LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.778	145	148	152	rVB	202336	332958	1.74%	0.133%
2	5.024	254	257	260	rBV	1080504	1191857	6.22%	0.478%
3	5.459	293	295	298	rVB	2565579	2985797	15.57%	1.196%
4	6.499	383	386	388	rBV	4255008	3675593	19.17%	1.473%
5	6.624	395	397	399	rVB	4201168	3524631	18.39%	1.412%
6	6.693	399	403	405	rVB2	403913	353072	1.84%	0.141%
7	6.853	415	417	419	rBV	2079076	1789104	9.33%	0.717%
8	7.013	429	431	433	rBV	3230402	3122740	16.29%	1.251%
9	7.413	464	466	468	rVB	1747188	2219673	11.58%	0.889%
10	7.459	468	470	472	rVB	1666556	1301770	6.79%	0.522%
11	7.573	476	480	482	rBV	180085	307307	1.60%	0.123%
12	7.665	482	488	489	rBV4	210431	581338	3.03%	0.233%
13	7.779	492	498	500	rBV6	225123	714554	3.73%	0.286%
14	7.825	500	502	504	rVB3	251982	319451	1.67%	0.128%
15	7.893	506	508	511	rVB2	475637	674177	3.52%	0.270%
16	7.939	511	512	517	rVB4	347168	540990	2.82%	0.217%
17	8.030	517	520	523	rBV5	98679	333566	1.74%	0.134%
18	8.099	523	526	527	rBV3	256908	455499	2.38%	0.183%
