LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.036	255	258	268	rVB	358250	615520	28.18%	2.514%
2	5.470	294	296	299	rBV	1715007	1911933	87.54%	7.809%
3	5.859	328	330	332	rBV	30004	28251	1.29%	0.115%
4	6.499	383	386	389	rBV	1700981	1904904	87.22%	7.780%
5	6.624	394	397	399	rBV	2339880	2183996	100.00%	8.920%
6	6.853	415	417	419	rBV	352644	417565	19.12%	1.705%
7	7.002	428	430	433	rBV	1328147	1743770	79.84%	7.122%
8	7.413	463	466	469	rBV	1288597	1328798	60.84%	5.427%
9	7.870	504	506	511	rBV2	14596	22497	1.03%	0.092%
10	8.133	526	529	531	rBV	606349	547070	25.05%	2.234%
11	9.207	620	623	626	rBV	1926747	1973055	90.34%	8.059%
12	9.299	628	631	633	rBV2	11911	23683	1.08%	0.097%
13	9.539	650	652	656	rBV4	16164	37984	1.74%	0.155%
14	9.607	656	658	660	rVB	320425	399546	18.29%	1.632%
15	9.882	680	682	684	rBV	600683	581804	26.64%	2.376%
16	9.916	684	685	687	rVB	76035	59205	2.71%	0.242%
17	10.088	698	700	703	rBV	67659	74713	3.42%	0.305%
18	10.316	716	720	722	rBV2	36619	73828	3.38%	0.302%
19	10.430	728	730	733	rVB	103600	99575	4.56%	0.407%
20	10.499	733	736	737	rBV2	16040	35403	1.62%	0.145%
21	10.545	737	740	742	rVV	41096	49522	2.27%	0.202%
22	10.590	742	744	746	rVB	32215	35922	1.64%	0.147%
23	10.670	749	751	754	rBV2	1275136	1568816	71.83%	6.408%
24	10.796	759	762	767	rVV	82538	141339	6.47%	0.577%
25	10.979	776	778	781	rBV4	19782	46492	2.13%	0.190%
26	11.025	781	782	786	rVB4	13041	28712	1.31%	0.117%
27	11.128	788	791	793	rBV3	16001	26118	1.20%	0.107%
28	11.173	793	795	797	rBV	21085	22277	1.02%	0.091%
29	11.242	797	801	802	rBV2	65554	90914	4.16%	0.371%
30	11.265	802	803	806	rVB2	53038	67795	3.10%	0.277%
31	11.368	810	812	813	rBV	759904	708969	32.46%	2.896%
32	11.448	816	819	820	rVV	84403	132315	6.06%	0.540%
33	11.596	830	832	833	rBV	87478	93246	4.27%	0.381%
34	11.665	836	838	839	rVV	34922	39867	1.83%	0.163%

LSC Area Percent Report

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Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.985	864	866	867	rBV	119670	153660	7.04%	0.628%
36	12.591	917	919	921	rVB	534096	497184	22.76%	2.031%
37	12.625	921	922	926	rVB3	26136	49536	2.27%	0.202%
38	12.739	930	932	933	rVB2	22859	27661	1.27%	0.113%
39	12.808	933	938	942	rBV	399045	524398	24.01%	2.142%
40	12.956	948	951	953	rVB	1907419	1926728	88.22%	7.869%
41	13.036	955	958	959	rBV	20660	43338	1.98%	0.177%
42	13.139	963	967	968	rBV2	46296	68733	3.15%	0.281%
43	13.185	970	971	974	rBV3	25994	49439	2.26%	0.202%
44	13.242	974	976	982	rBV2	35527	55944	2.56%	0.228%
45	13.528	998	1001	1003	rBV	54189	71441	3.27%	0.292%
46	13.642	1008	1011	1013	rBV	39514	51128	2.34%	0.209%
47	13.756	1018	1021	1024	rBV3	29659	69116	3.16%	0.282%
48	13.802	1024	1025	1027	rBV	18994	37577	1.72%	0.153%
49	13.848	1027	1029	1033	rVB	139287	187583	8.59%	0.766%
50	13.996	1039	1042	1047	rBV3	528970	1071481	49.06%	4.376%
51	14.088	1048	1050	1051	rBV2	13593	22723	1.04%	0.093%
52	14.134	1053	1054	1055	rBV	37613	36291	1.66%	0.148%
53	14.168	1055	1057	1061	rVB2	61654	87364	4.00%	0.357%
54	14.328	1069	1071	1075	rVB	30900	61434	2.81%	0.251%
55	14.477	1081	1084	1086	rBV2	98929	120649	5.52%	0.493%
56	14.705	1101	1104	1106	rVB4	17486	36337	1.66%	0.148%
57	14.774	1106	1110	1112	rBV	53973	93588	4.29%	0.382%
58	14.911	1120	1122	1124	rVB	33652	32104	1.47%	0.131%
59	15.025	1129	1132	1136	rBV	113568	216518	9.91%	0.884%
60	15.094	1136	1138	1144	rVB2	99885	185252	8.48%	0.757%
61	15.311	1155	1157	1161	rVB	49084	82502	3.78%	0.337%
62	15.380	1161	1163	1165	rVB	82270	105450	4.83%	0.431%
63	15.437	1165	1168	1176	rVB	384242	542750	24.85%	2.217%
64	15.562	1176	1179	1182	rBV5	12485	32232	1.48%	0.132%
65	15.654	1184	1187	1189	rBV	52779	81231	3.72%	0.332%
66	15.871	1203	1206	1208	rBV	48378	73896	3.38%	0.302%
67	15.917	1208	1210	1214	rVB4	34445	67543	3.09%	0.276%
68	16.100	1224	1226	1227	rBV2	16452	24282	1.11%	0.099%
69	16.625	1269	1272	1278	rVB2	73594	145606	6.67%	0.595%
70	16.854	1288	1292	1295	rBV	37791	76639	3.51%	0.313%
71	16.911	1295	1297	1301	rBV4	14323	31747	1.45%	0.130%

LSC Area Percent Report

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Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.991	1301	1304	1305	rBV2	24153	41381	1.89%	0.169%
73	17.277	1322	1329	1334	rBV	32068	111195	5.09%	0.454%
74	17.380	1334	1338	1347	rVB6	37141	104837	4.80%	0.428%
75	18.351	1419	1423	1430	rBV8	12965	45425	2.08%	0.186%
76	19.460	1515	1520	1527	rBV3	6098	24466	1.12%	0.100%

Sum of corrected areas: 24483793

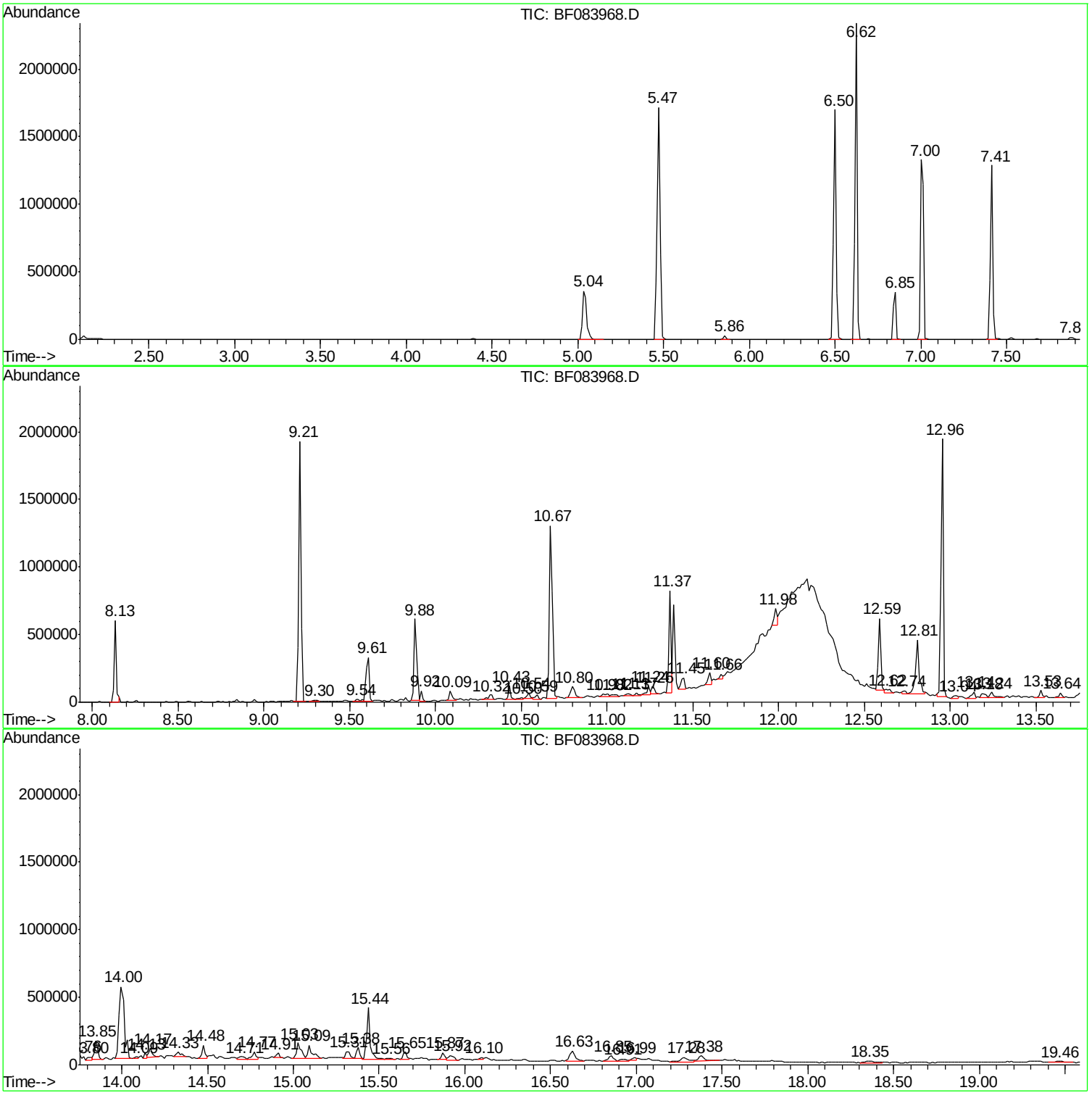
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

