LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

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-BF113015.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	4.636	256	258	270	rVB	756784	1249847	26.36%	2.389%
2	5.116	298	300	311	rBV	3687734	4043912	85.30%	7.730%
3	6.201	393	395	401	rBV	4221719	4507186	95.07%	8.616%
4	6.304	401	404	406	rBV	4469330	4552309	96.03%	8.702%
5	6.521	421	423	426	rBV	1004456	1088100	22.95%	2.080%
6	6.681	435	437	440	rBV	3462615	3209137	67.69%	6.134%
7	7.104	471	474	476	rBV	2985475	3113814	65.68%	5.952%
8	7.253	484	487	493	rVB	105614	156544	3.30%	0.299%
9	7.607	514	518	521	rBV	25755	54659	1.15%	0.104%
10	7.733	526	529	534	rBV3	47262	102848	2.17%	0.197%
11	7.813	534	536	541	rVB	1509823	1506996	31.79%	2.881%
12	8.202	568	570	573	rBV	57886	79575	1.68%	0.152%
13	8.293	577	578	588	rVV5	20197	92803	1.96%	0.177%
14	8.773	617	620	622	rBV	108182	127933	2.70%	0.245%
15	8.899	628	631	633	rBV	4847560	4740695	100.00%	9.062%
16	9.036	641	643	651	rVB3	43228	108079	2.28%	0.207%
17	9.230	655	660	661	rBV4	21045	53428	1.13%	0.102%
18	9.299	664	666	668	rBV	1021693	905119	19.09%	1.730%
19	9.333	668	669	673	rVB3	33221	52650	1.11%	0.101%
20	9.516	682	685	687	rBV2	187873	234596	4.95%	0.448%
21	9.562	687	689	691	rBV	1644636	1596831	33.68%	3.052%
22	9.756	703	706	709	rBV3	55757	130825	2.76%	0.250%
23	10.019	723	729	730	rBV2	161312	297365	6.27%	0.568%
24	10.099	735	736	740	rVB	85567	90934	1.92%	0.174%
25	10.236	745	748	749	rBV2	90511	189050	3.99%	0.361%
26	10.350	755	758	760	rBV	2092881	2335903	49.27%	4.465%
27	10.385	760	761	765	rVB4	30983	50592	1.07%	0.097%
28	10.488	768	770	774	rVB	212061	331883	7.00%	0.634%
29	10.590	777	779	781	rBV2	74894	95587	2.02%	0.183%
30	10.693	786	788	790	rBV2	53400	75396	1.59%	0.144%
31	10.739	790	792	795	rVB4	33995	54835	1.16%	0.105%
32	10.785	795	796	798	rBV	41299	51034	1.08%	0.098%
33	10.830	798	800	803	rVB3	60794	92316	1.95%	0.176%
34	10.945	807	810	811	rBV3	33931	63603	1.34%	0.122%

LSC Area Percent Report

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Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.979	811	813	815	rBV	157798	163720	3.45%	0.313%
36	11.093	820	823	824	rBV	1494121	1535099	32.38%	2.934%
37	11.116	824	825	827	rVB	605967	574362	12.12%	1.098%
38	11.173	827	830	834	rBV	97669	157760	3.33%	0.302%
39	11.402	846	850	852	rBV2	113703	163228	3.44%	0.312%
40	11.493	855	858	860	rVB2	87877	110425	2.33%	0.211%
41	11.699	873	876	877	rBV2	102117	136602	2.88%	0.261%
42	11.733	877	879	881	rVB	111100	131491	2.77%	0.251%
43	11.791	881	884	886	rBV	435004	574319	12.11%	1.098%
44	11.825	886	887	889	rVB	106234	143084	3.02%	0.274%
45	12.008	901	903	907	rVB2	40065	57639	1.22%	0.110%
46	12.076	907	909	911	rBV2	52003	89926	1.90%	0.172%
47	12.213	918	921	923	rBV2	54191	81586	1.72%	0.156%
48	12.419	936	939	941	rBV3	66130	126540	2.67%	0.242%
49	12.476	941	944	946	rVB3	57532	130596	2.75%	0.250%
50	12.545	946	950	952	rVB3	60091	113742	2.40%	0.217%
51	12.614	954	956	959	rBV	491127	719211	15.17%	1.375%
52	12.694	961	963	966	rBV3	61207	148085	3.12%	0.283%
53	12.751	966	968	972	rVB3	66019	118192	2.49%	0.226%
54	12.865	976	978	980	rBV	316426	418074	8.82%	0.799%
55	12.922	980	983	986	rVB	510428	829290	17.49%	1.585%
56	13.082	995	997	999	rBV2	29740	67851	1.43%	0.130%
57	13.185	1002	1006	1008	rVV	2317370	3482710	73.46%	6.657%
58	13.254	1008	1012	1018	rVV5	59922	148792	3.14%	0.284%
59	13.414	1024	1026	1031	rVB2	100650	161878	3.41%	0.309%
60	13.505	1032	1034	1036	rVB2	60081	94433	1.99%	0.181%
61	13.562	1036	1039	1042	rBV2	87674	193251	4.08%	0.369%
62	13.734	1052	1054	1056	rBV	39037	72754	1.53%	0.139%
63	13.905	1067	1069	1073	rBV	97525	171691	3.62%	0.328%
64	13.985	1073	1076	1080	rVV	162372	242445	5.11%	0.463%
65	14.077	1082	1084	1085	rVV	53044	69395	1.46%	0.133%
66	14.122	1085	1088	1090	rVV2	79918	165352	3.49%	0.316%
67	14.179	1090	1093	1097	rVB2	147792	237695	5.01%	0.454%
68	14.317	1103	1105	1107	rBV2	58874	96258	2.03%	0.184%
69	14.477	1116	1119	1123	rVB2	134178	275600	5.81%	0.527%
70	14.614	1129	1131	1133	rBV2	227839	385683	8.14%	0.737%
71	14.659	1133	1135	1136	rVB	102212	111485	2.35%	0.213%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.705	1136	1139	1141	rBV2	823028	1274524	26.88%	2.436%
73	15.139	1175	1177	1181	rVB	115181	193103	4.07%	0.369%
74	15.608	1216	1218	1219	rBV	54577	70774	1.49%	0.135%
75	15.802	1231	1235	1237	rBV2	93706	252640	5.33%	0.483%
76	15.848	1237	1239	1241	rVB	74202	113913	2.40%	0.218%
77	16.191	1267	1269	1271	rVB	83620	114470	2.41%	0.219%
78	16.260	1272	1275	1277	rBV	239937	453360	9.56%	0.867%
79	16.625	1305	1307	1310	rVB	156632	206233	4.35%	0.394%
80	16.694	1311	1313	1317	rVB	156789	248942	5.25%	0.476%
81	16.774	1317	1320	1323	rBV	667195	964373	20.34%	1.843%
82	18.145	1438	1440	1446	rVB2	87864	190996	4.03%	0.365%
83	18.523	1470	1473	1482	rVB2	104184	294856	6.22%	0.564%

Sum of corrected areas: 52314812

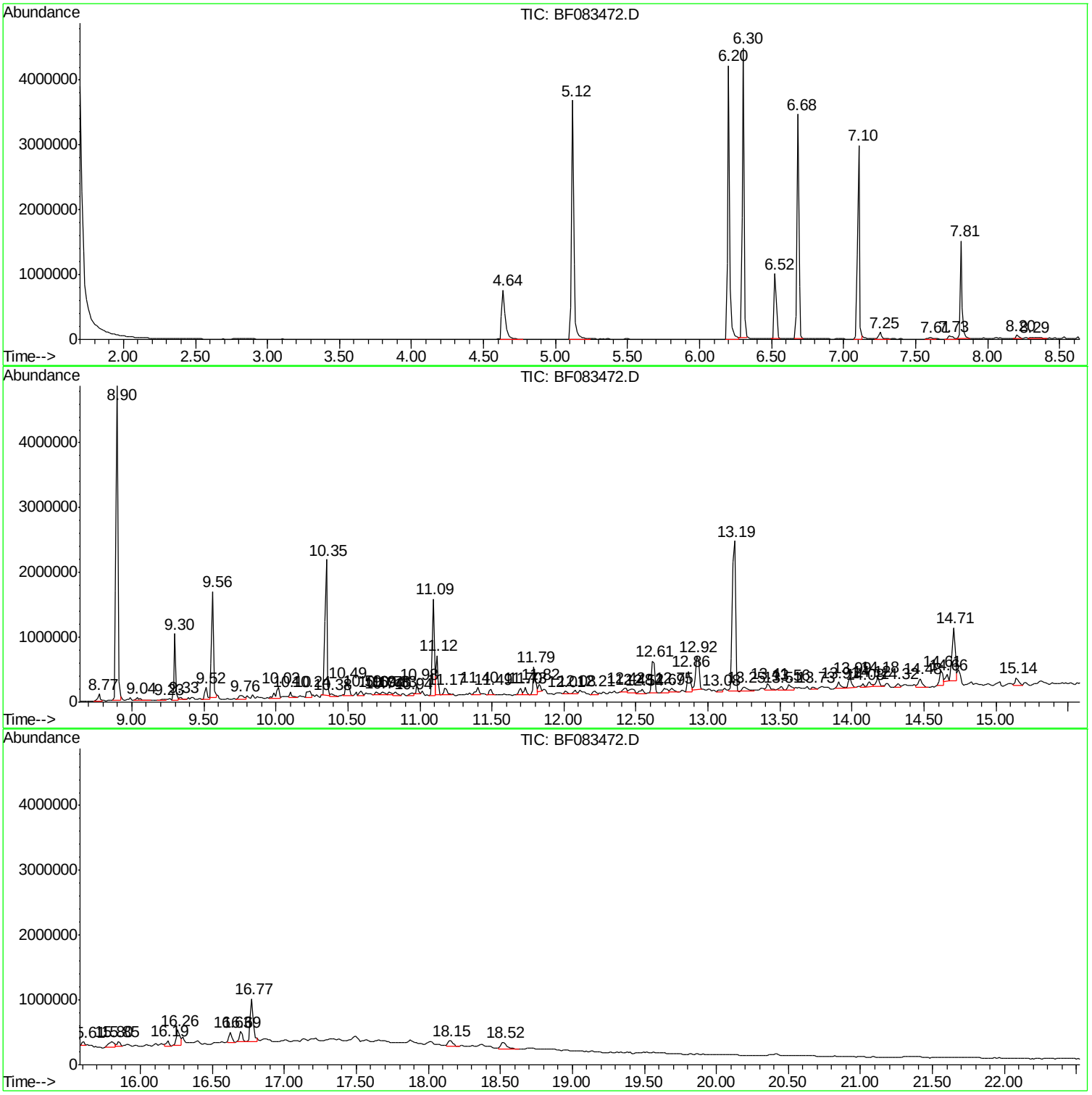
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