19	8.133	527	529	531	rBV2	4051384	5240054	27.33%	2.100%
20	8.213	533	536	537	rVB	851393	1195354	6.24%	0.479%
21	8.236	537	538	542	rVB3	392512	575795	3.00%	0.231%
22	8.316	542	545	546	rBV2	217794	470512	2.45%	0.189%
23	8.350	546	548	549	rVB2	280121	332312	1.73%	0.133%
24	8.442	552	556	559	rBV4	681852	1422982	7.42%	0.570%
25	8.488	559	560	562	rBV2	548681	616103	3.21%	0.247%
26	8.522	562	563	565	rVB	1032831	1009105	5.26%	0.404%
27	8.568	565	567	572	rBV	2417469	3173456	16.55%	1.272%
28	8.648	572	574	575	rBV	547971	552307	2.88%	0.221%
29	8.705	575	579	580	rBV4	197732	427820	2.23%	0.171%
30	8.739	580	582	584	rBV	5441328	5294011	27.61%	2.121%
31	8.796	584	587	589	rBV3	297216	452865	2.36%	0.181%
32	8.853	589	592	594	rVB2	1192900	1992080	10.39%	0.798%
33	8.899	594	596	597	rBV2	309045	423684	2.21%	0.170%
34	8.956	597	601	603	rBV3	1091060	1908908	9.96%	0.765%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.025	605	607	608	rBV2	820244	929239	4.85%	0.372%
36	9.105	612	614	616	rVB2	1522626	1294241	6.75%	0.519%