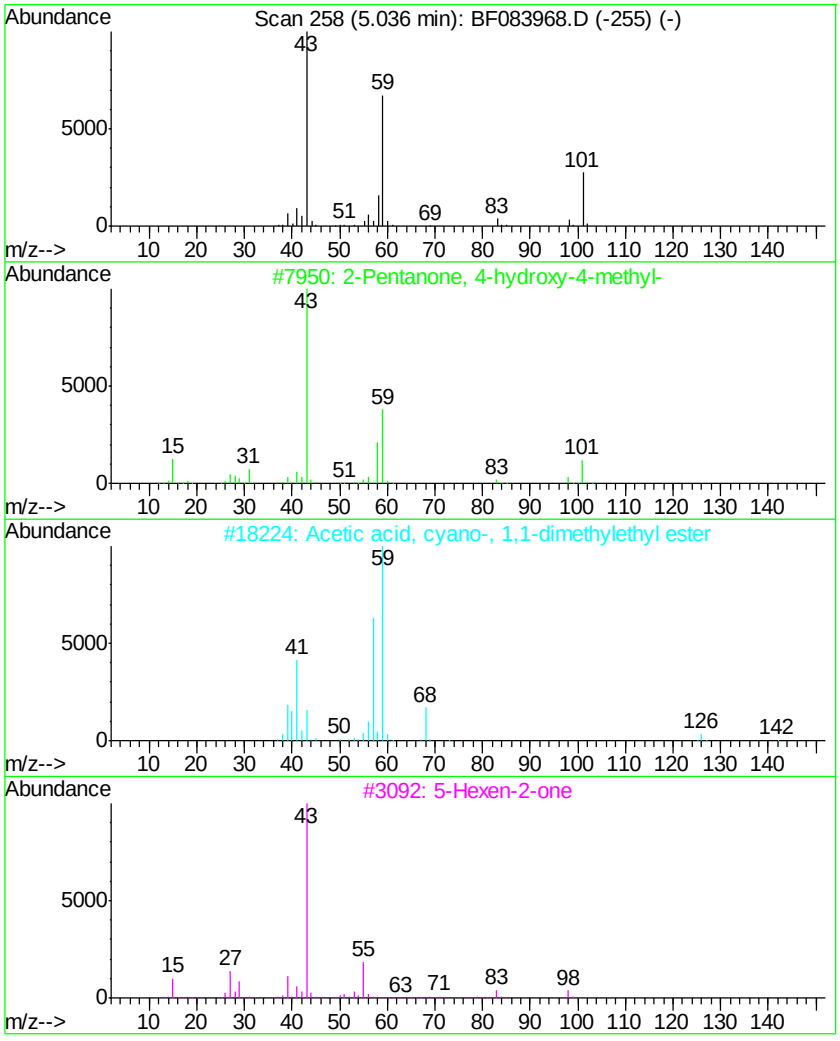
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

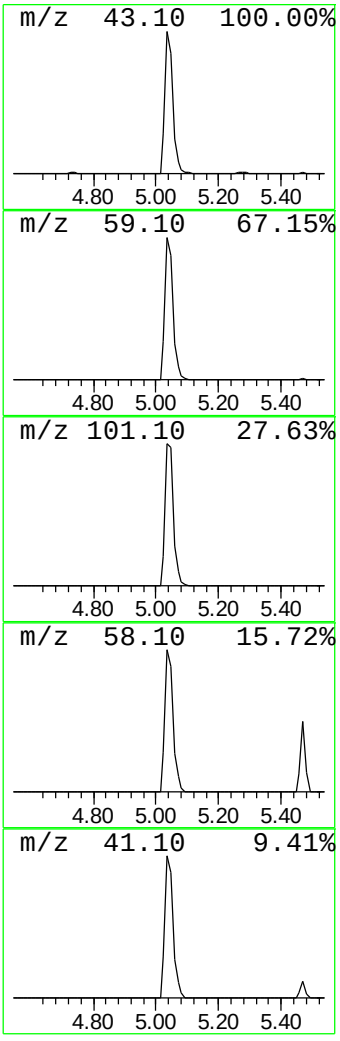
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	29.48 ng	615520	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

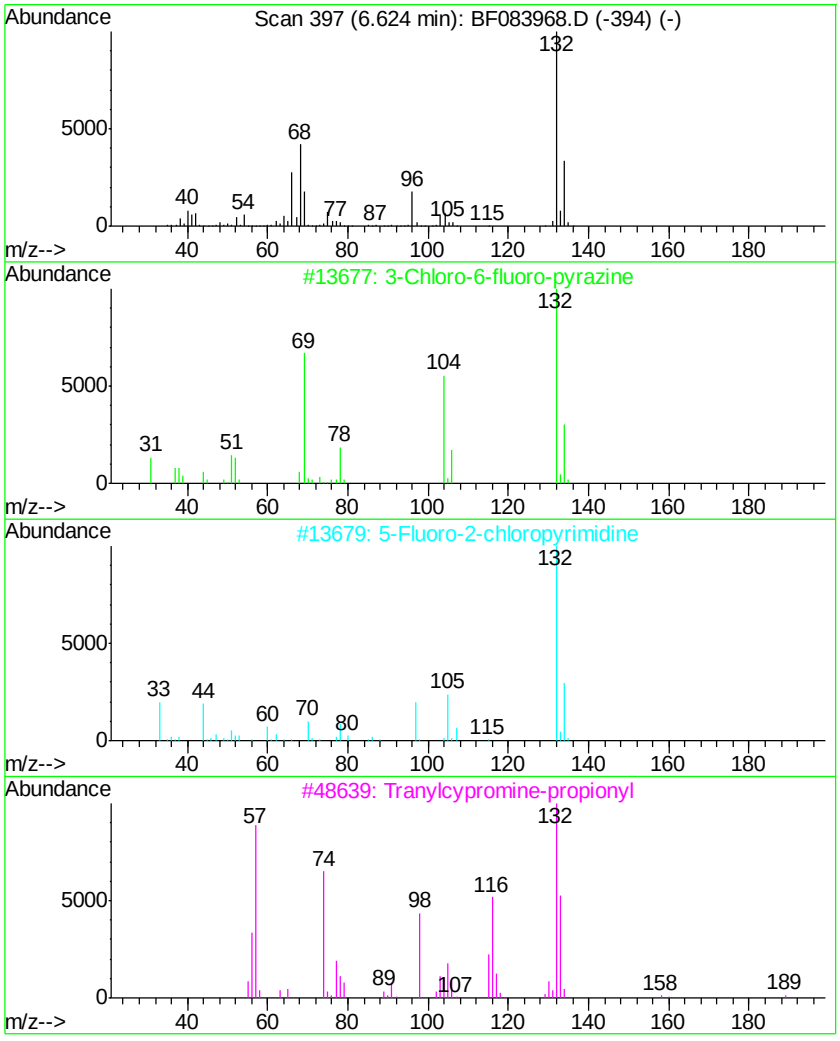
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

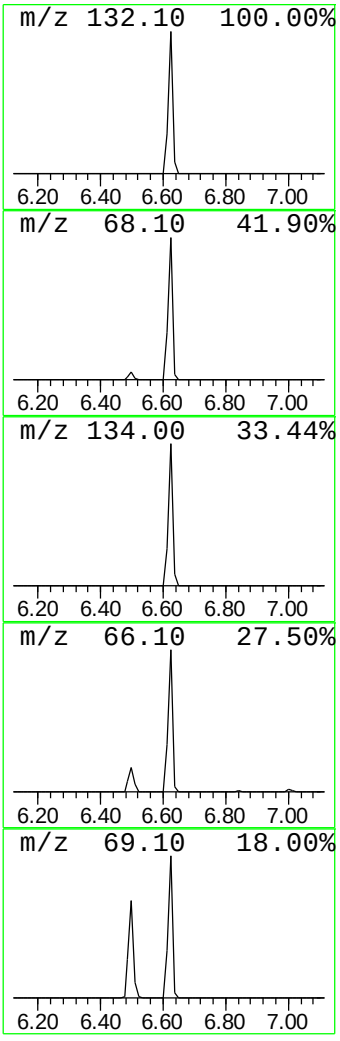
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	104.61 ng	2184000	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

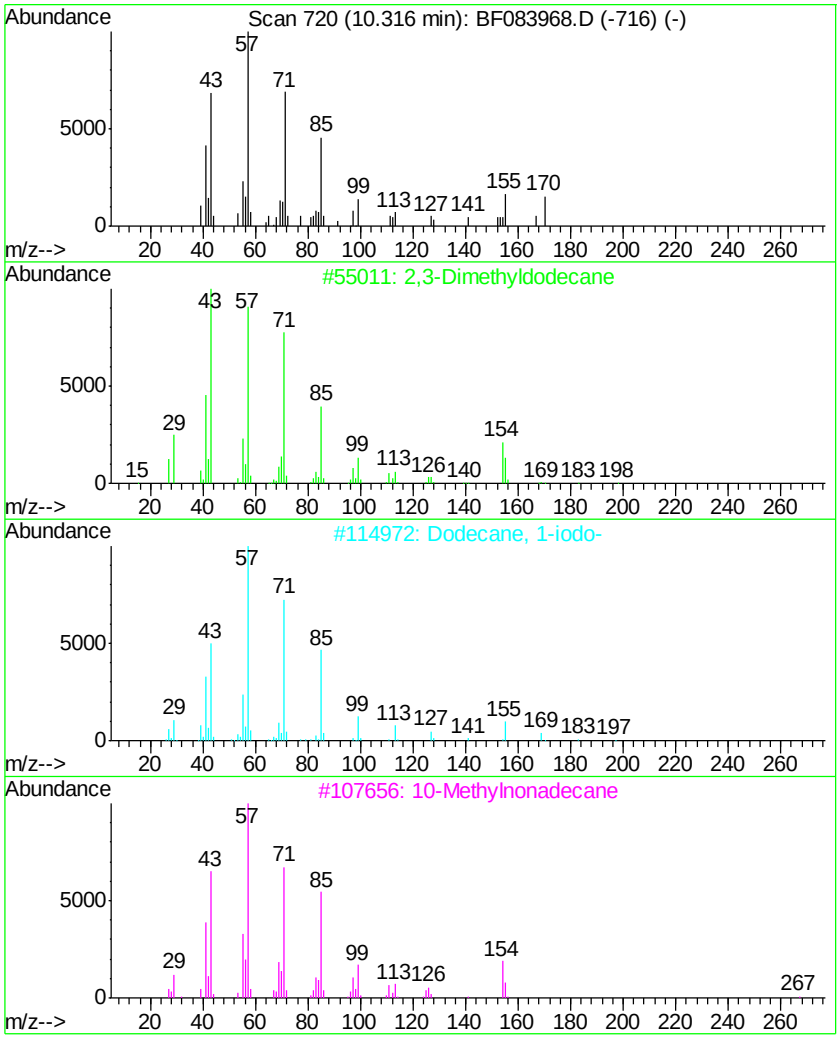
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