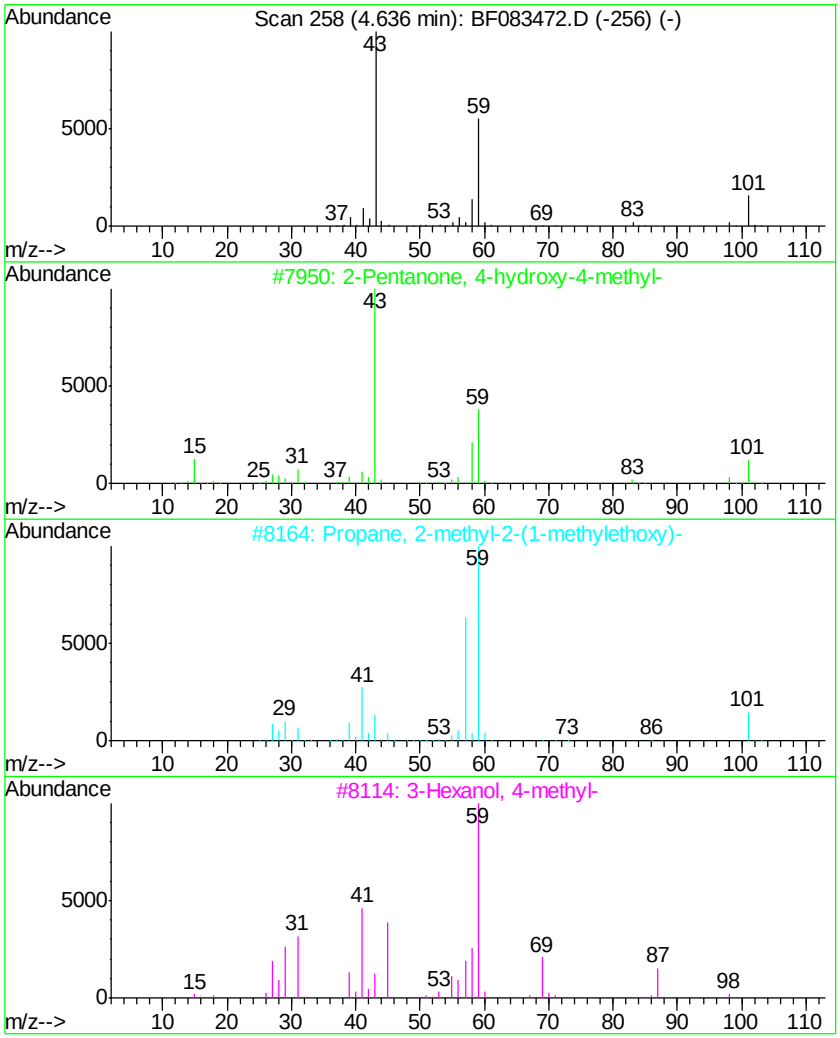
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

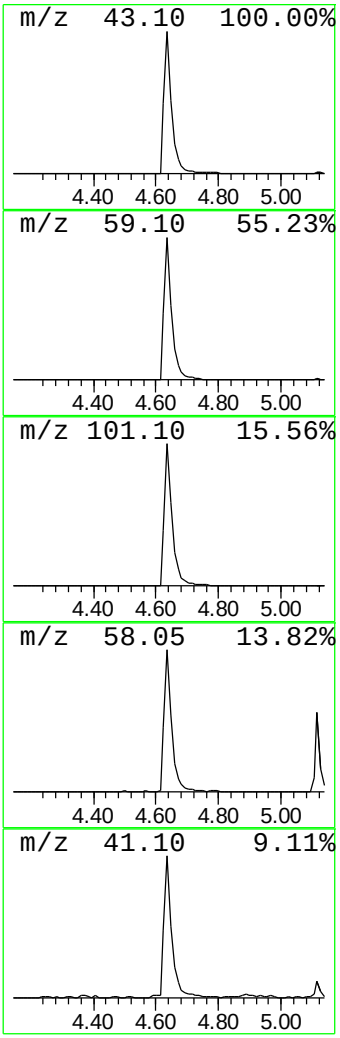
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	22.97 ng	1249850	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol	102	C6H14O	000623-37-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

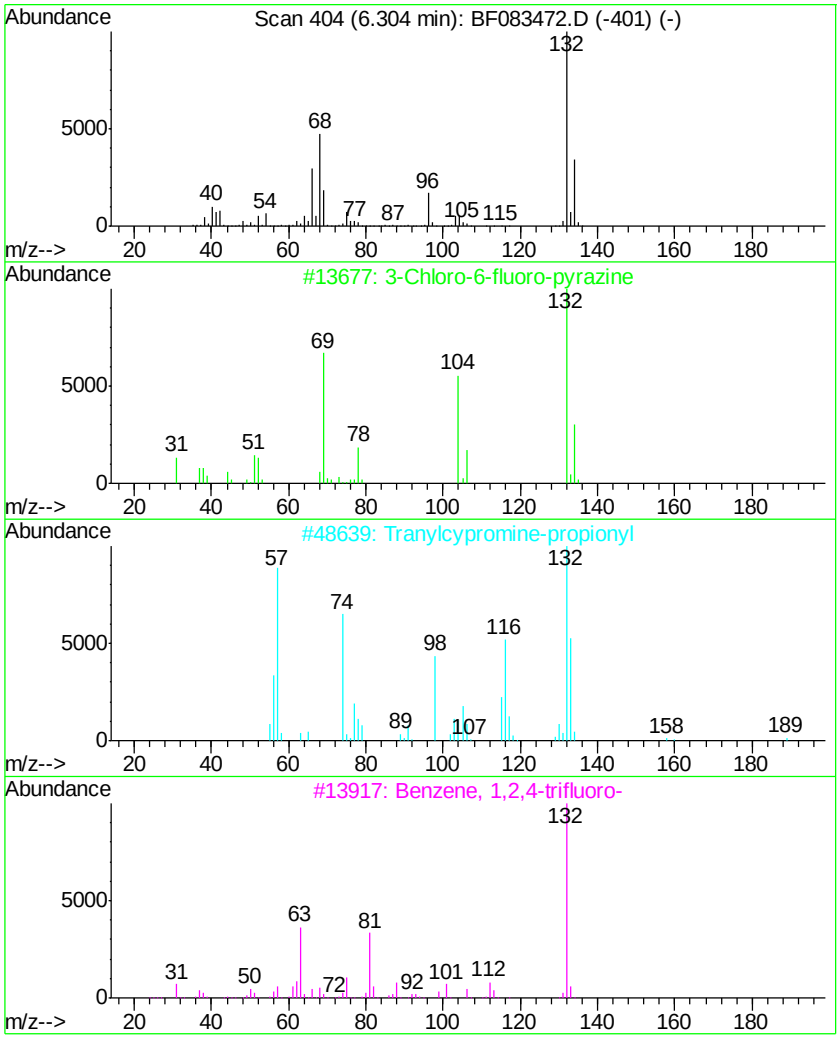
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

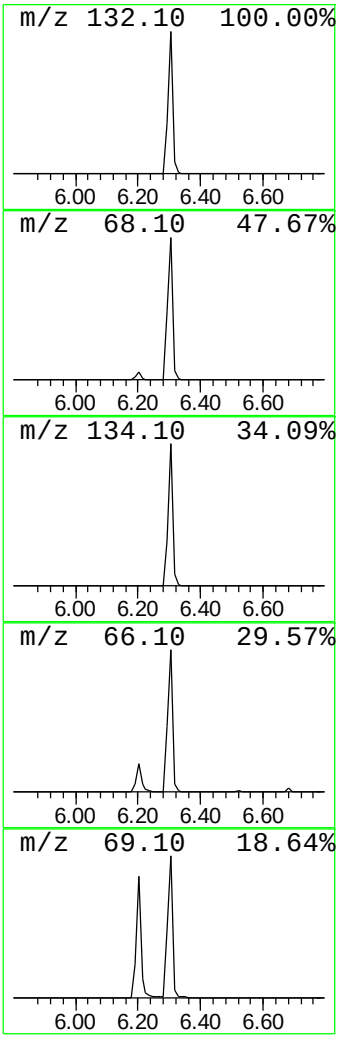
****

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	83.67 ng	4552310	1,4-Dichlorobenzene-d4	6.52