37	9.139	616	617	618	rBV	591135	760980	3.97%	0.305%
38	9.173	618	620	622	rVB	3616089	3110685	16.23%	1.246%
39	9.219	622	624	626	rVB	4203246	3564062	18.59%	1.428%
40	9.310	629	632	634	rBV	8580768	9545577	49.79%	3.825%
41	9.368	634	637	640	rBV3	668720	1604778	8.37%	0.643%
42	9.413	640	641	643	rVB	749168	1009600	5.27%	0.405%
43	9.493	643	648	650	rBV2	1547280	3164318	16.51%	1.268%
44	9.562	650	654	657	rBV2	3011248	5980331	31.19%	2.396%
45	9.630	657	660	663	rBV3	5553184	9545480	49.79%	3.825%
46	9.688	663	665	666	rVB2	1590449	1908514	9.96%	0.765%
47	9.733	666	669	670	rVB3	387178	696767	3.63%	0.279%
48	9.768	670	672	674	rBV3	937876	1670890	8.72%	0.670%
49	9.813	674	676	677	rBV	1971042	1636952	8.54%	0.656%
50	9.848	677	679	680	rVB	8630644	9529290	49.71%	3.818%
51	9.905	680	684	685	rBV3	1986362	4225180	22.04%	1.693%
52	9.939	685	687	688	rBV2	847866	851375	4.44%	0.341%
53	10.008	691	693	695	rVB	1591755	2031266	10.60%	0.814%
54	10.065	695	698	700	rBV2	1592669	3562383	18.58%	1.427%
55	10.099	700	701	704	rBV	2214421	1916622	10.00%	0.768%