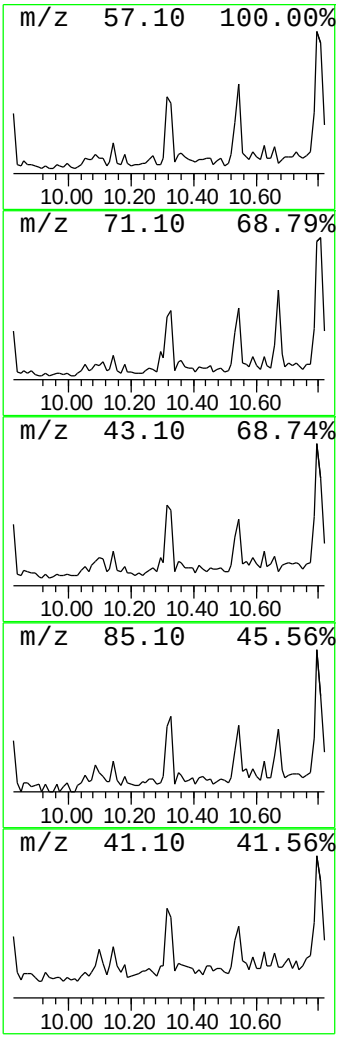
****

Peak Number 5 2,3-Dimethyldodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.54 ng	73828	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyldodecane	198	C14H30	006117-98-2	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	10-Methylnonadecane	282	C20H42	056862-62-5	68
4	Octacosane	394	C28H58	000630-02-4	68
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Operator : UM/SJ
Sample : G4869-06
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Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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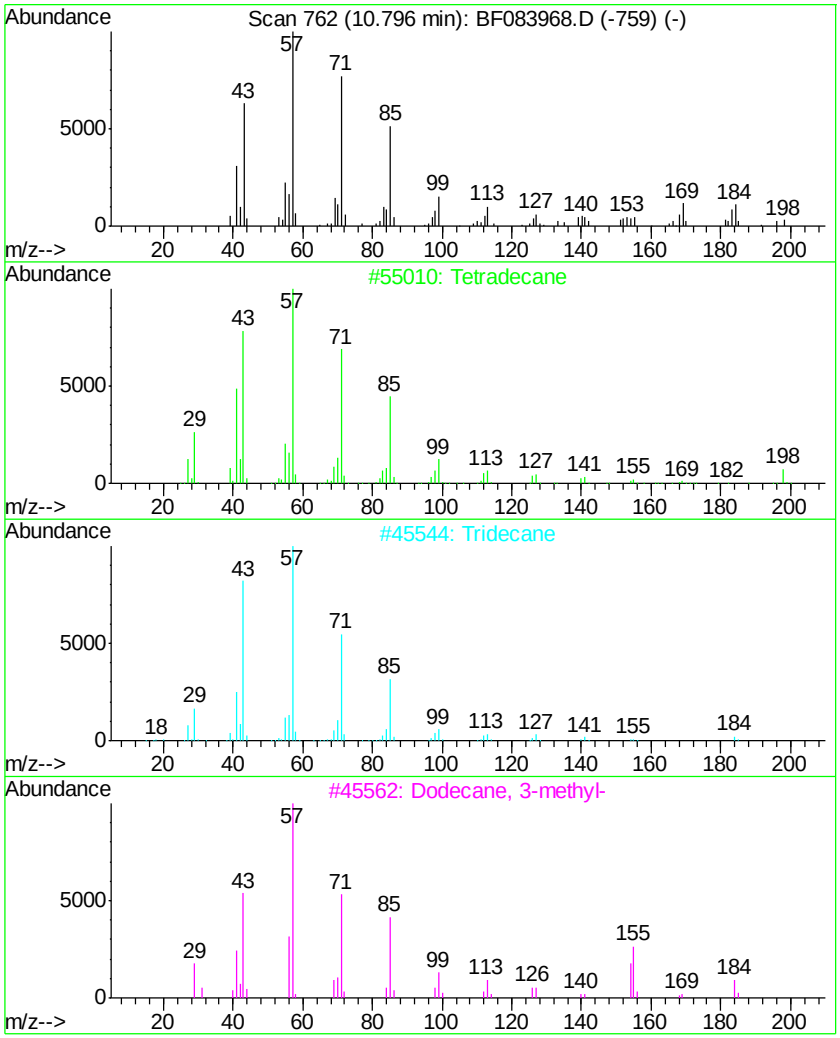
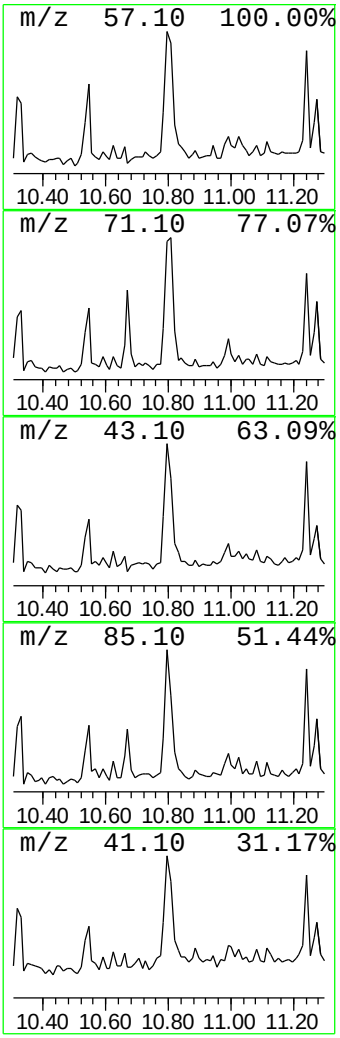
Peak Number 7 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.99 ng	141339	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	93
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Dodecane	170	C12H26	000112-40-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Acq On : 19 Dec 2015 21:35
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Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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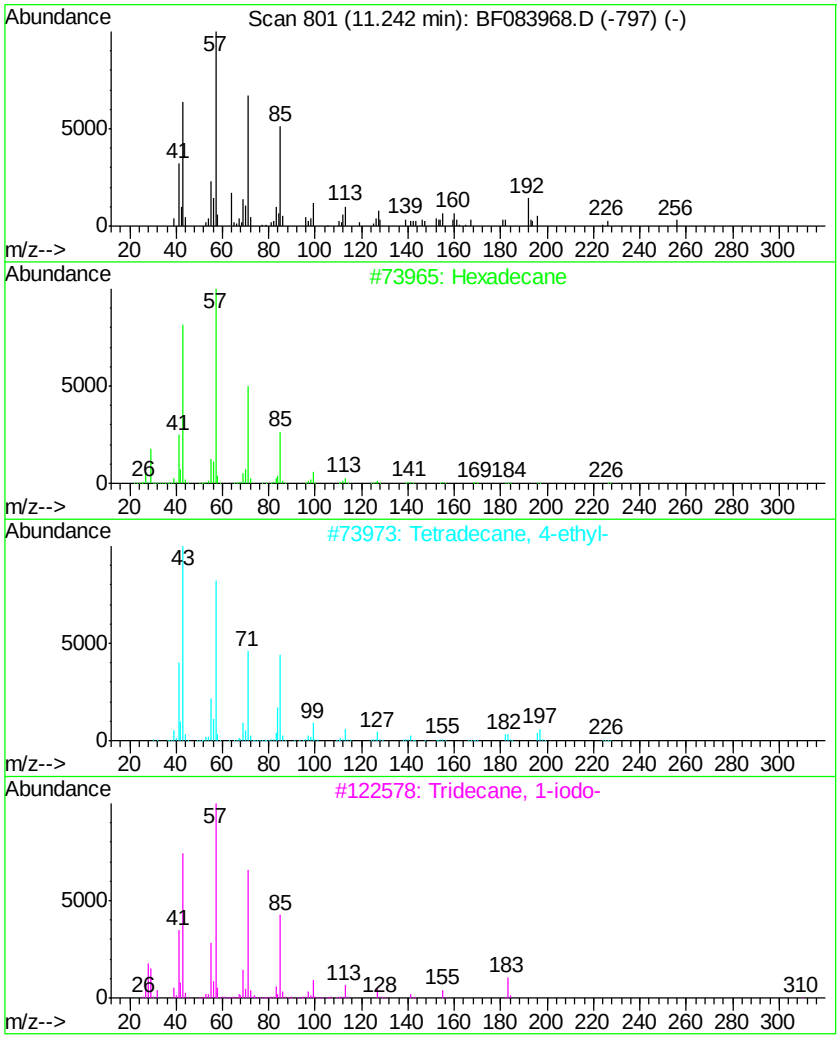