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	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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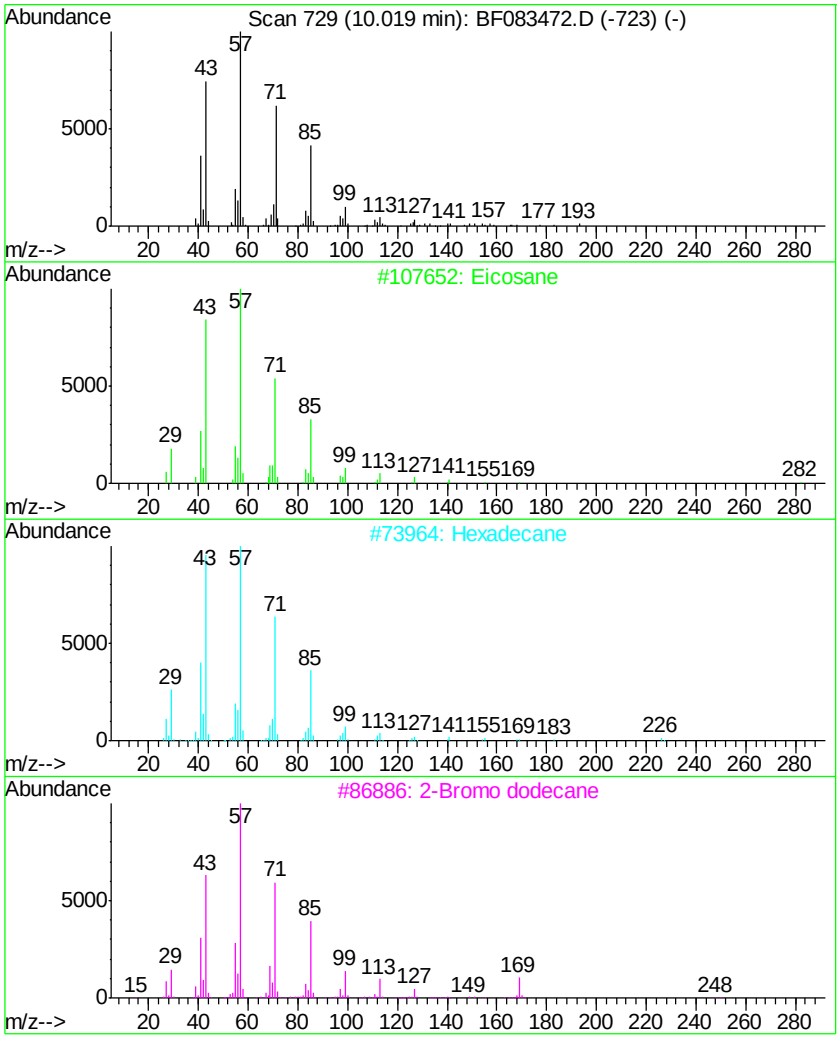
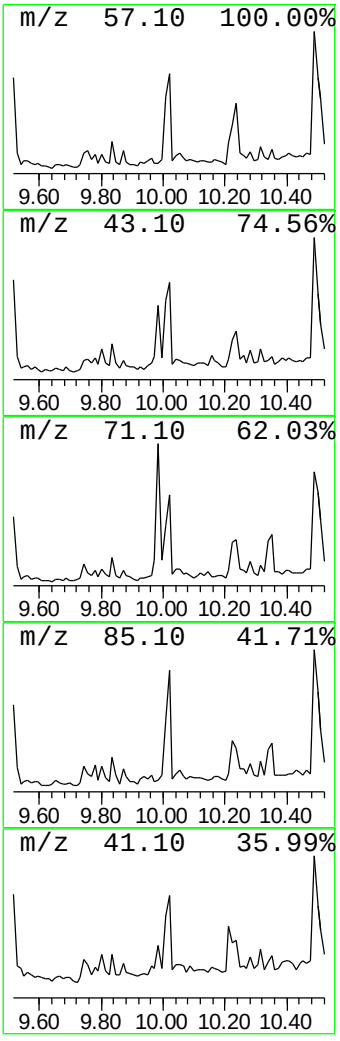
Peak Number 4 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.72 ng	297365	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
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Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
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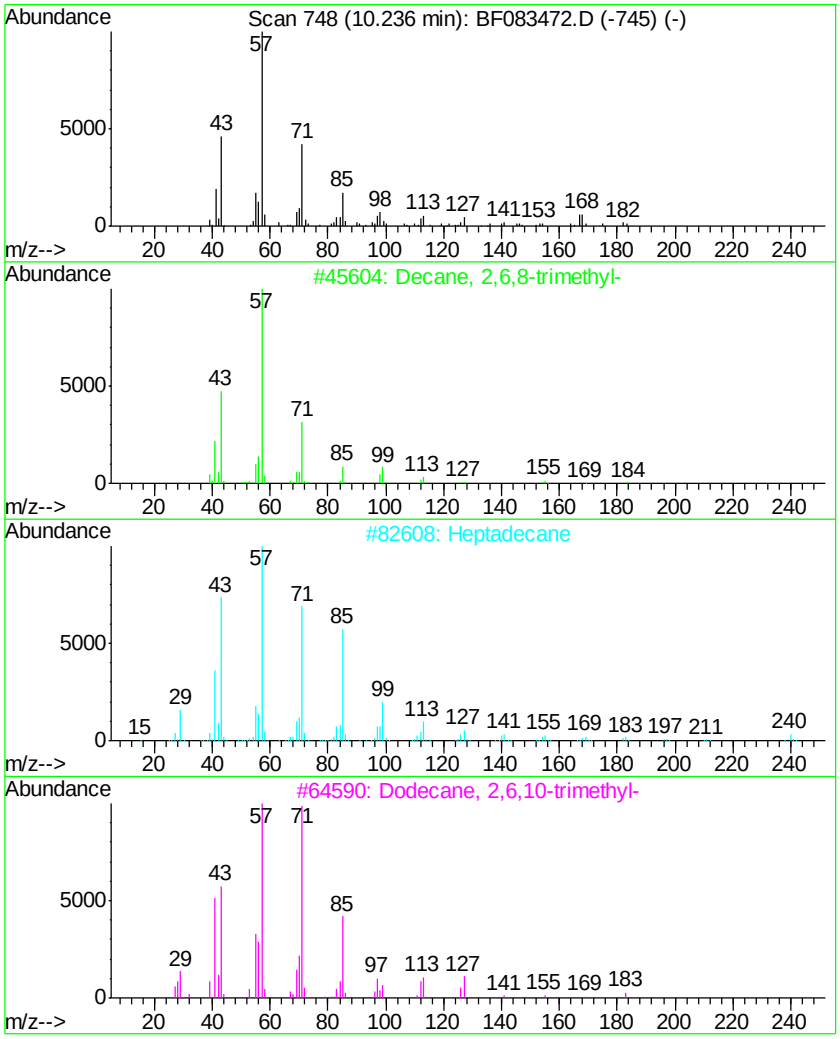
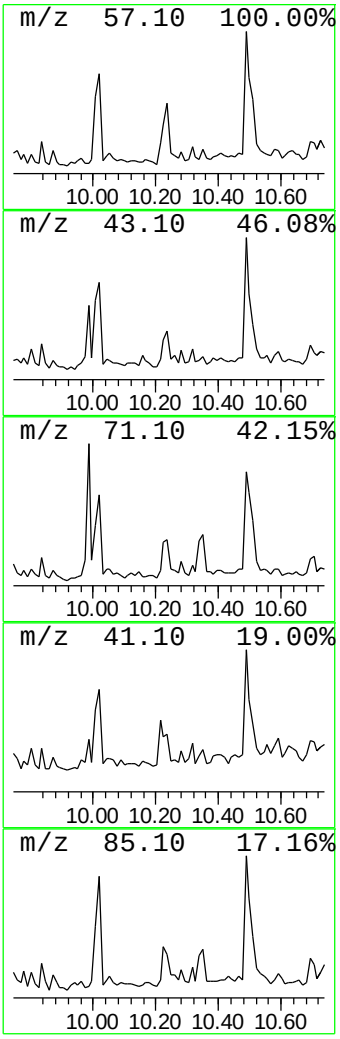
Peak Number 5 Decane, 2,6,8-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.37 ng	189050	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
2	Heptadecane	240	C17H36	000629-78-7	58
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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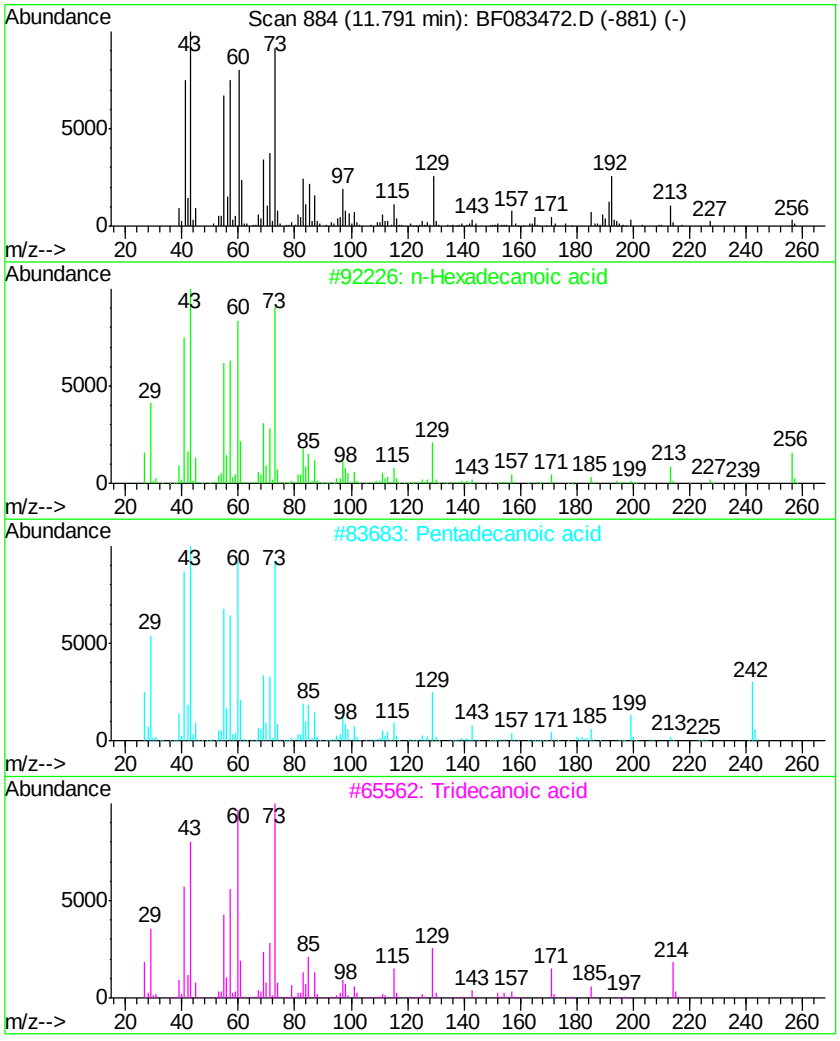
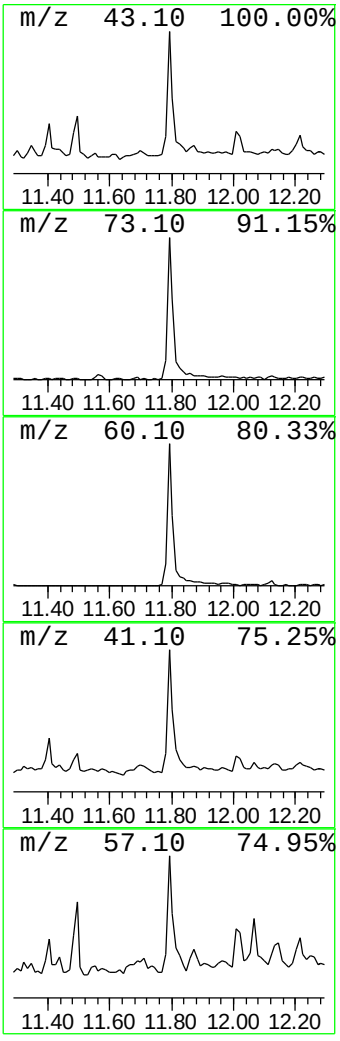
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.48 ng	574319	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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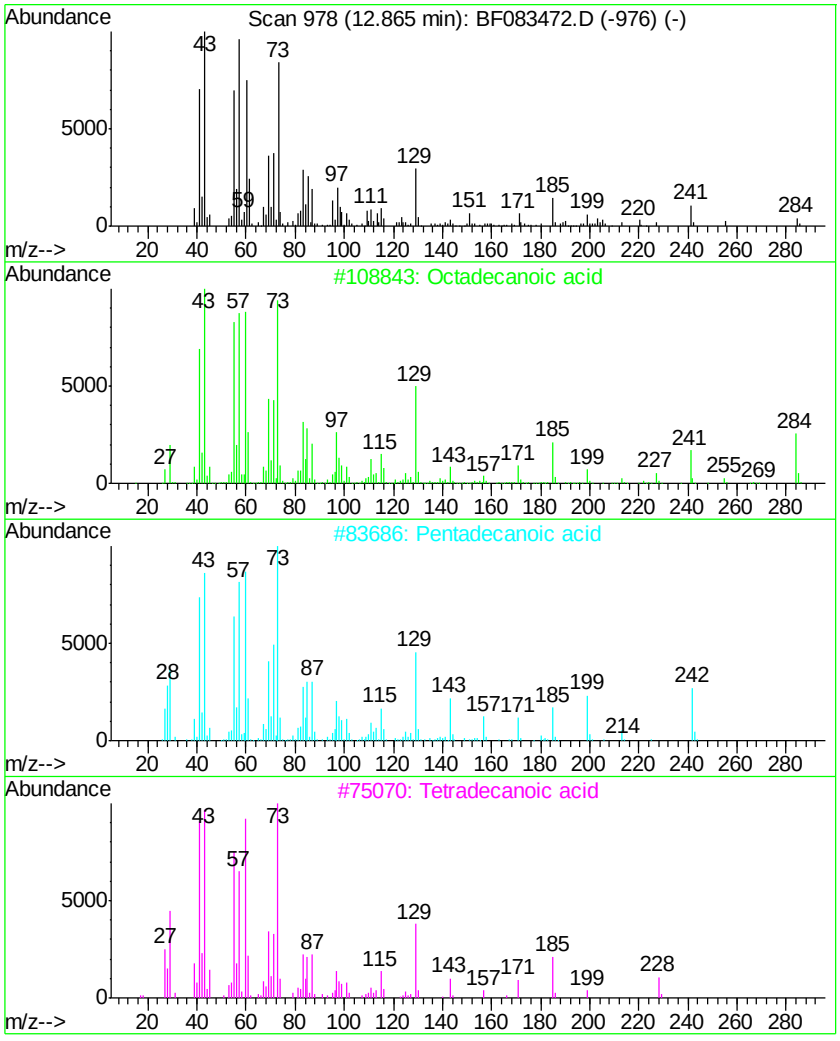
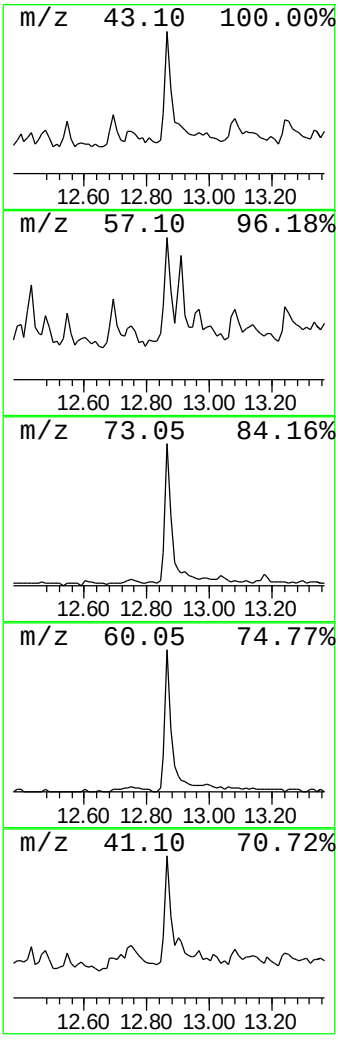
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.45 ng	418074	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53