56	10.156	704	706	708	rVB3	2124243	3933016	20.52%	1.576%
57	10.225	710	712	713	rBV	846408	999437	5.21%	0.400%
58	10.271	715	716	718	rBV2	732721	952937	4.97%	0.382%
59	10.339	718	722	724	rBV	7040904	11443779	59.69%	4.586%
60	10.442	729	731	732	rBV2	1078897	1063613	5.55%	0.426%
61	10.568	738	742	744	rBV	4605969	8439816	44.02%	3.382%
62	10.613	744	746	747	rVB2	1366669	1541160	8.04%	0.618%
63	10.648	747	749	750	rBV	1366313	1599070	8.34%	0.641%
64	10.682	750	752	754	rVV3	1651163	2934952	15.31%	1.176%
65	10.728	754	756	759	rVB3	934159	1717098	8.96%	0.688%
66	10.819	761	764	768	rVV	9624245	19170859	100.00%	7.682%
67	10.888	769	770	773	rVB2	1140482	1404598	7.33%	0.563%
68	11.002	778	780	781	rVV2	1575175	2159376	11.26%	0.865%
69	11.036	781	783	785	rVB3	1572343	2476262	12.92%	0.992%
70	11.071	785	786	787	rBV	943846	684606	3.57%	0.274%
71	11.151	790	793	794	rVB3	1270589	2107190	10.99%	0.844%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.265	801	803	804	rBV	8040190	7694313	40.14%	3.083%