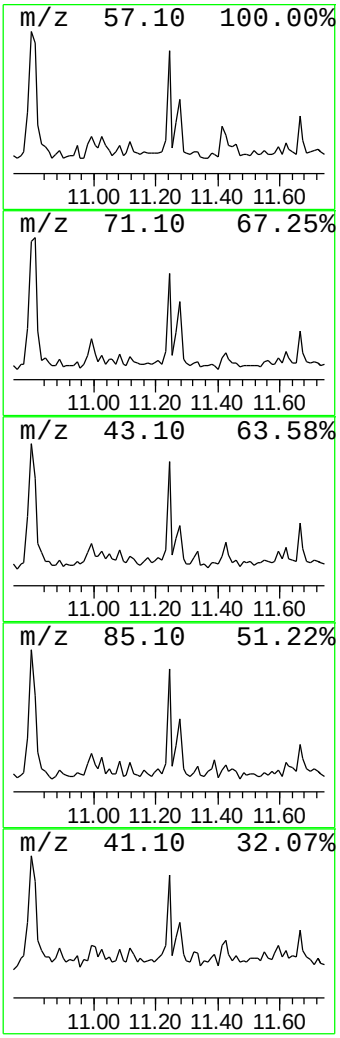
Peak Number 8 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.56 ng	90914	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
4	Eicosane	282	C20H42	000112-95-8	64
5	Tetracosane	338	C24H50	000646-31-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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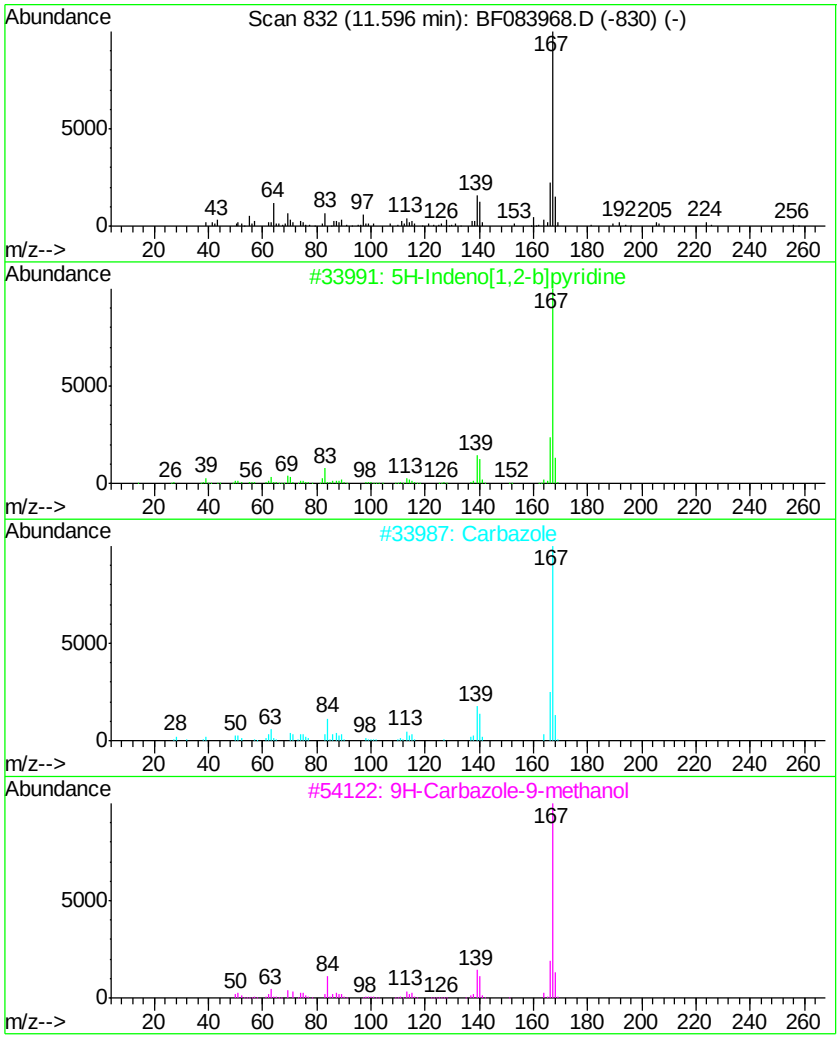
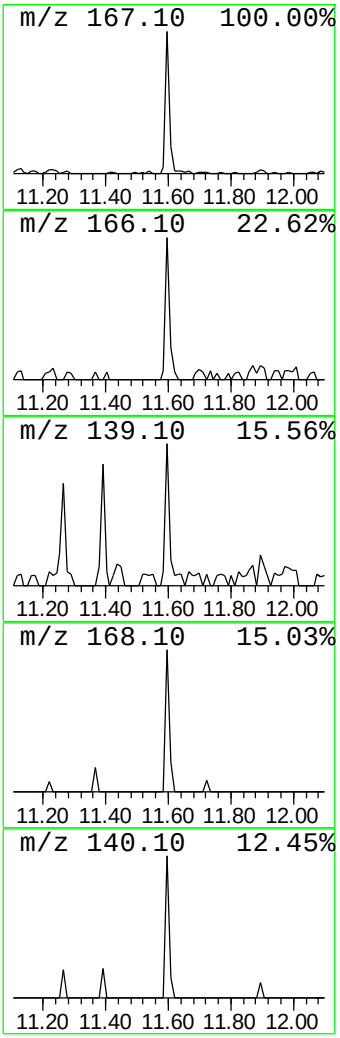
Peak Number 9 5H-Indeno[1,2-b]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.63 ng	93246	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	83
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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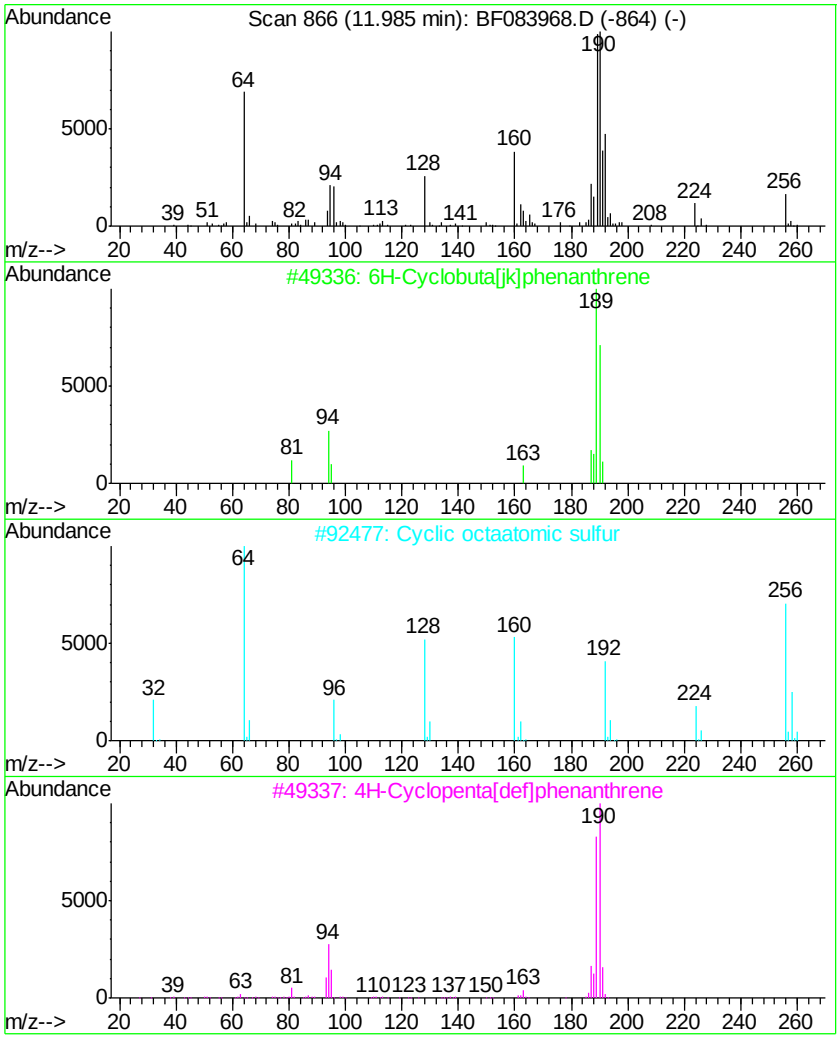
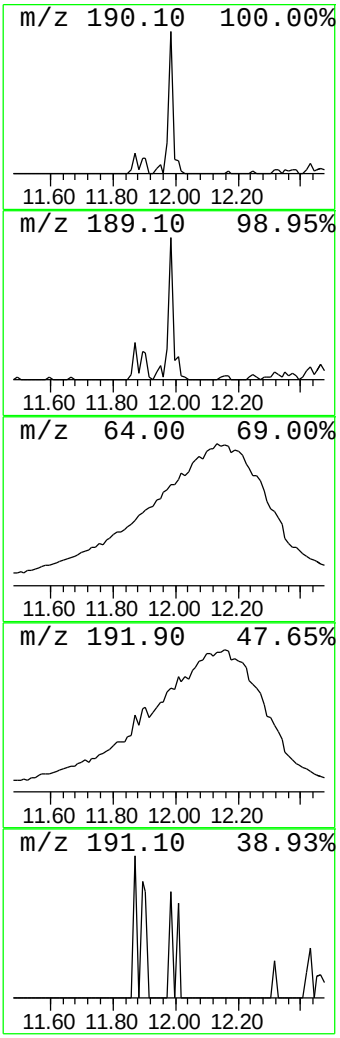
Peak Number 10 unknown11.98 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.33 ng	153660	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	35
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	30
4	Methyl diselenide	190	C2H6Se2	007101-31-7	30
5	1,2,4-Triazol-3-amine, 5-(2-meth...	190	C9H10N4O	303192-36-1	25