Library Search Compound Report

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Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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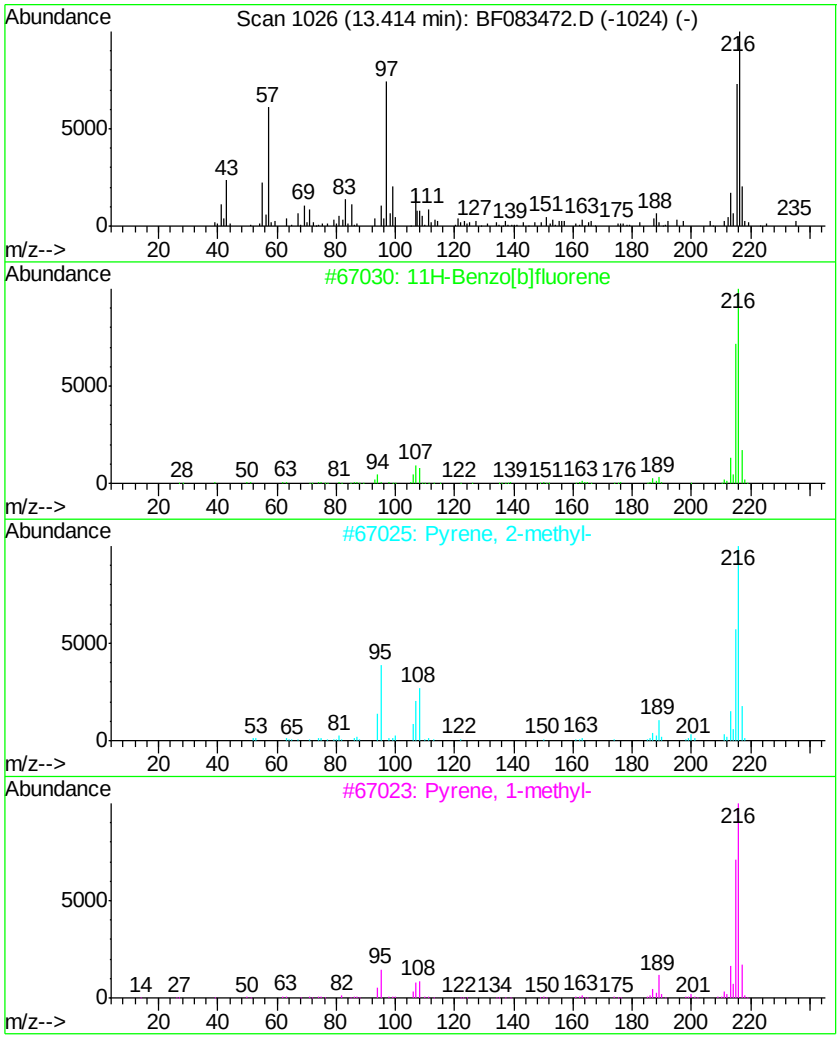
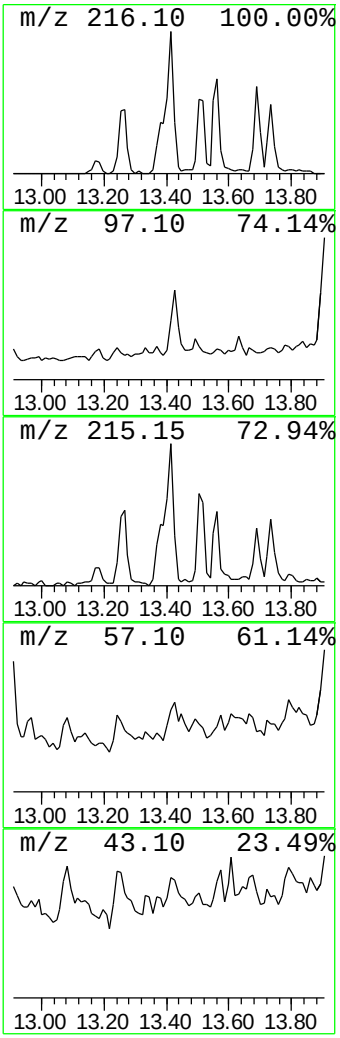
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.54 ng	161878	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





