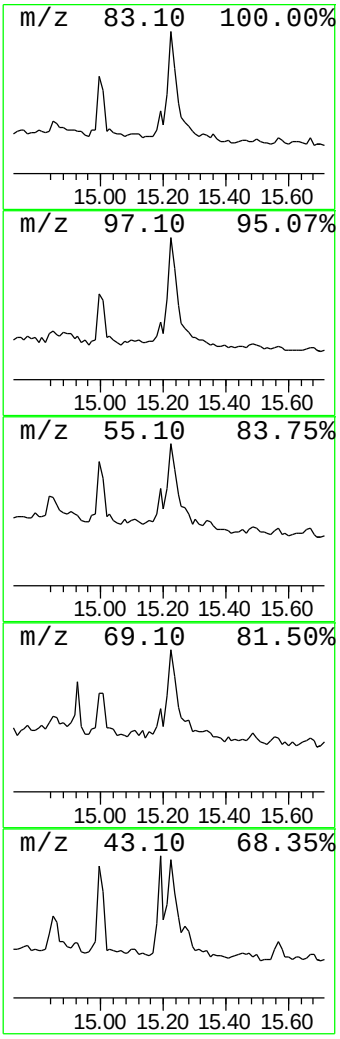
****

Peak Number 16 1-Pentadecanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	10.35 ng	272389	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	91
2	E-7-Octadecene	252	C18H36	1000130-92-0	83
3	1-Docosene	308	C22H44	001599-67-3	62
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58
5	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

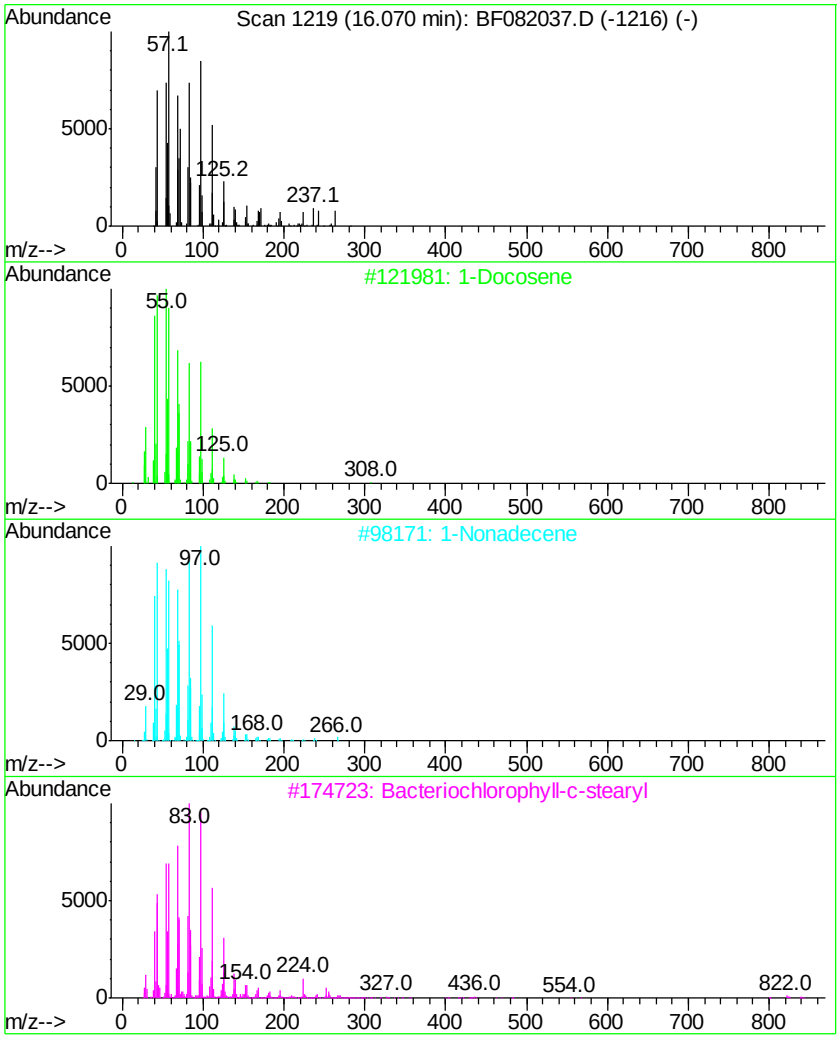
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