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Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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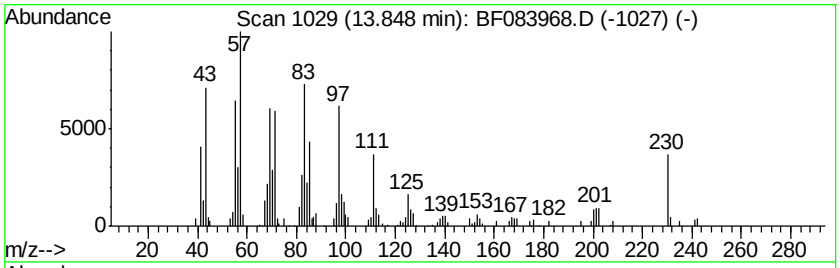
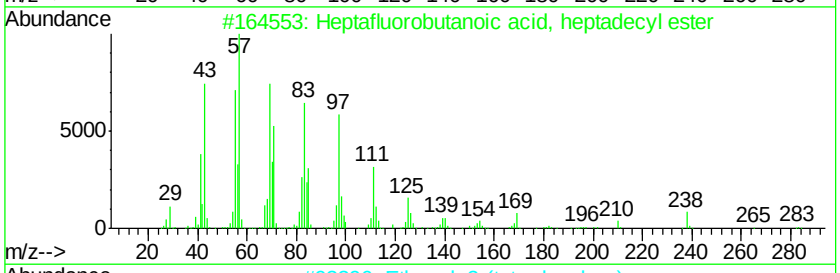
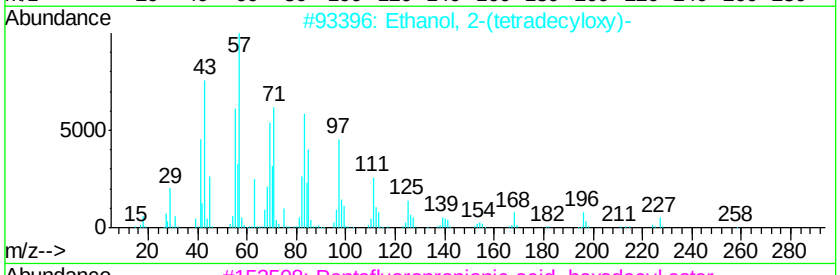
Peak Number 11 Heptafluorobutanoic acid, h... Concentration Rank 9

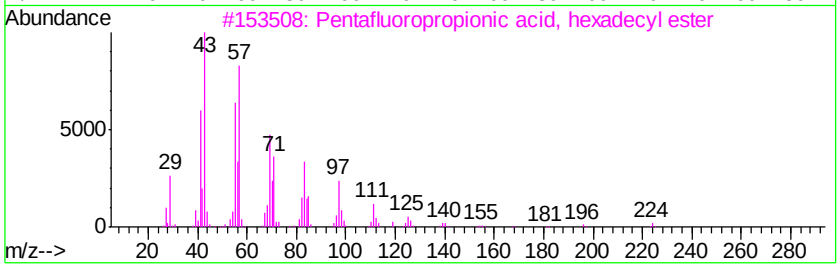
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.50 ng	187583	Chrysene-d12	14.01

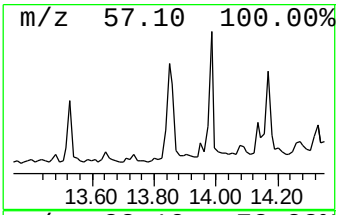
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	89
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	76
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
5	17-Pentatriacontene	491	C35H70	006971-40-0	74

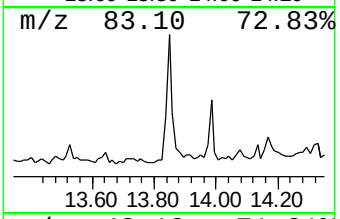


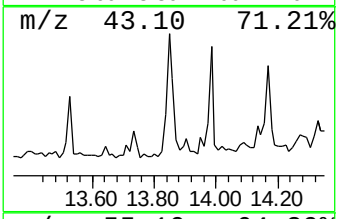


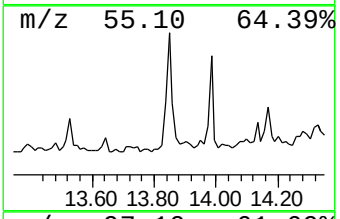


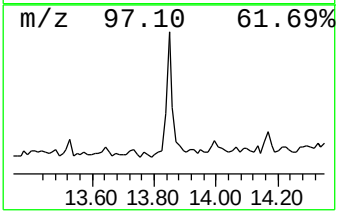












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Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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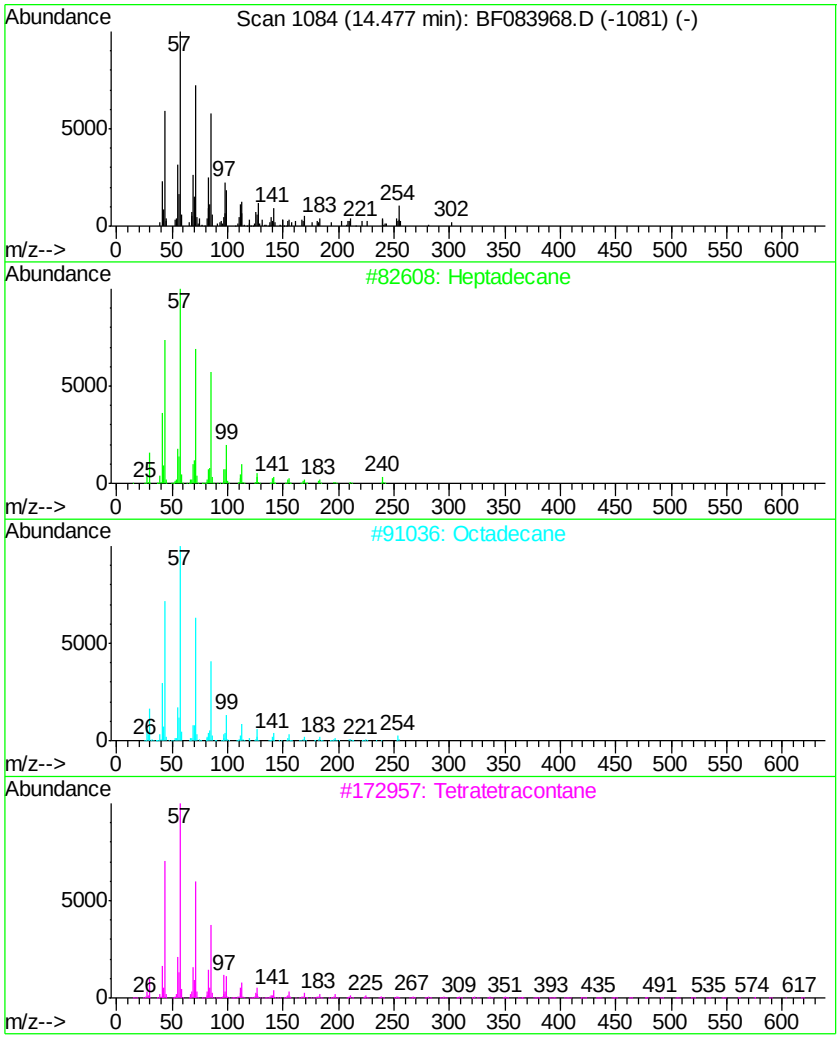
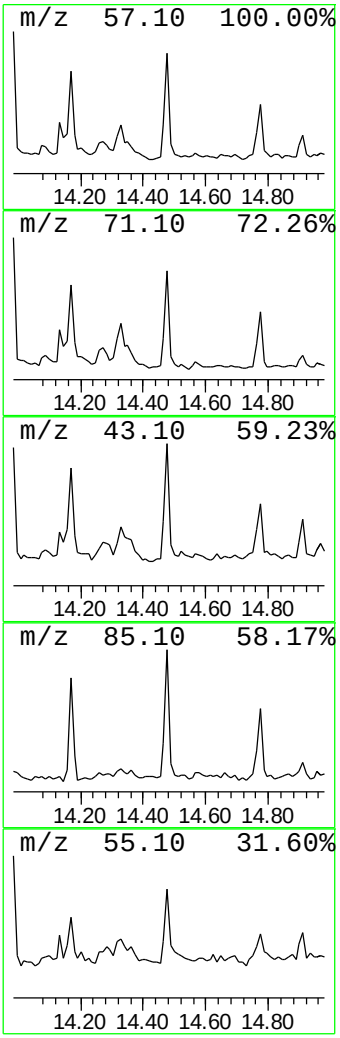
Peak Number 12 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.25 ng	120649	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	83
5	Tritetracontane	605	C43H88	007098-21-7	83