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Operator : UM/IZ
Sample : G4608-01
Misc :
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Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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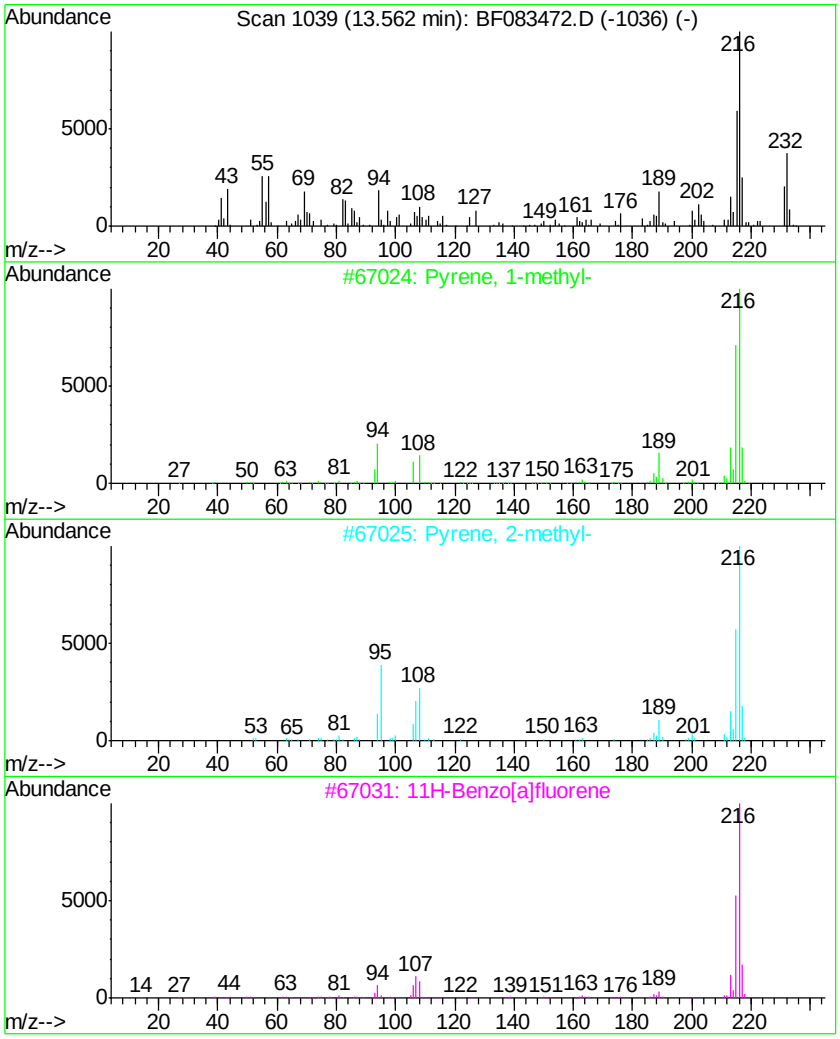
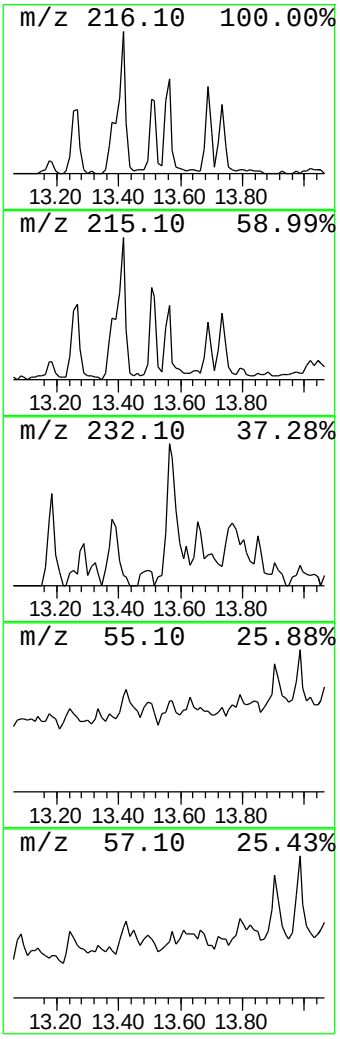
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.03 ng	193251	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





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Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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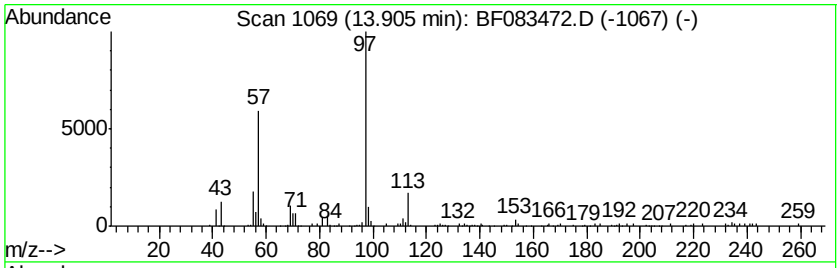
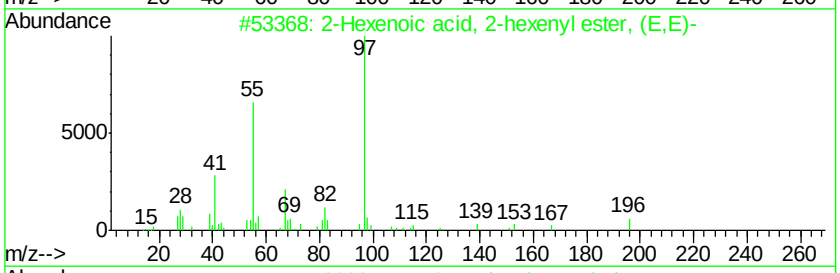
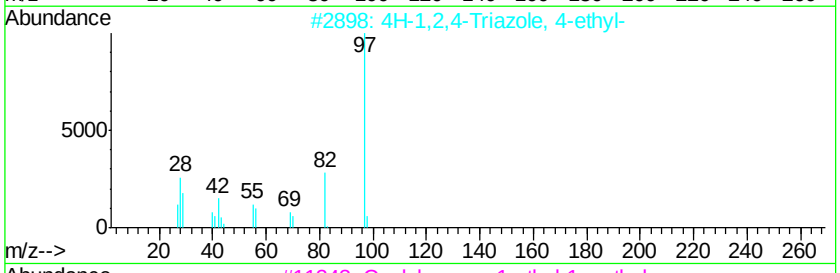
Peak Number 11 2-Hexenoic acid, 2-hexenyl ... Concentration Rank 16

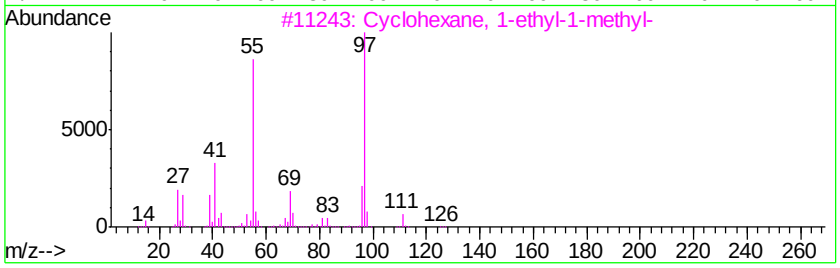
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.69 ng	171691	Chrysene-d12	14.71

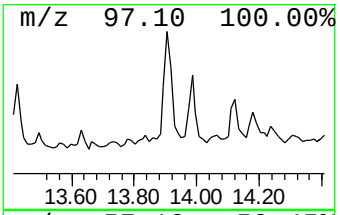
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	59
2	4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	59
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	45
4	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	45
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	45