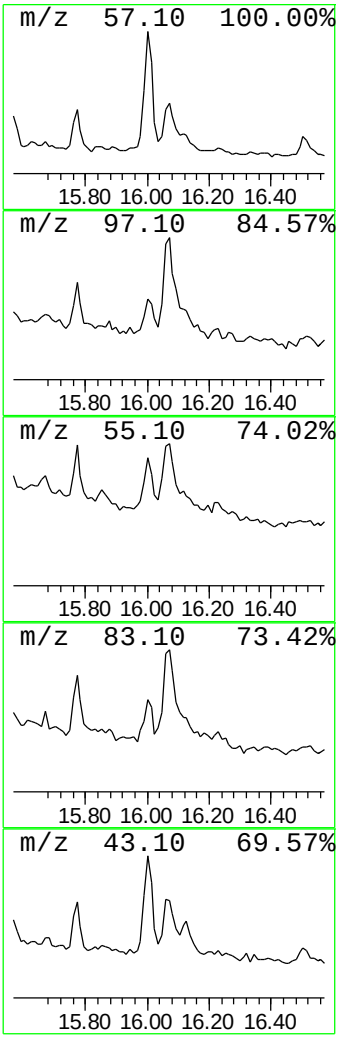
****

Peak Number 18 1-Docosene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.28 ng	86353	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Cyclohexadecane	224	C16H32	000295-65-8	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

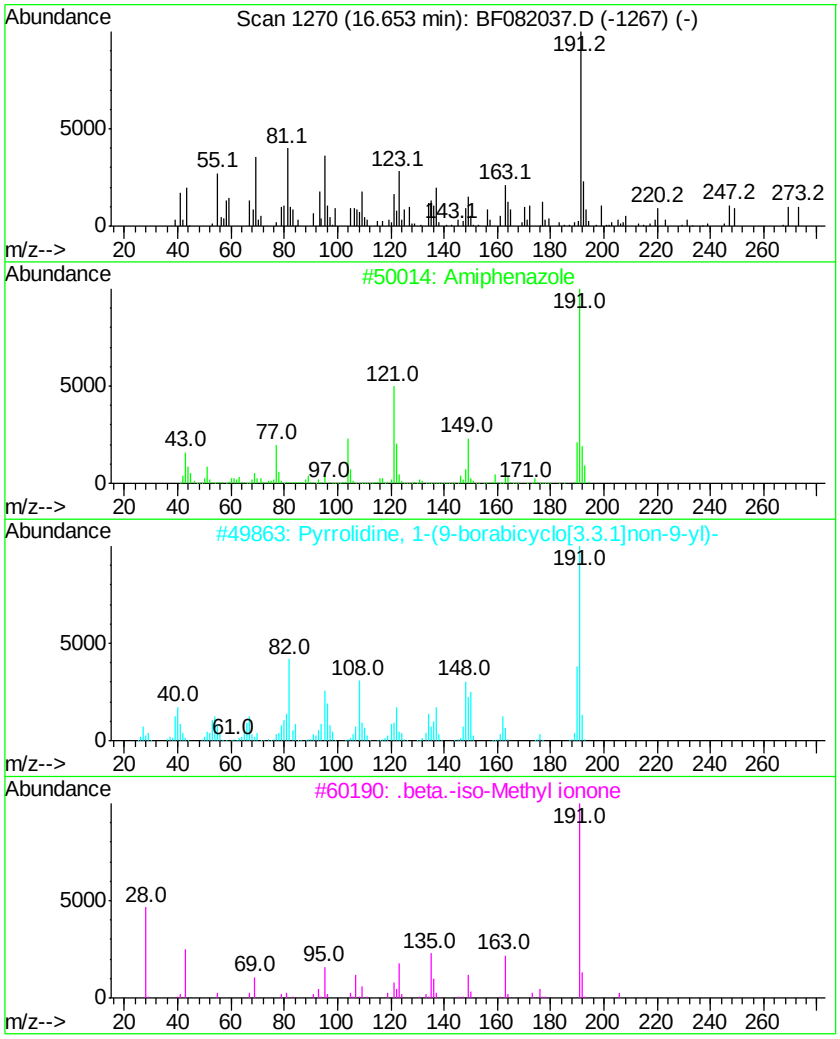
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