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Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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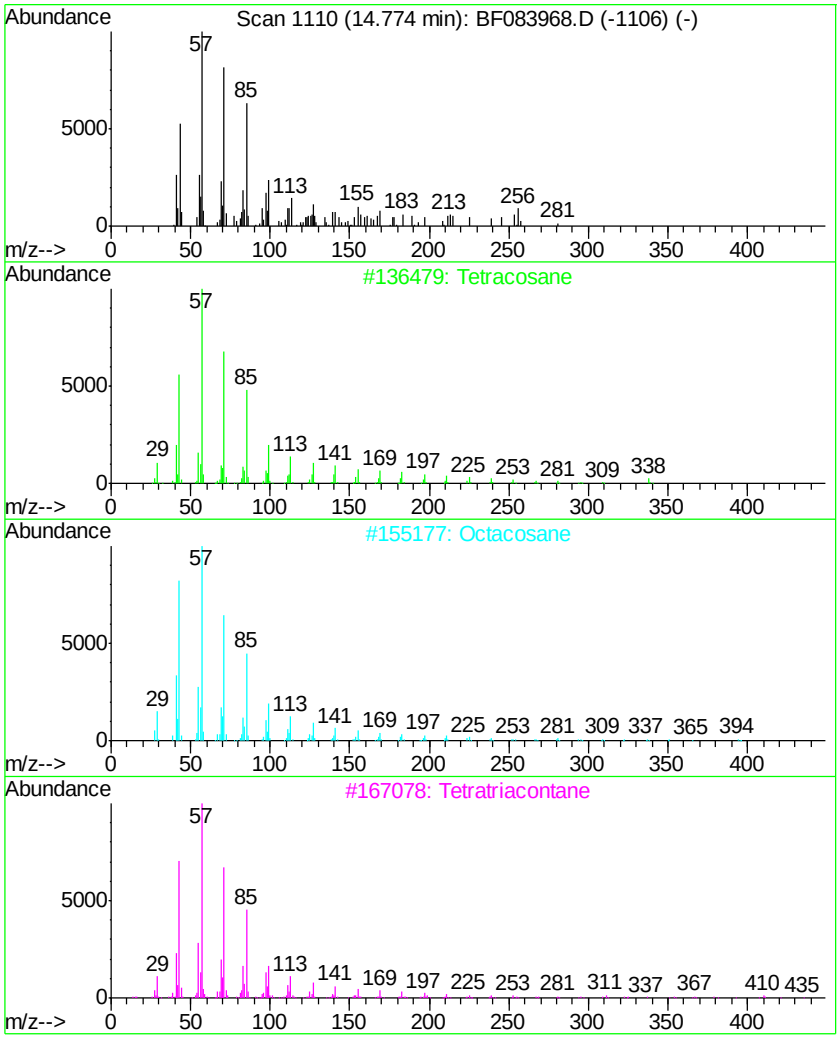
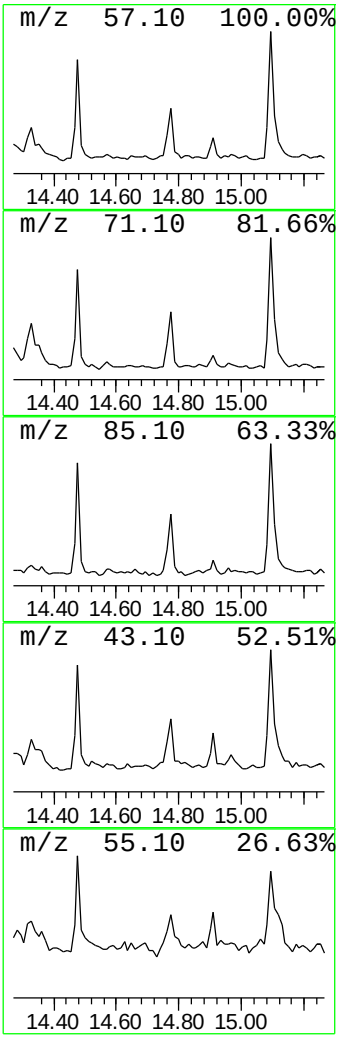
Peak Number 13 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.45 ng	93588	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Triacontane	422	C30H62	000638-68-6	83





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Acq On : 19 Dec 2015 21:35
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Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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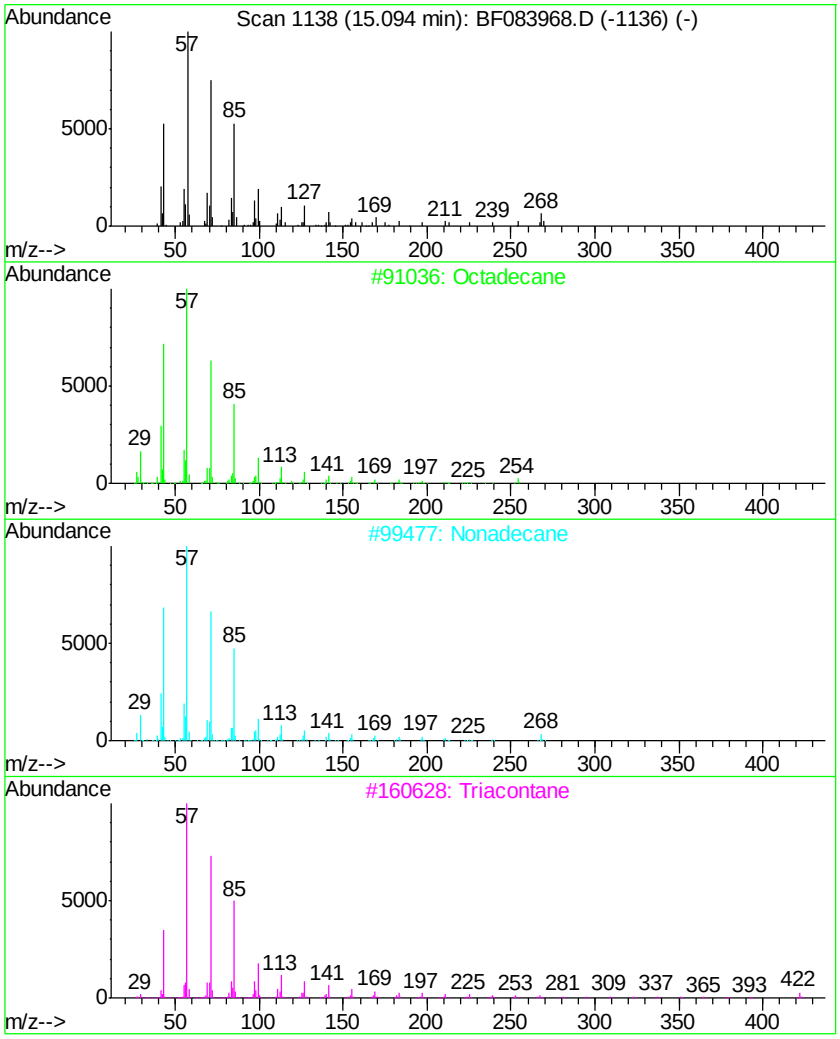
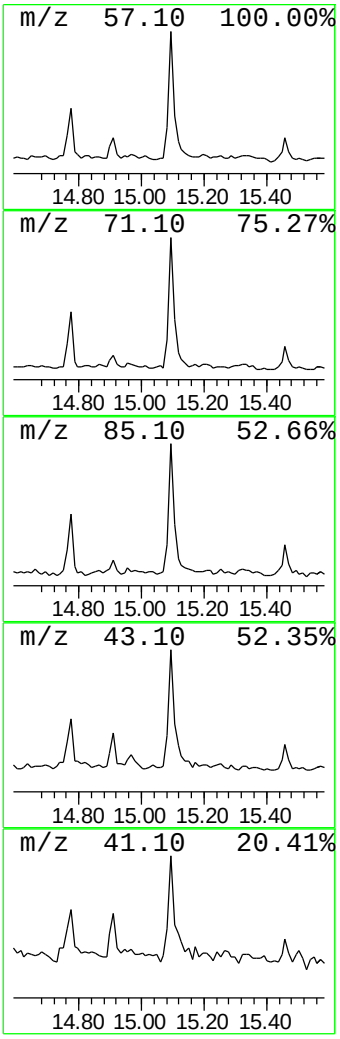
Peak Number 14 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	6.83 ng	185252	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	93
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Nonacosane	408	C29H60	000630-03-5	91





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Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

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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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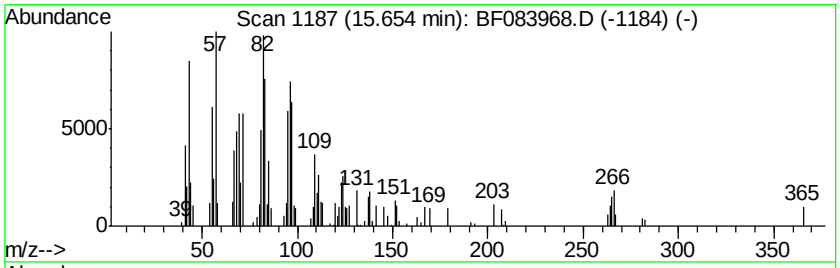
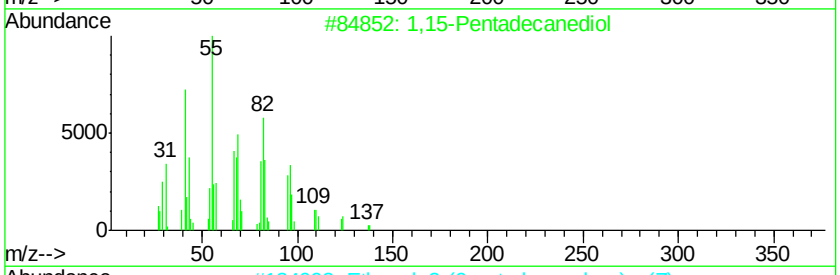
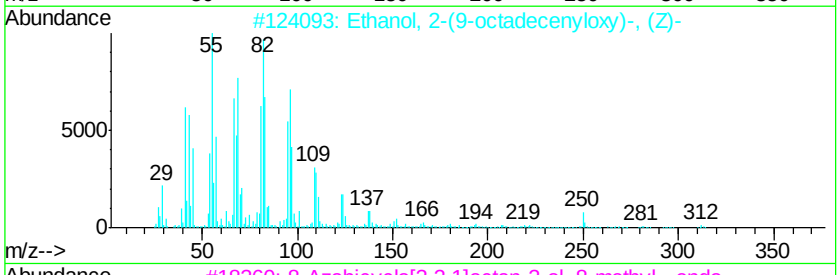
Peak Number 16 1,15-Pentadecanediol Concentration Rank 13

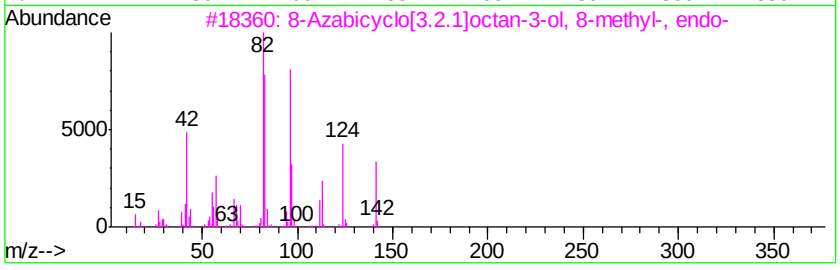
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.99 ng	81231	Perylene-d12	15.44

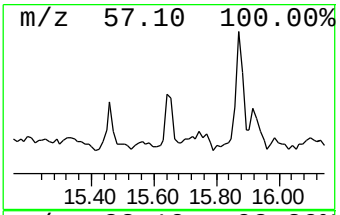
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	87
2	Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	005353-25-3	86
3	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	70
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	64
5	Octadecanal	268	C18H36O	000638-66-4	52