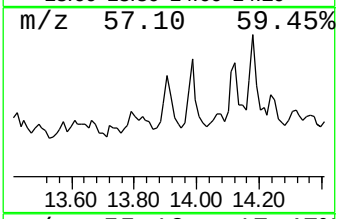


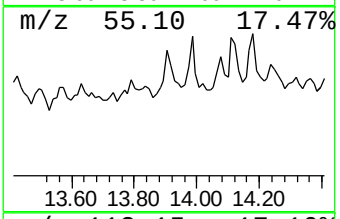


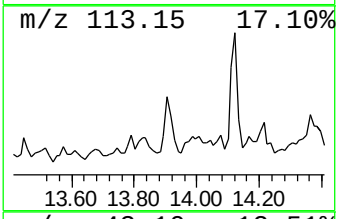


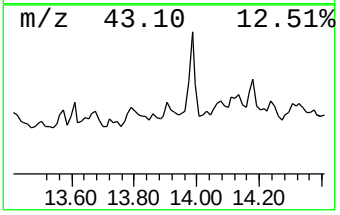












Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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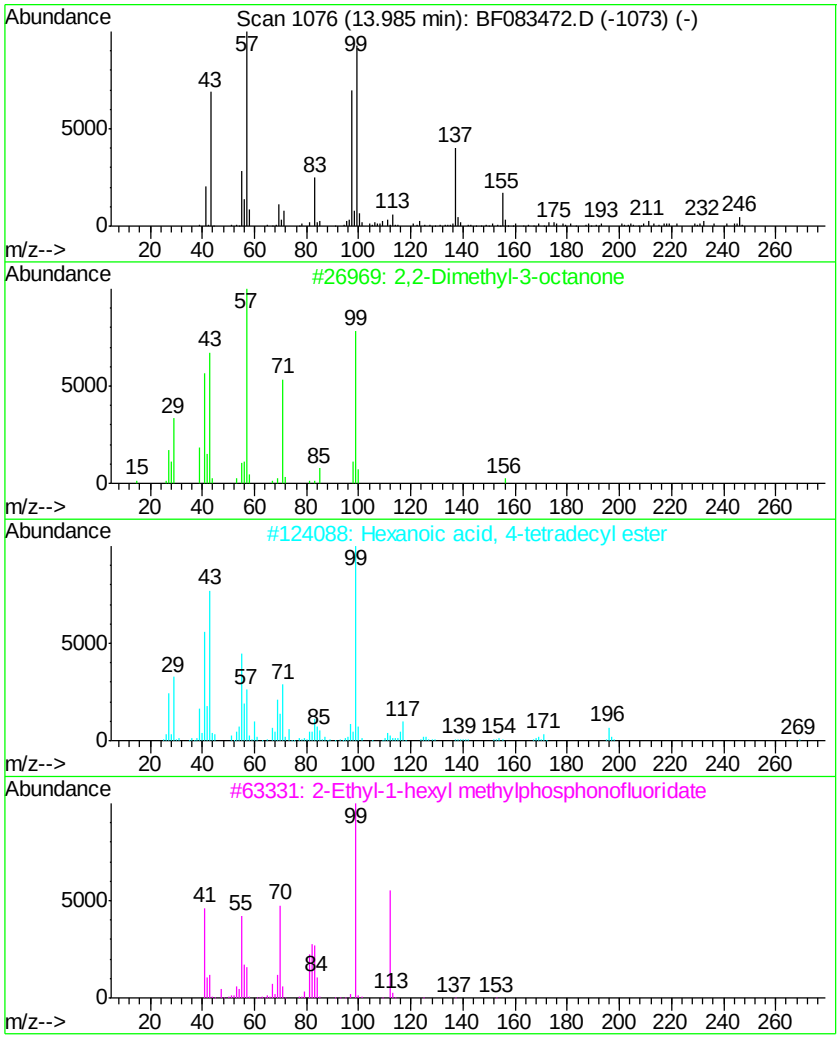
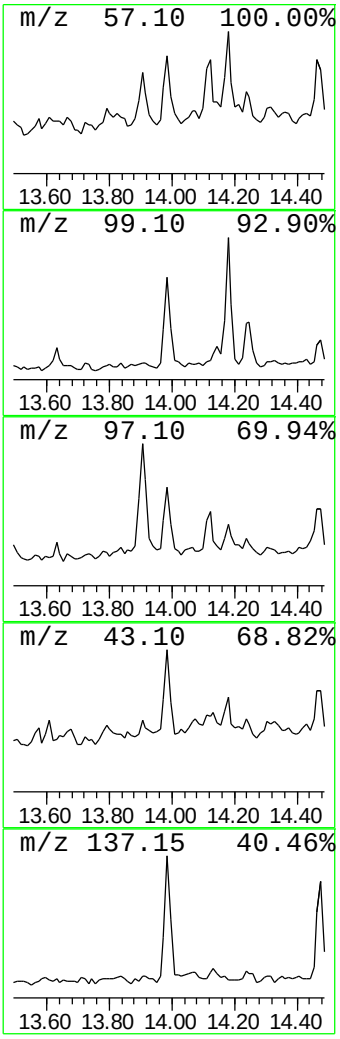
Peak Number 12 unknown13.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.80 ng	242445	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	35
2	Hexanoic acid, 4-tetradecyl ester	312	C20H40O2	1000279-29-8	27
3	2-Ethyl-1-hexyl methylphosphonof...	210	C9H20FO2P	000458-71-9	23
4	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	22
5	1,3,2-Oxazaborinane, 2-butyl-	141	C7H16BNO	024372-00-7	16





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Sample : G4608-01
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Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

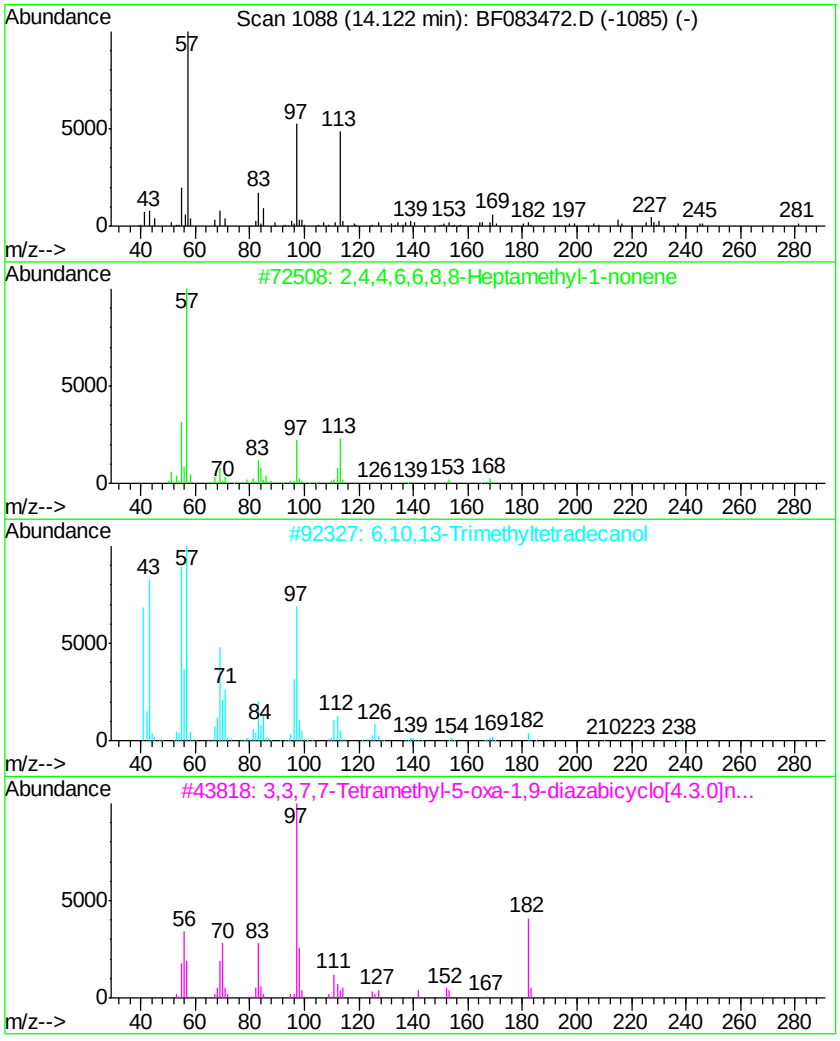
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

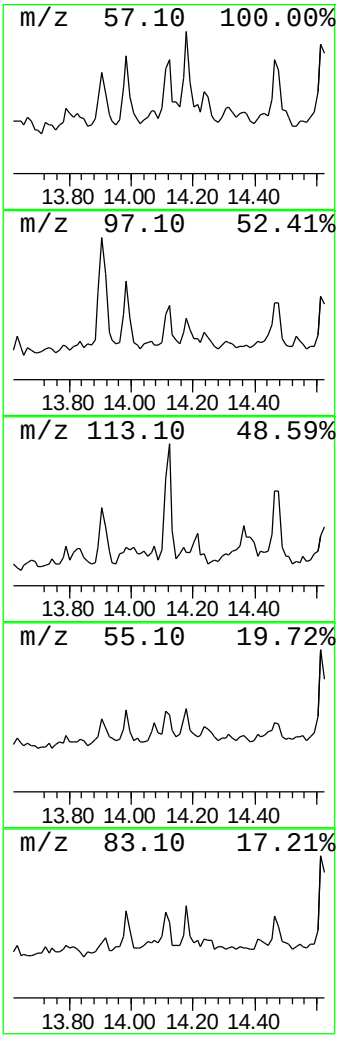
****

Peak Number 13 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.59 ng	165352	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	6,10,13-Trimethyltetradecanol	256	C17H36O	1000131-71-0	12
3	3,3,7,7-Tetramethyl-5-oxa-1,9-di...	182	C10H18N2O	090832-25-0	12
4	8,8-Dimethyl-3-(4-methyl-5-oxo-2...	344	C19H20O6	1000210-91-1	12
5	3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	12