73	11.299	804	806	808	rVB	5298279	6143425	32.05%	2.462%
74	11.391	812	814	817	rBV3	1802803	3086623	16.10%	1.237%
75	11.505	822	824	825	rVB2	868402	769954	4.02%	0.309%
76	11.574	828	830	831	rVB2	858107	1093867	5.71%	0.438%
77	11.642	834	836	838	rVB	1541696	1421135	7.41%	0.569%
78	11.688	838	840	843	rBV	6905919	7161212	37.35%	2.870%
79	11.848	852	854	857	rBV2	980810	1903713	9.93%	0.763%
80	11.894	857	858	859	rVV	1077875	1017140	5.31%	0.408%
81	11.916	859	860	861	rVV	1670072	1311758	6.84%	0.526%
82	11.996	864	867	869	rVV2	1345397	2735425	14.27%	1.096%
83	12.065	872	873	874	rBV	365206	339147	1.77%	0.136%
84	12.099	874	876	877	rVV	6628139	7194749	37.53%	2.883%
85	12.122	877	878	880	rVV2	514077	416553	2.17%	0.167%
86	12.339	893	897	898	rBV3	599682	1392627	7.26%	0.558%
87	12.374	898	900	904	rVB3	1336479	2413070	12.59%	0.967%
88	12.442	904	906	907	rBV	994952	1281573	6.69%	0.514%
89	12.476	907	909	912	rVV	4621628	5091021	26.56%	2.040%
90	12.522	912	913	915	rVB	401040	308531	1.61%	0.124%
91	12.819	938	939	940	rBV	449431	407868	2.13%	0.163%