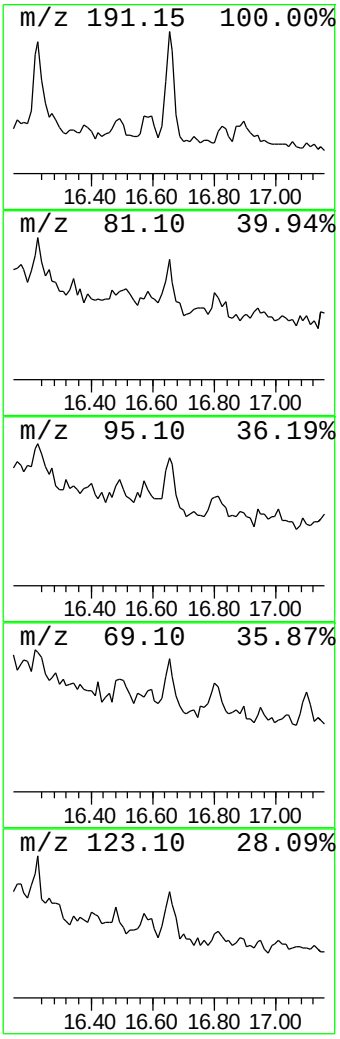
****

Peak Number 19 unknown16.65 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.95 ng	103866	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amiphenazole	191	C9H9N3S	000490-55-1	38
2	Pyrrolidine, 1-(9-borabicyclo[3....	191	C12H22BN	022516-41-2	38
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	37
4	Pyrido[3,4-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	022389-83-9	35
5	9,10-Anthracenedimethanol, 9,10-...	548	C30H28O6S2	1000195-17-4	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

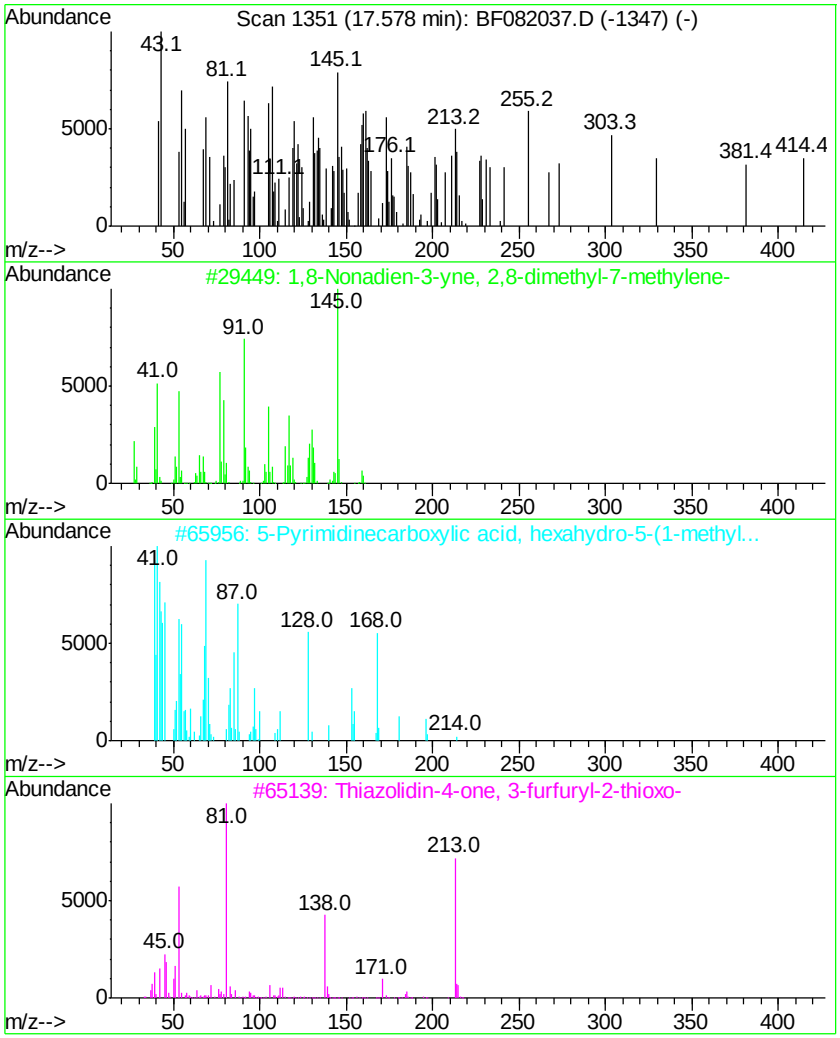
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