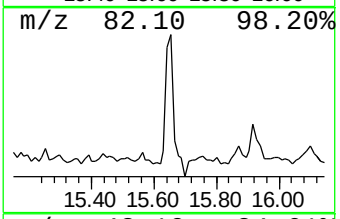


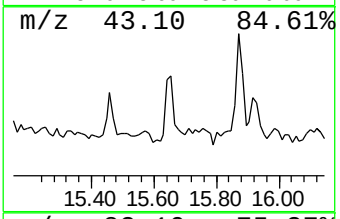


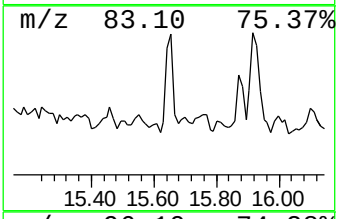


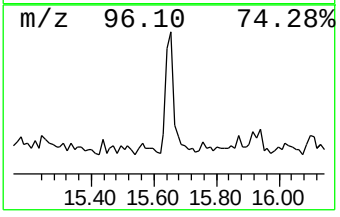












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Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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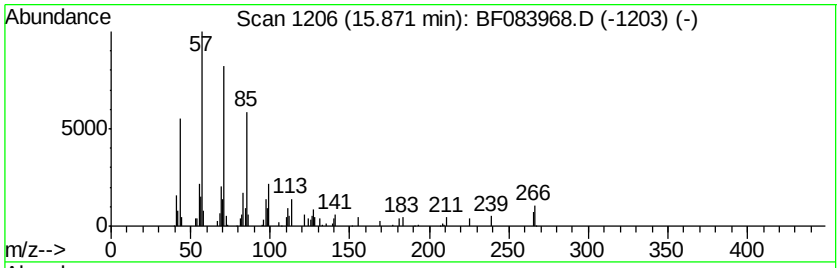
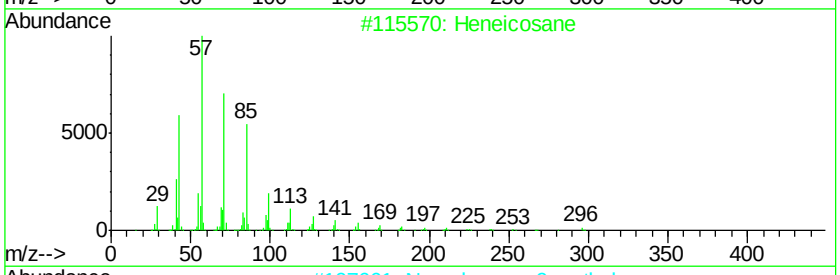
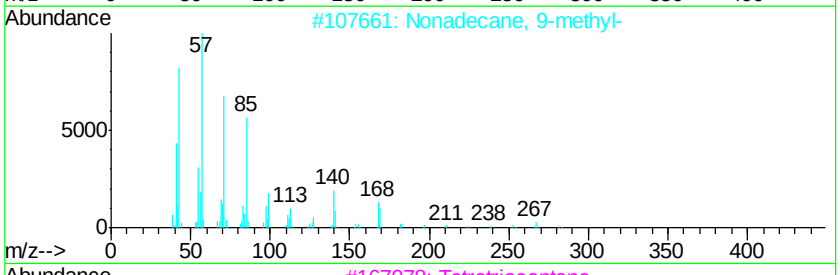
Peak Number 17 Heneicosane Concentration Rank 14

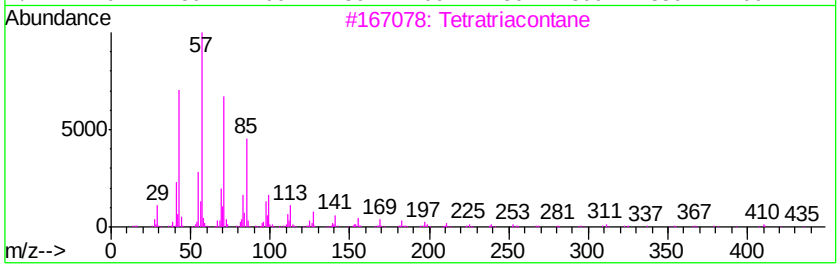
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.72 ng	73896	Perylene-d12	15.44

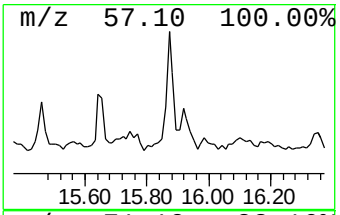
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Heptadecane	240	C17H36	000629-78-7	87

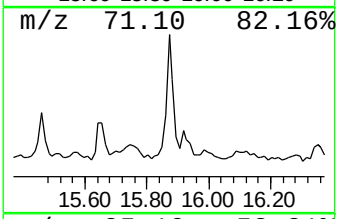


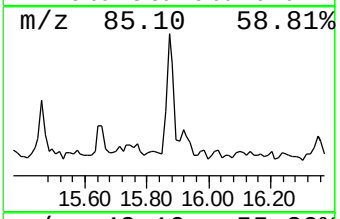


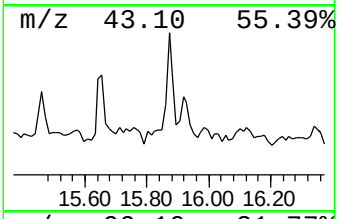


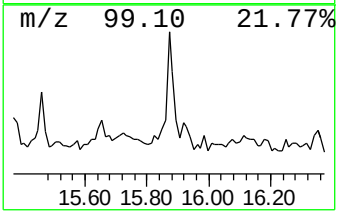












Library Search Compound Report

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Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

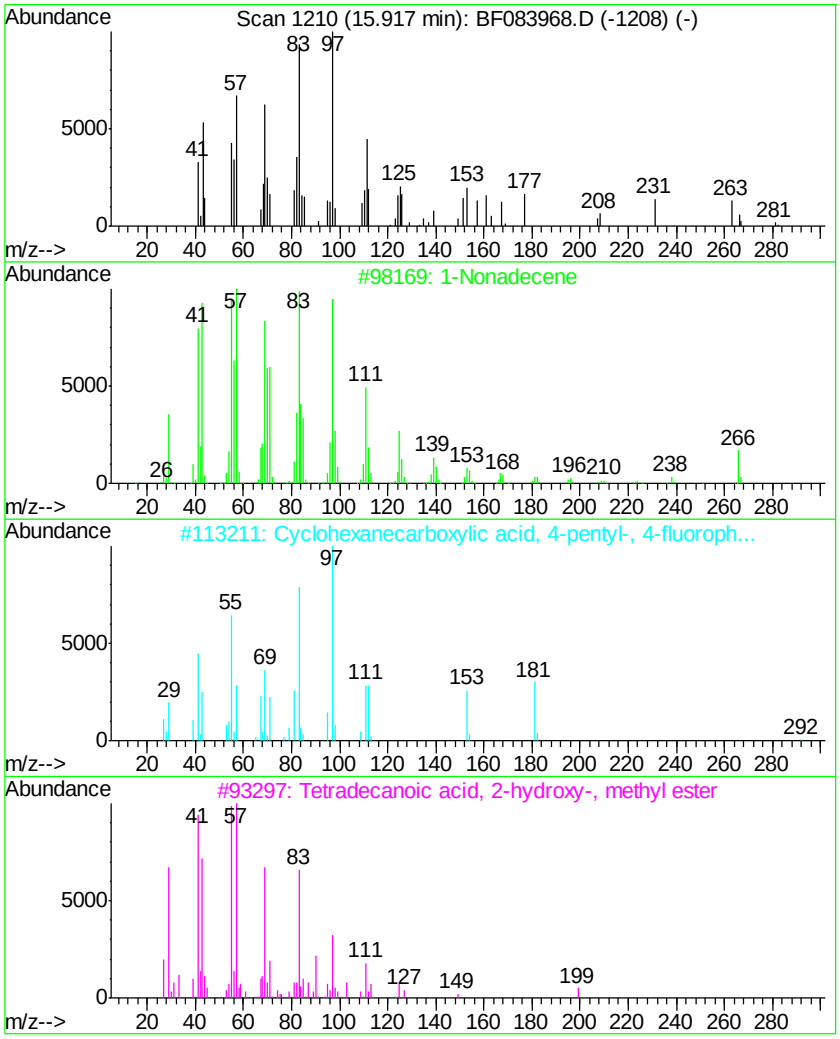
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

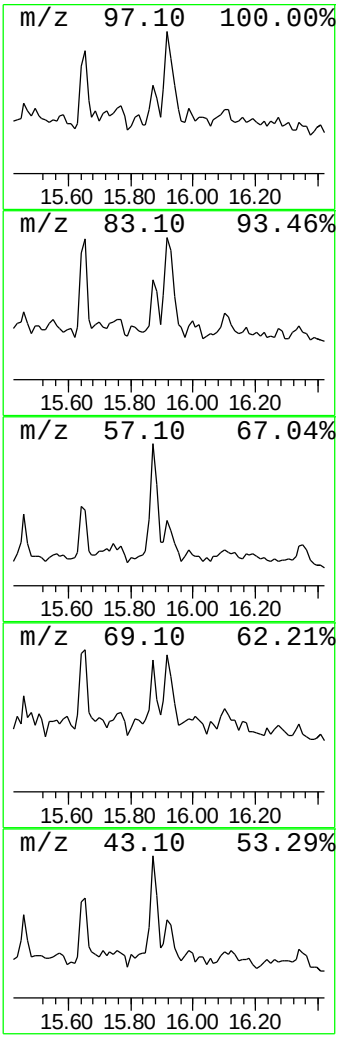
****

Peak Number 18 1-Nonadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.49 ng	67543	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	64
2	Cyclohexanecarboxylic acid, 4-pe...	292	C18H25FO2	079912-83-7	47
3	Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	43
4	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	35
5	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	30