92	12.854	940	942	944	rVV	4047678	4576058	23.87%	1.834%
93	12.968	950	952	956	rVB	3656704	3965682	20.69%	1.589%
94	13.208	970	973	975	rVV	1319276	1751394	9.14%	0.702%
95	13.242	975	976	982	rVB5	174087	351042	1.83%	0.141%
96	13.539	1000	1002	1005	rVB	737977	830632	4.33%	0.333%
97	13.871	1028	1031	1036	rVB	725680	952741	4.97%	0.382%
98	14.019	1041	1044	1045	rBV	1243536	1698587	8.86%	0.681%
99	15.448	1166	1169	1171	rVV	804206	1186276	6.19%	0.475%
100	16.123	1225	1228	1233	rVB	189579	385200	2.01%	0.154%

Sum of corrected areas: 249559040

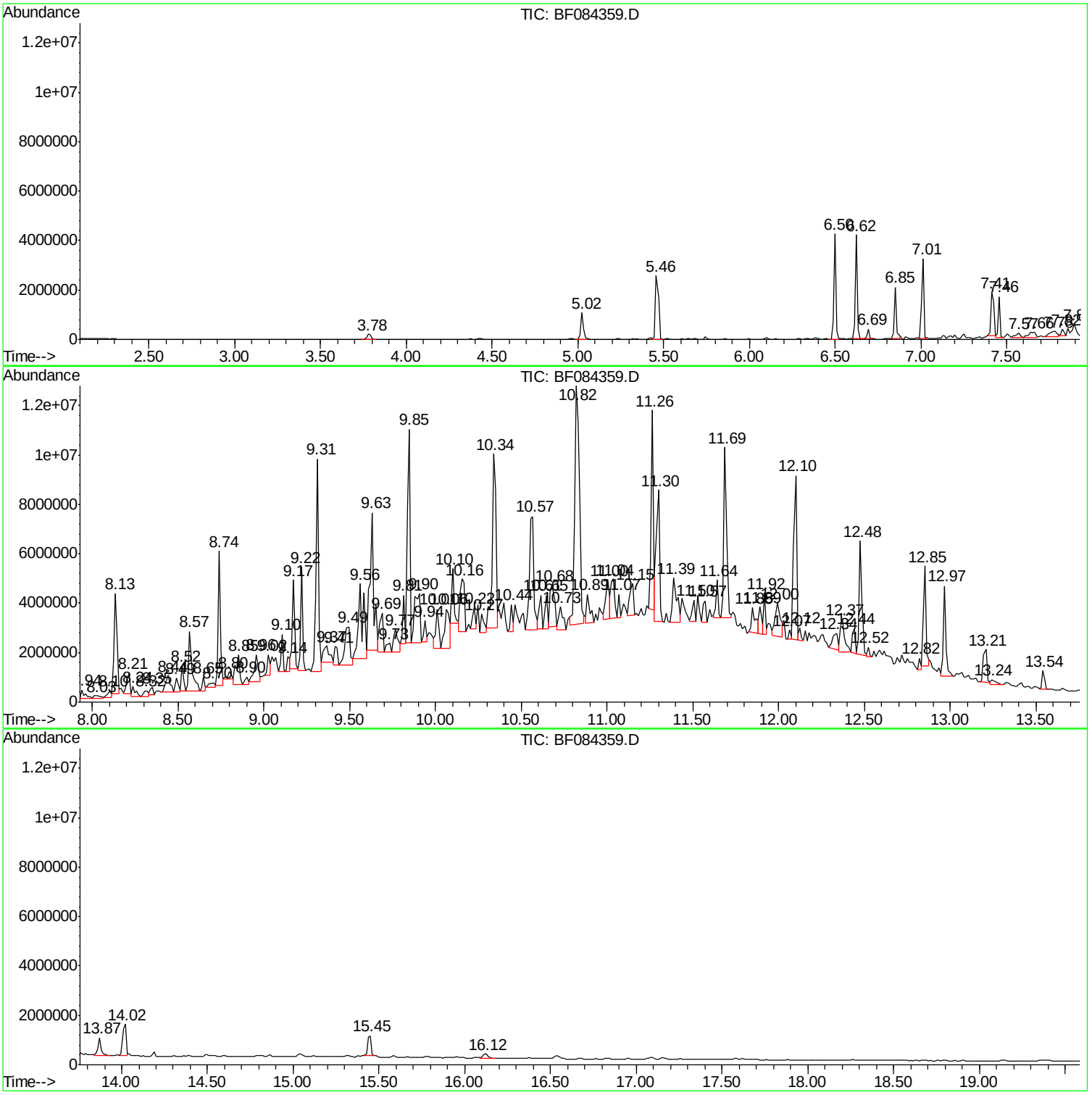
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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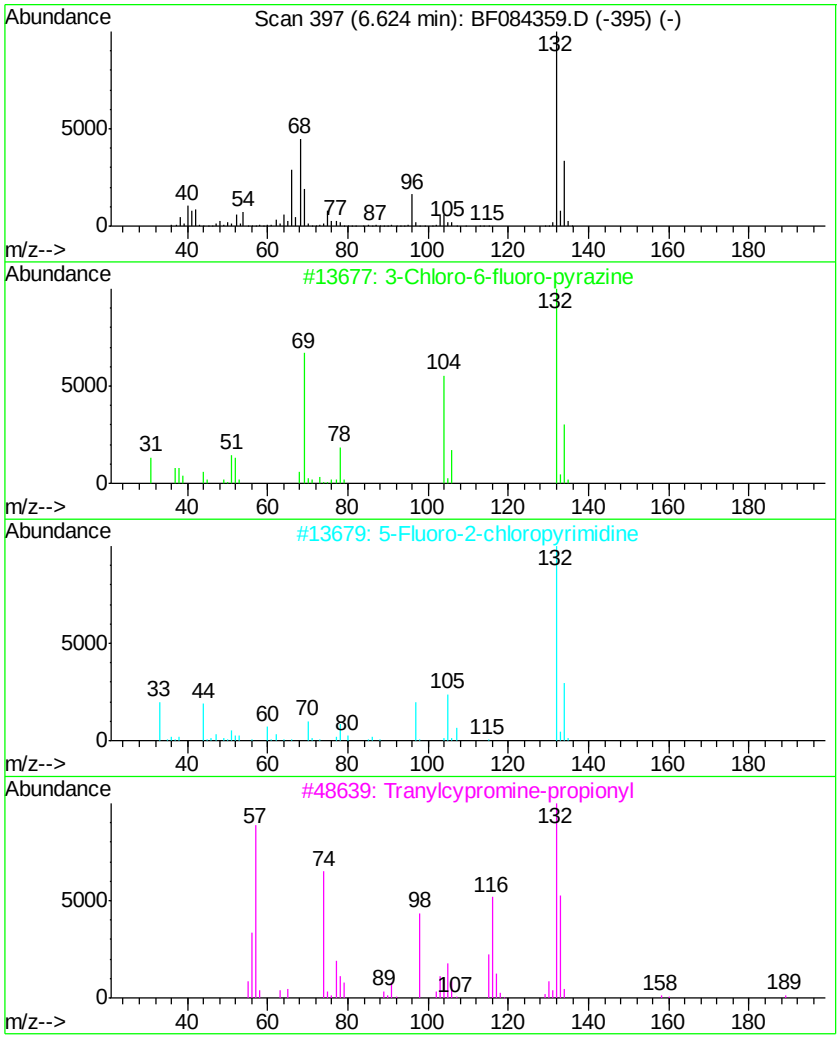
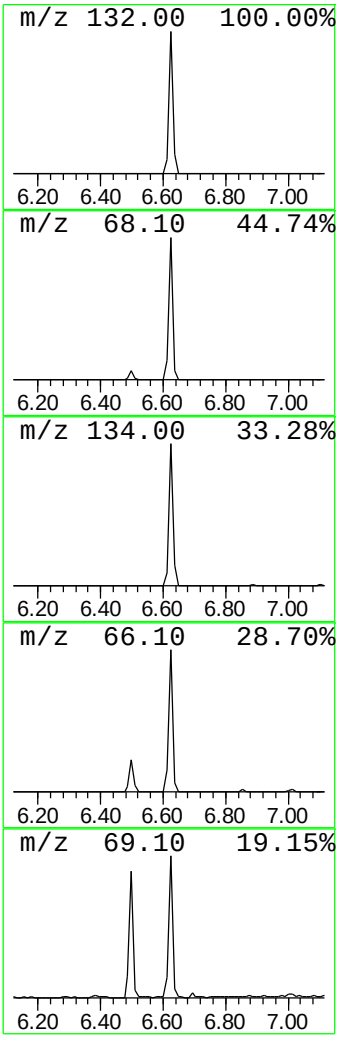
Peak Number 1 unknown6.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	39.40 ng	3524630	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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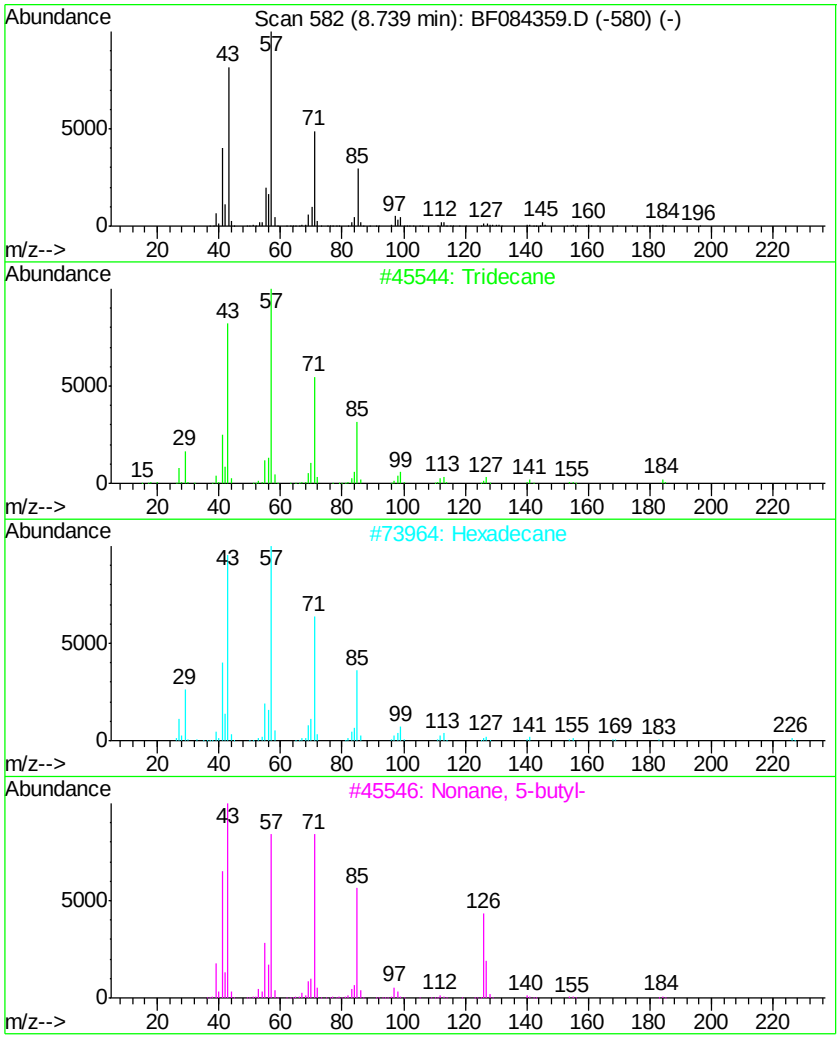