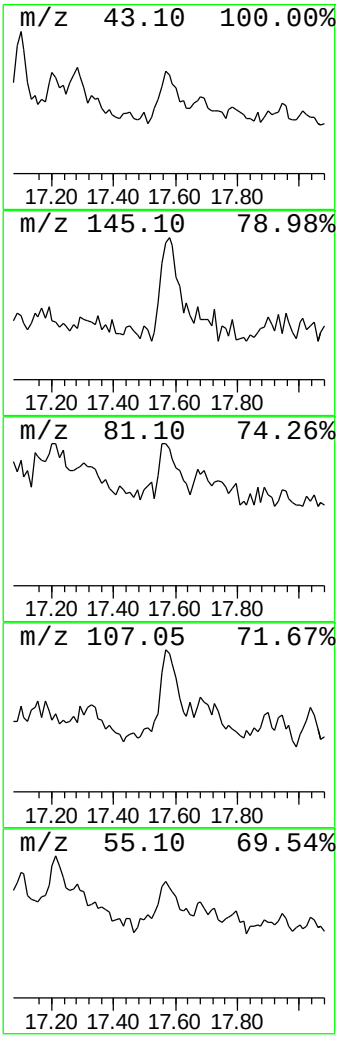
****

Peak Number 20 unknown17.58 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	4.28 ng	112613	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonadien-3-yne, 2,8-dimethyl...	160	C12H16	076003-41-3	32
2	5-Pyrimidinecarboxylic acid, hex...	214	C8H10N2O5	072088-02-9	25
3	Thiazolidin-4-one, 3-furfuryl-2-...	213	C8H7NO2S2	004703-95-1	25
4	Dehydroelsholtzia ketone	164	C10H12O2	006138-88-1	25
5	2,4-Dimethyl-3-nitrobicyclo[3.2....	197	C10H15NO3	1000192-17-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082037.D
Acq On : 3 Oct 2015 22:55
Operator : UM/IZ
Sample : G3891-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.07	56.7	ng	1164470	1	6.89	410851	20.0
unknown6.65	6.65	97.4	ng	2000970	1	6.89	410851	20.0
Benzene, 1,2,3-tr...	6.71	5.9	ng	121751	1	6.89	410851	20.0
Pentadecane	10.37	4.2	ng	144218	3	9.93	681302	20.0
Eicosane	10.83	6.1	ng	207892	4	11.42	683101	20.0
Heptadecane	11.28	4.5	ng	152480	4	11.42	683101	20.0
n-Hexadecanoic acid	11.97	8.4	ng	287651	4	11.42	683101	20.0
Dodecanoic acid	12.74	3.5	ng	105784	5	14.07	596143	20.0
Hexadecanoic acid...	12.84	3.5	ng	105318	5	14.07	596143	20.0
Tetradecane	12.89	3.0	ng	88734	5	14.07	596143	20.0
Trichloroacetic a...	13.92	14.5	ng	433307	5	14.07	596143	20.0
Trifluoroacetic a...	14.56	6.7	ng	198789	5	14.07	596143	20.0
Oxirane, hexadecyl-	15.00	4.7	ng	122925	6	15.53	526361	20.0
Nonadecane	15.19	3.2	ng	84883	6	15.53	526361	20.0
1-Pentadecanethiol	15.22	10.4	ng	272389	6	15.53	526361	20.0
1-Docosene	16.07	3.3	ng	86353	6	15.53	526361	20.0
unknown16.65	16.65	4.0	ng	103866	6	15.53	526361	20.0
unknown17.58	17.58	4.3	ng	112613	6	15.53	526361	20.0