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Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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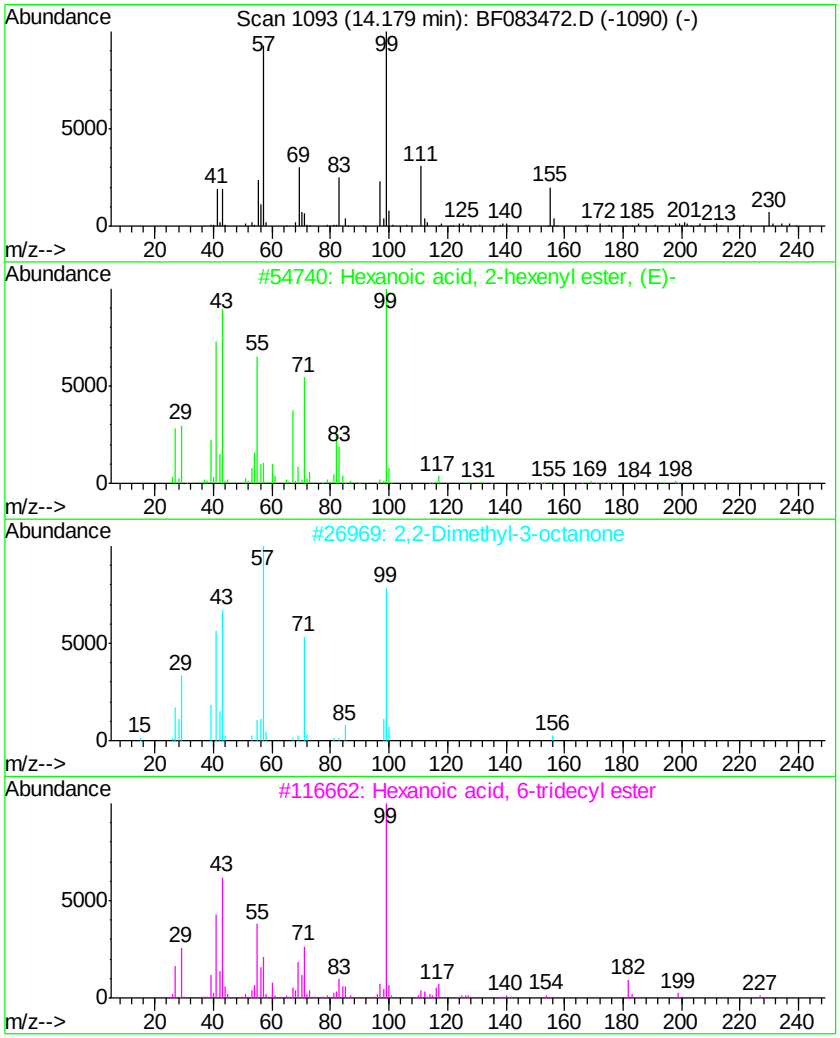
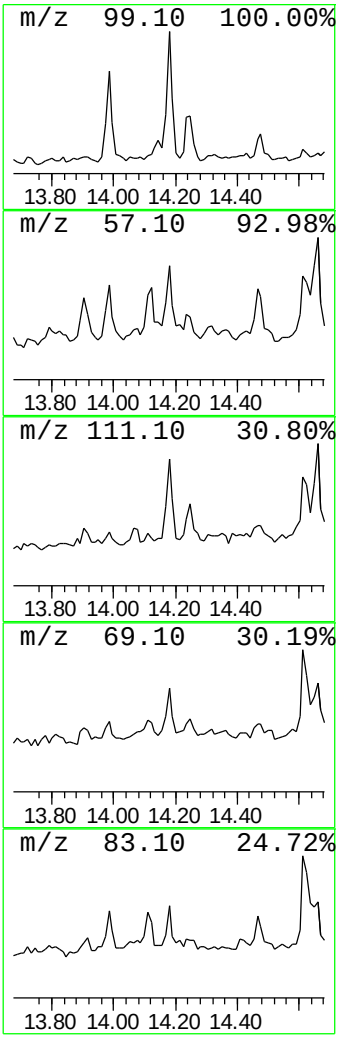
Peak Number 14 unknown14.18 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.73 ng	237695	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-hexenyl ester, ...	198	C12H22O2	053398-86-0	43
2	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	43
3	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	35
4	4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	062337-94-4	35
5	N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	35





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Sample : G4608-01
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Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

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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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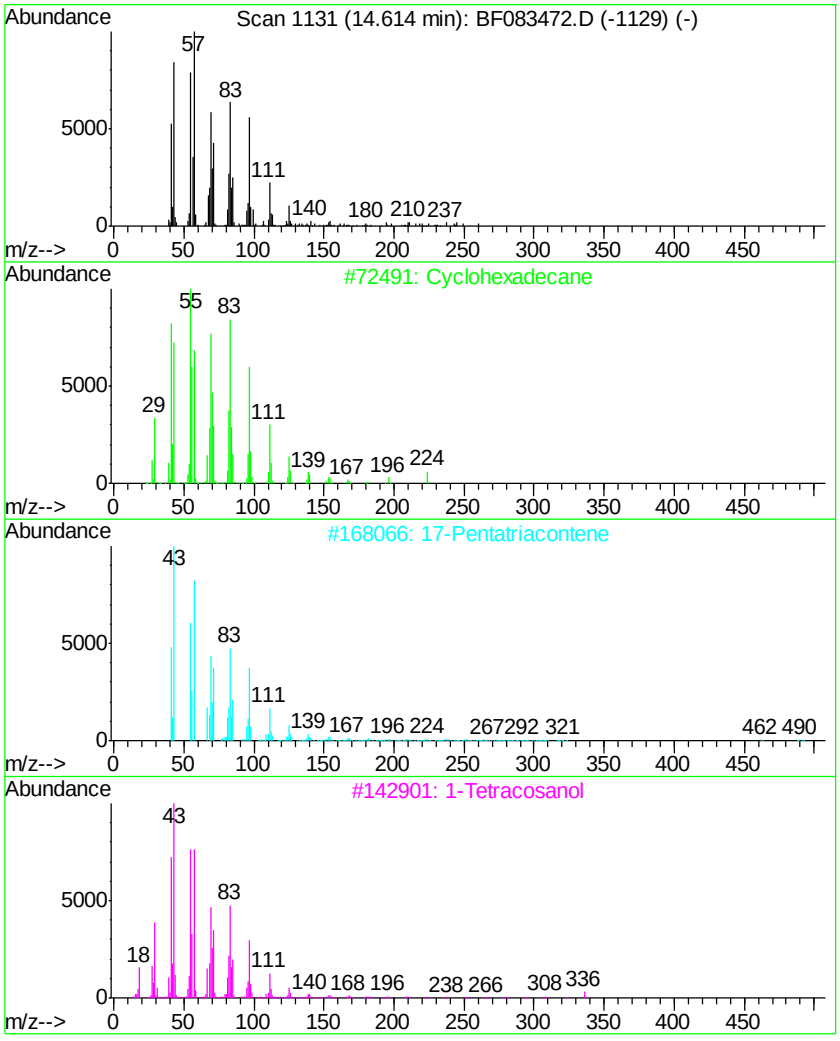
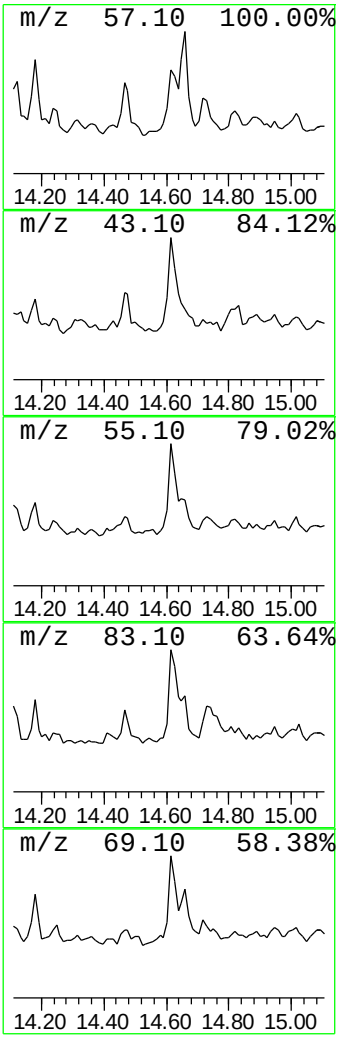
Peak Number 16 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	6.05 ng	385683	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