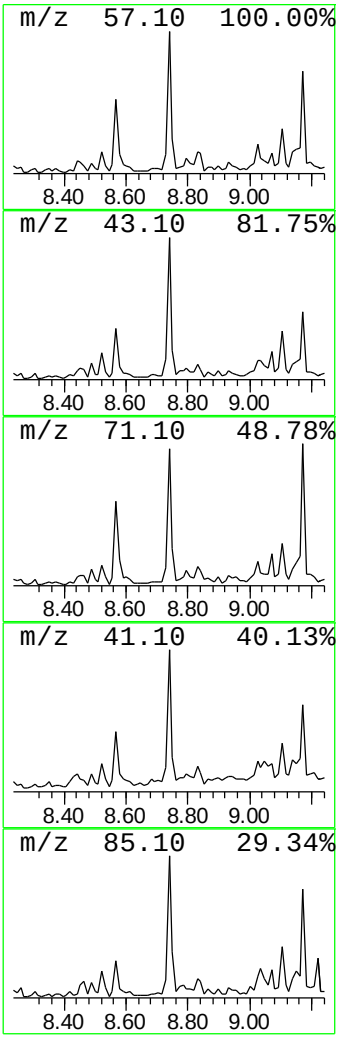
Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	20.21 ng	5294010	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Tetradecane	198	C14H30	000629-59-4	78
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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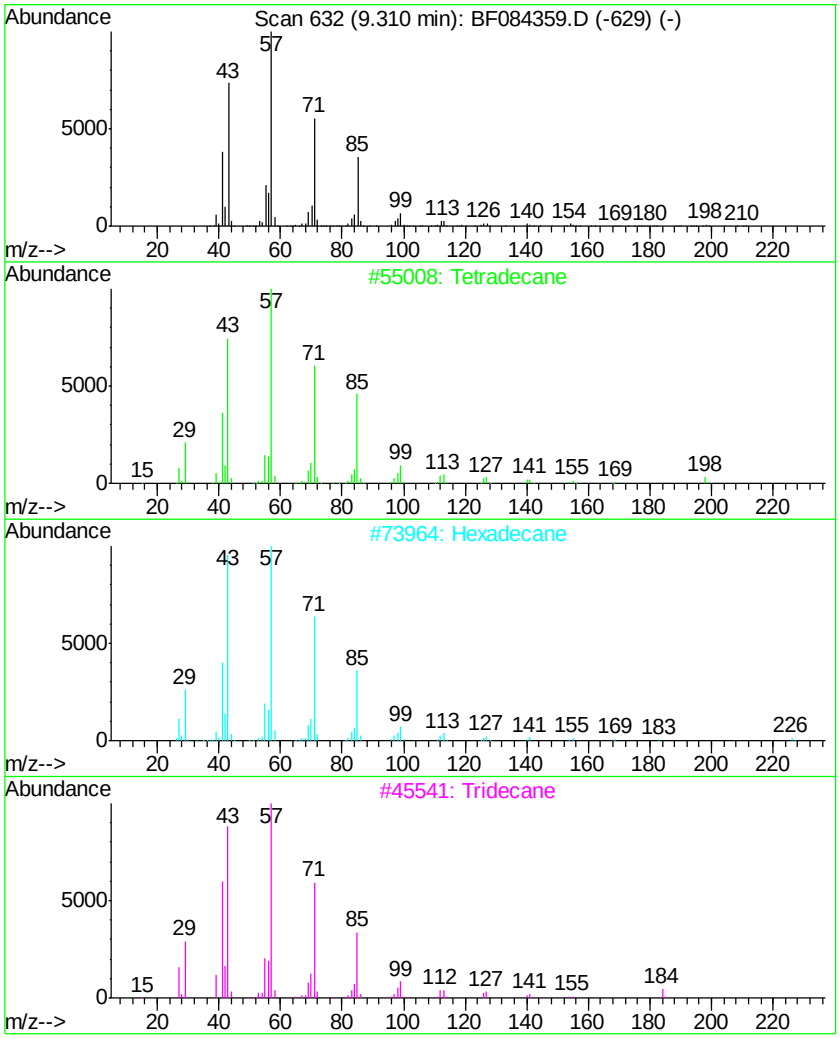
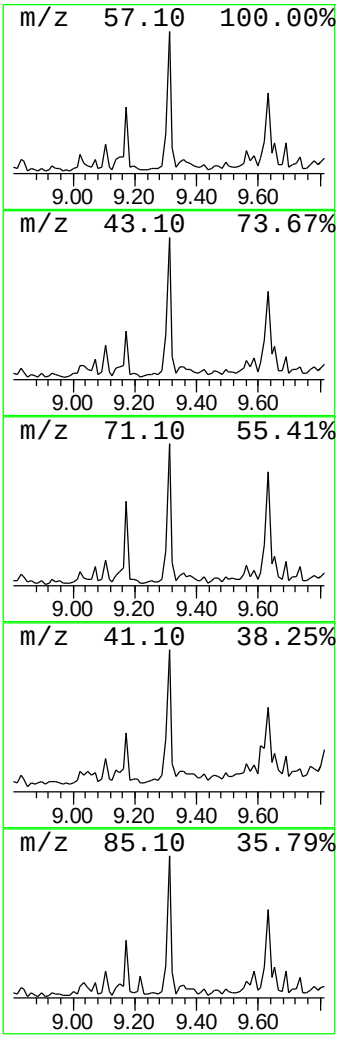
Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	45.18 ng	9545580	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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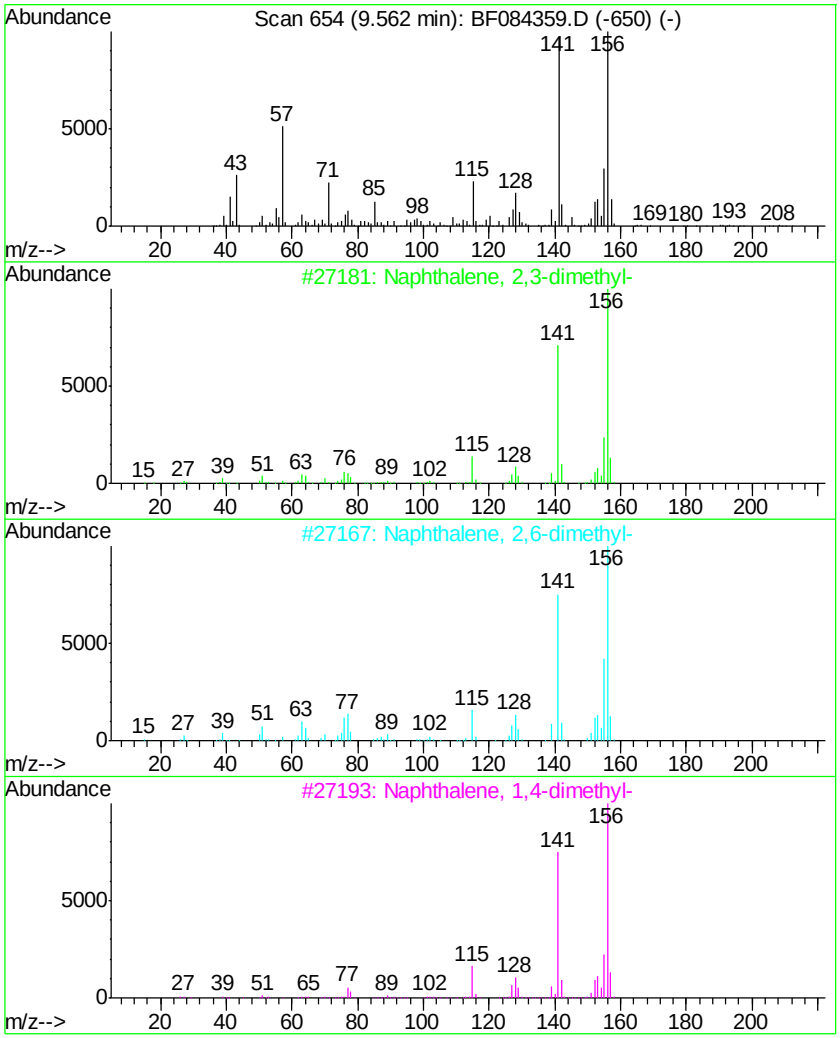
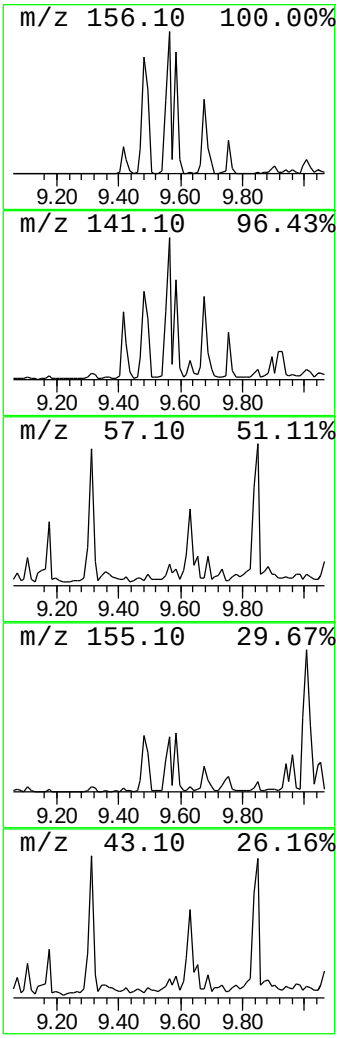
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	28.31 ng	5980330	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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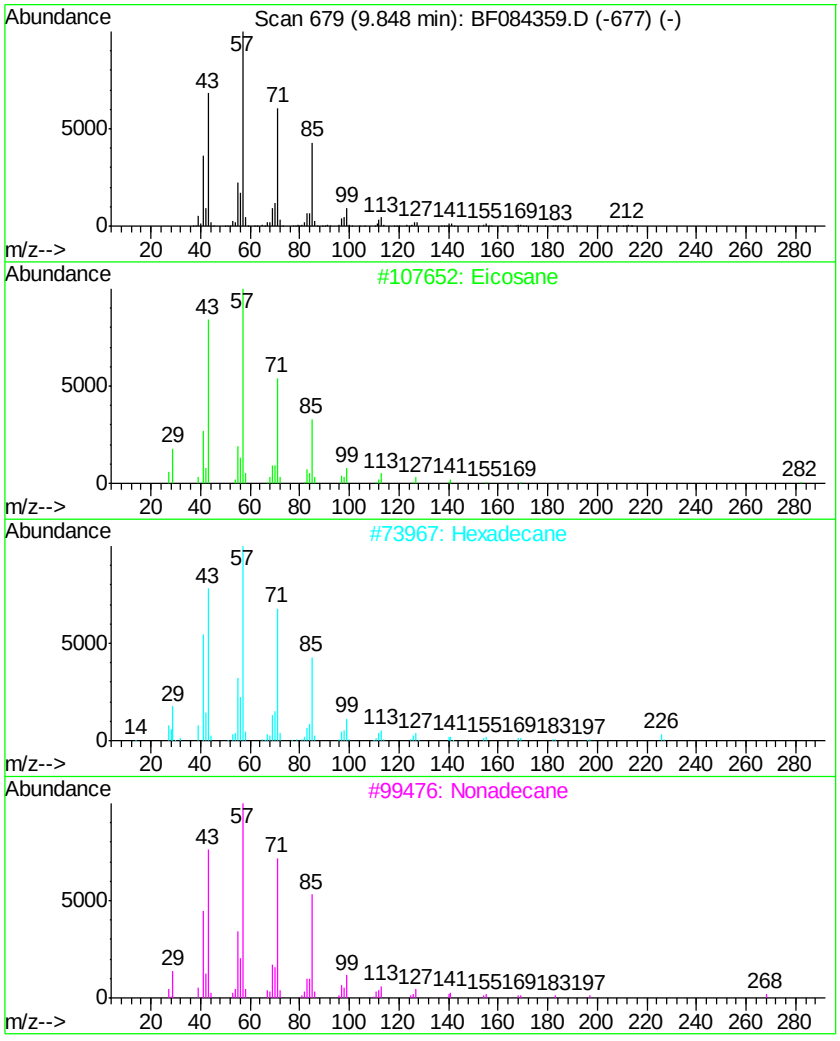
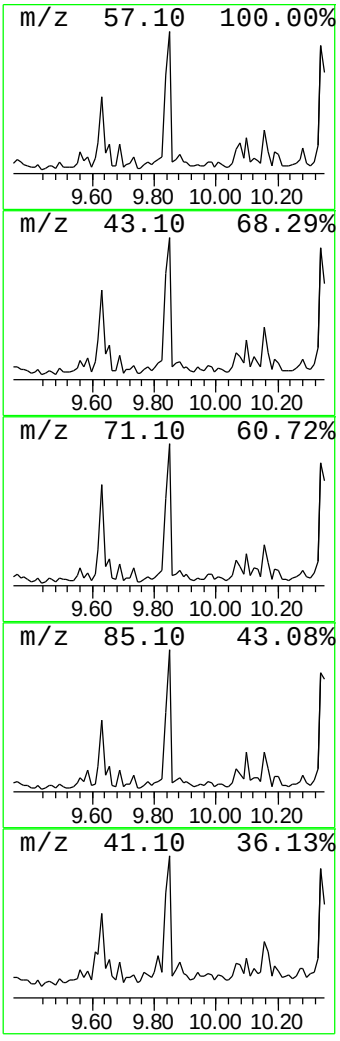
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	45.11 ng	9529290	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