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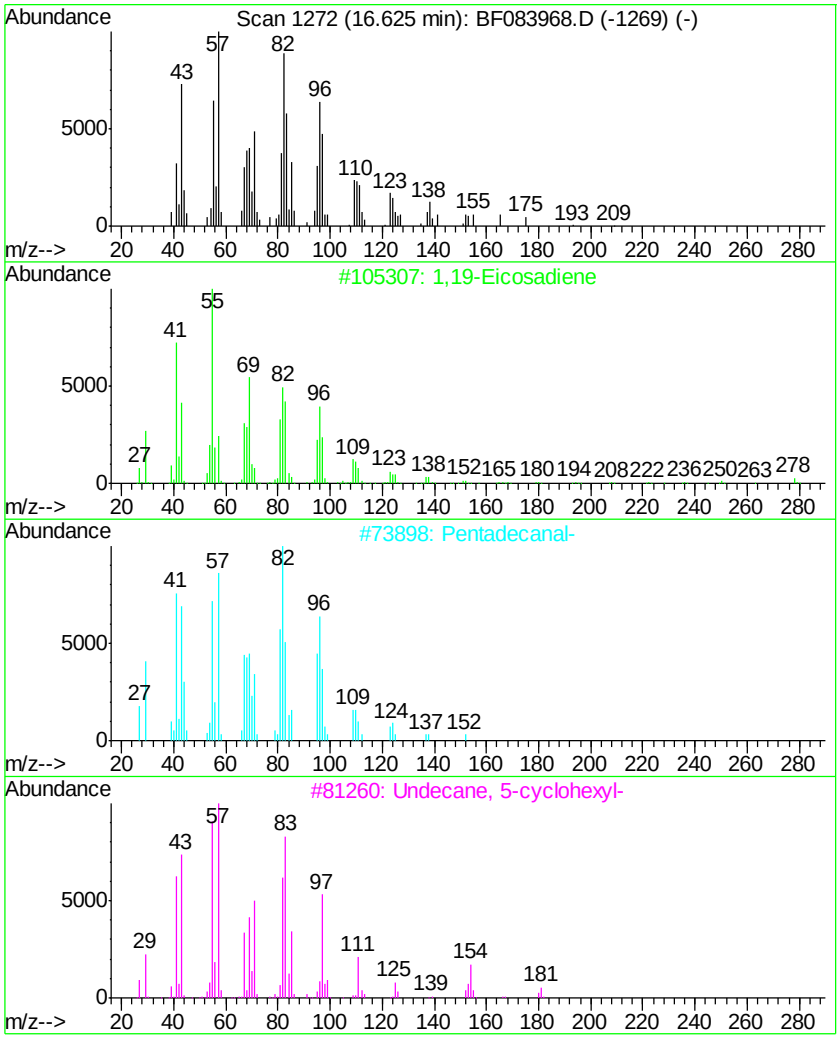
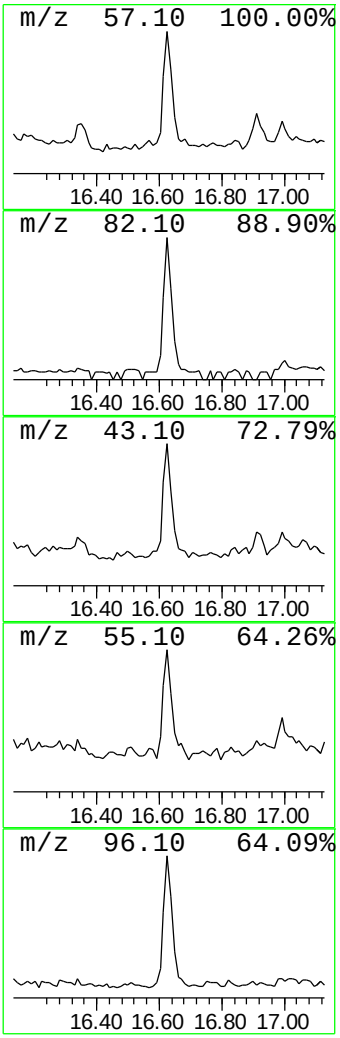
Peak Number 19 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	5.37 ng	145606	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	72
2	Pentadecanal-	226	C15H30O	002765-11-9	53
3	Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	38
4	2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	38
5	1-Dodecen-1-ol, acetate	226	C14H26O2	056438-08-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

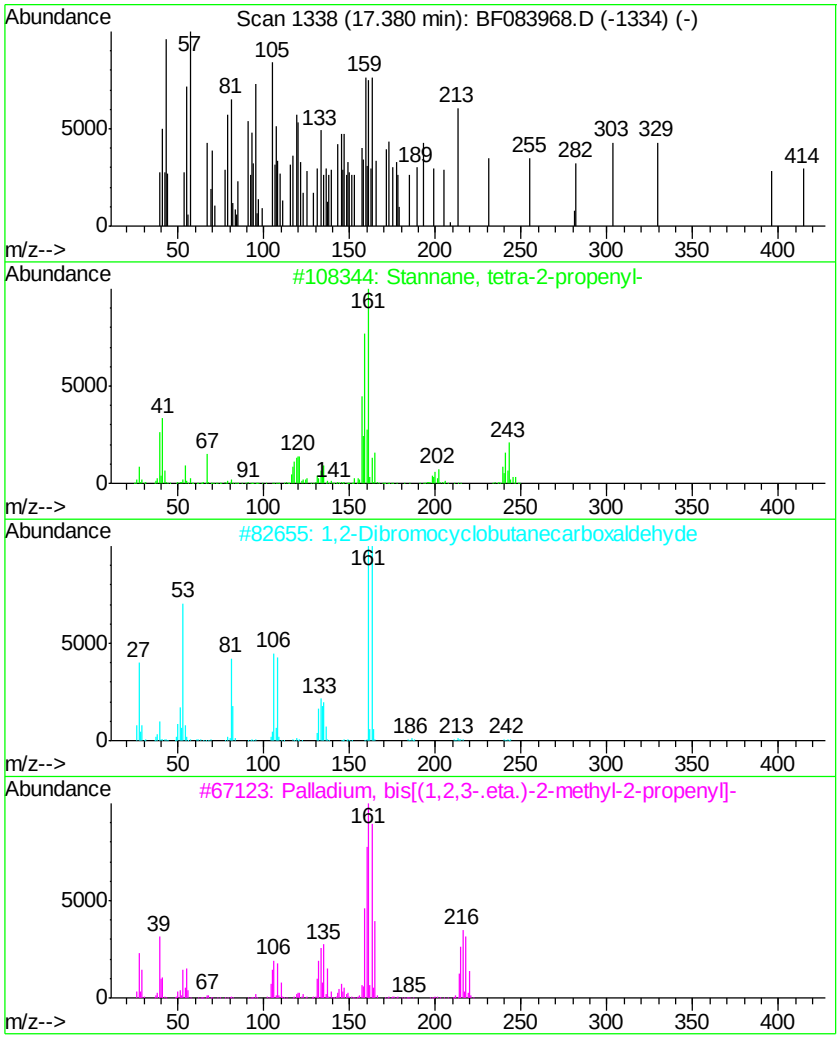
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

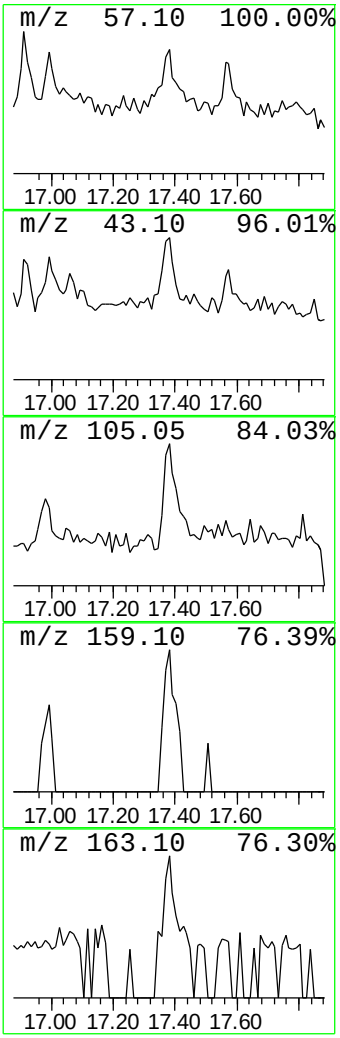
****

Peak Number 20 unknown17.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	3.86 ng	104837	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stannane, tetra-2-propenyl-	284	C12H20Sn	007393-43-3	22
2	1,2-Dibromocyclobutanecarboxalde...	240	C5H6Br2O	1000193-25-2	22
3	Palladium, bis[(1,2,3-.eta.)-2-m...	216	C8H14Pd	041348-25-8	16
4	1H-Pyrrole-1-carboxylic acid, 2-...	329	C15H24BrNO2	168106-33-0	10
5	3,5-Dichloro-2-pyridyl 3,4-dichl...	385	C12H7Cl4NO3S	058236-55-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083968.D
Acq On : 19 Dec 2015 21:35
Operator : UM/SJ
Sample : G4869-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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...	5.04	29.5	ng	615520	1	6.85	417565	20.0
unknown6.62	6.62	104.6	ng	2184000	1	6.85	417565	20.0
2,3-Dimethyldodecane	10.32	2.5	ng	73828	3	9.88	581804	20.0
Tetradecane	10.80	4.0	ng	141339	4	11.37	708969	20.0
Hexadecane	11.24	2.6	ng	90914	4	11.37	708969	20.0
5H-Indeno[1,2-b]p...	11.60	2.6	ng	93246	4	11.37	708969	20.0
unknown11.98	11.98	4.3	ng	153660	4	11.37	708969	20.0
Heptafluorobutano...	13.85	3.5	ng	187583	5	14.01	1071480	20.0
Heptadecane	14.48	2.3	ng	120649	5	14.01	1071480	20.0
Tetracosane	14.77	3.5	ng	93588	6	15.44	542750	20.0
Octadecane	15.09	6.8	ng	185252	6	15.44	542750	20.0
1,15-Pentadecanediol	15.65	3.0	ng	81231	6	15.44	542750	20.0
Heneicosane	15.87	2.7	ng	73896	6	15.44	542750	20.0
1-Nonadecene	15.92	2.5	ng	67543	6	15.44	542750	20.0
1,19-Eicosadiene	16.63	5.4	ng	145606	6	15.44	542750	20.0
unknown17.38	17.38	3.9	ng	104837	6	15.44	542750	20.0