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Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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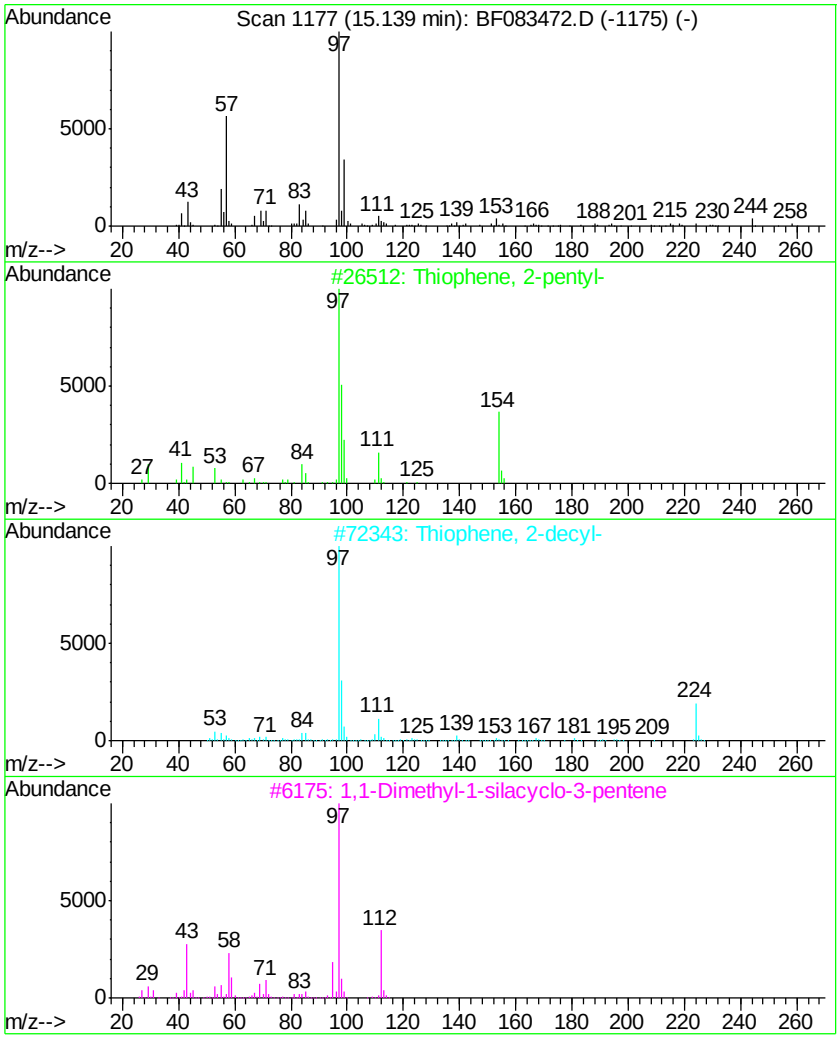
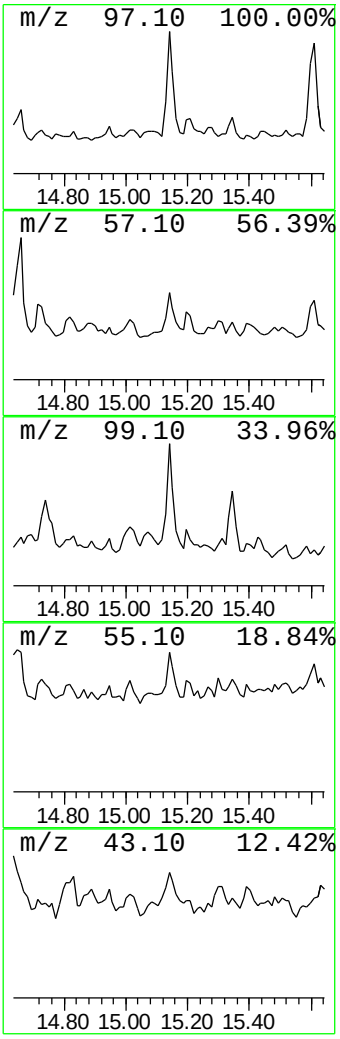
Peak Number 17 Thiophene, 2-pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.03 ng	193103	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	59
2	Thiophene, 2-decyl-	224	C14H24S	024769-39-9	53
3	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	49
4	4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	47
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	47





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

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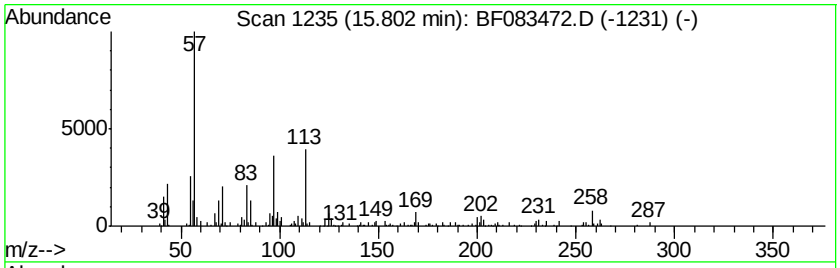
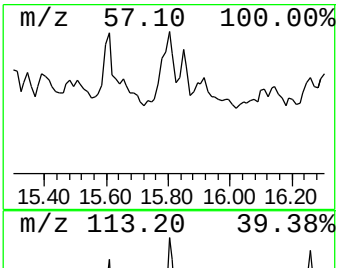
Peak Number 18 unknown15.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.24 ng	252640	Perylene-d12	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	42
2	Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	32
3	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	25
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	25
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25





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Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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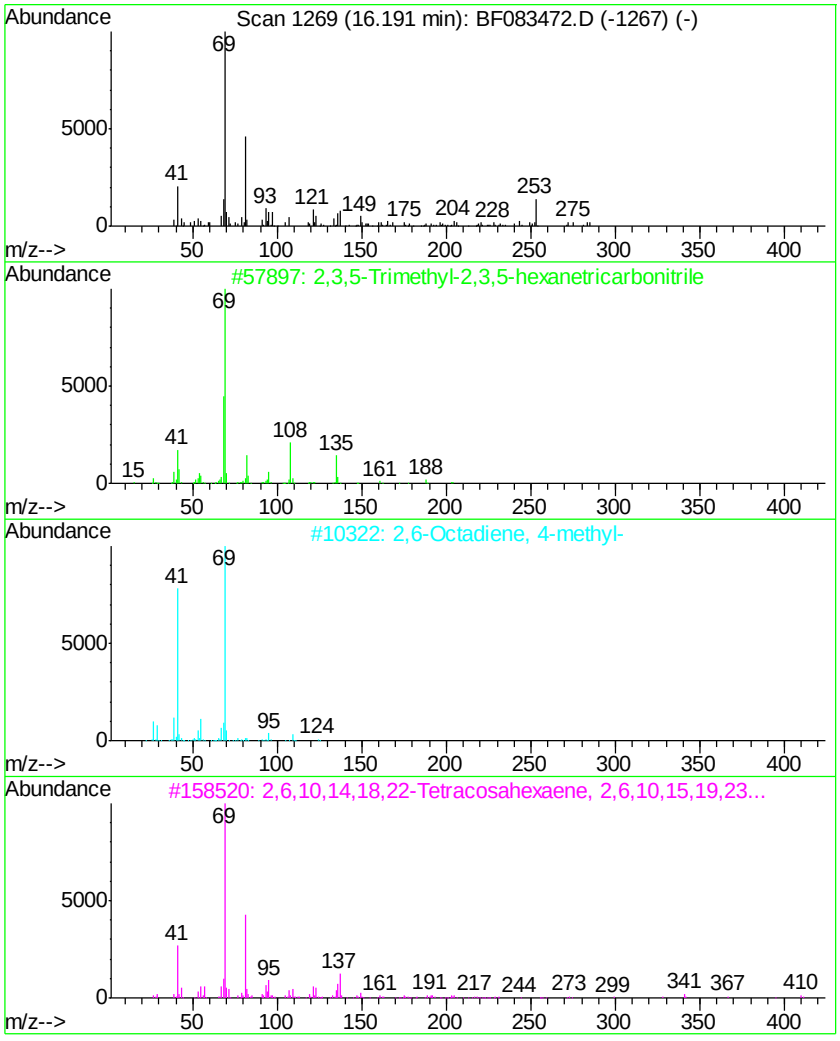
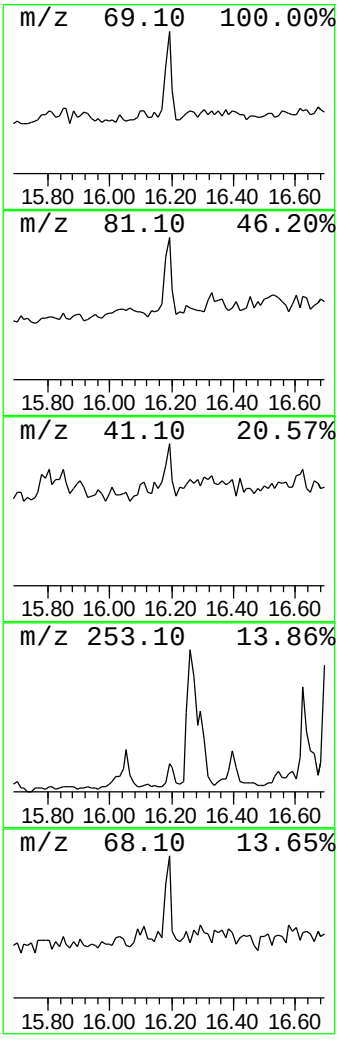
Peak Number 19 2,3,5-Trimethyl-2,3,5-hexan... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.37 ng	114470	Perylene-d12	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	53
2	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	53
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	53
4	Squalene	410	C30H50	007683-64-9	53
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083472.D
Acq On : 3 Dec 2015 21:20
Operator : UM/IZ
Sample : G4608-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-3-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.64	23.0	ng	1249850	1	6.52	1088100	20.0
unknown6.30	6.30	83.7	ng	4552310	1	6.52	1088100	20.0
Eicosane	10.02	3.7	ng	297365	3	9.56	1596830	20.0
Decane, 2,6,8-tri...	10.24	2.4	ng	189050	3	9.56	1596830	20.0
n-Hexadecanoic acid	11.79	7.5	ng	574319	4	11.09	1535100	20.0
Octadecanoic acid	12.87	5.5	ng	418074	4	11.09	1535100	20.0
11H-Benzo[b]fluorene	13.41	2.5	ng	161878	5	14.71	1274520	20.0
Pyrene, 1-methyl-	13.56	3.0	ng	193251	5	14.71	1274520	20.0
2-Hexenoic acid, ...	13.91	2.7	ng	171691	5	14.71	1274520	20.0
unknown13.99	13.99	3.8	ng	242445	5	14.71	1274520	20.0
2,4,4,6,6,8,8-Hep...	14.12	2.6	ng	165352	5	14.71	1274520	20.0
unknown14.18	14.18	3.7	ng	237695	5	14.71	1274520	20.0
Cyclohexadecane	14.61	6.0	ng	385683	5	14.71	1274520	20.0
Thiophene, 2-pentyl-	15.14	3.0	ng	193103	5	14.71	1274520	20.0
unknown15.80	15.80	5.2	ng	252640	6	16.77	964373	20.0
2,3,5-Trimethyl-2...	16.19	2.4	ng	114470	6	16.77	964373	20.0