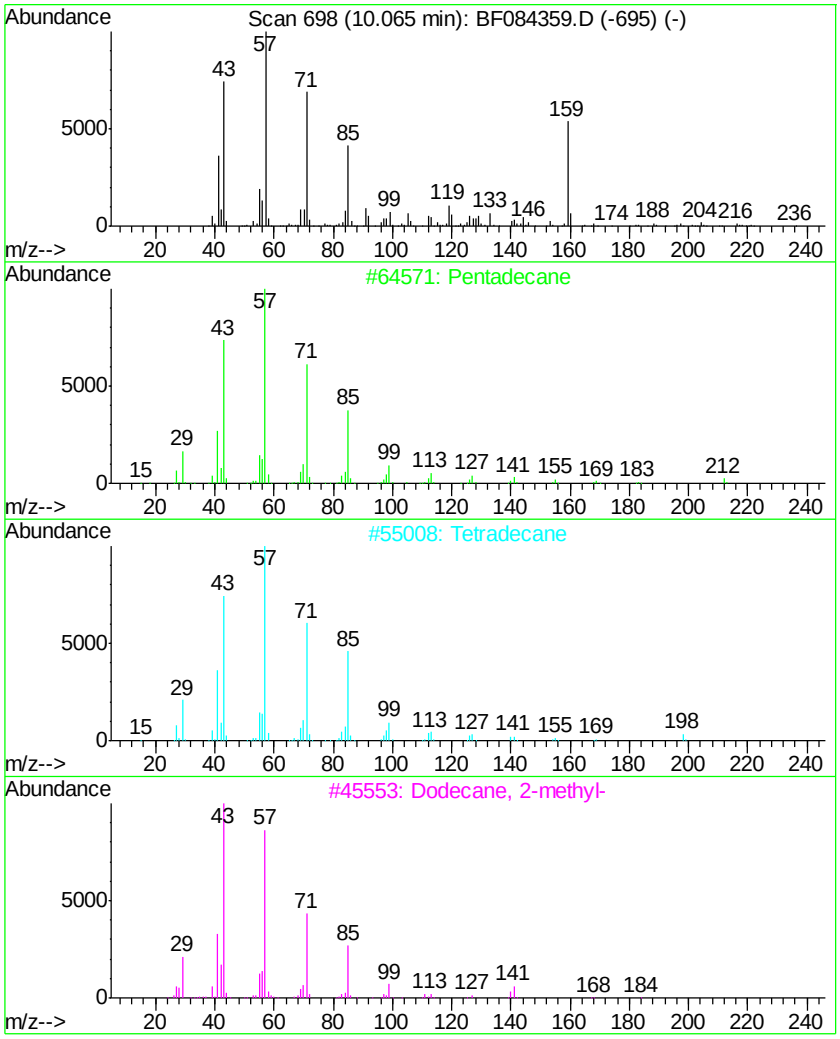
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

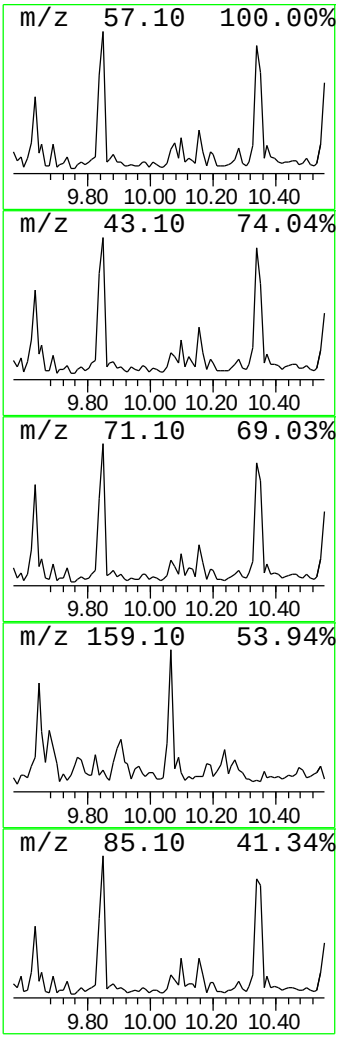
****

Peak Number 7 unknown10.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	16.86 ng	3562380	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	49
2	Tetradecane	198	C14H30	000629-59-4	49
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
4	Hexadecane	226	C16H34	000544-76-3	47
5	Octane, 2-methyl-	128	C9H20	003221-61-2	46





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Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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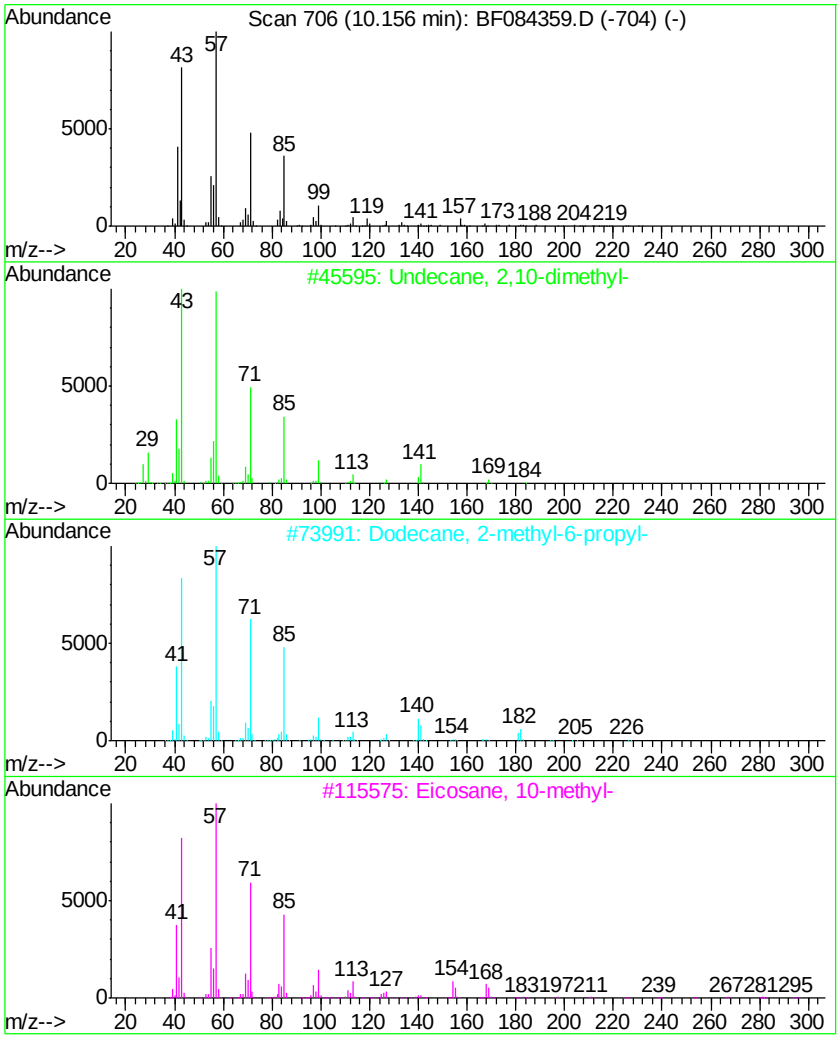
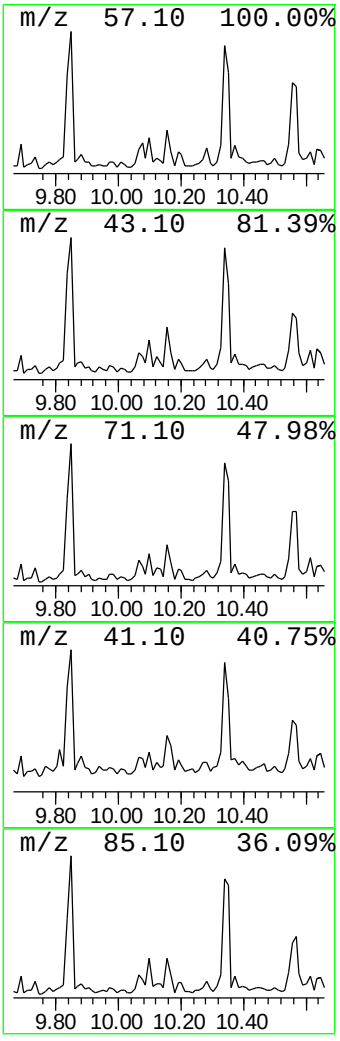
Peak Number 8 Undecane, 2,10-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	18.62 ng	3933020	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

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Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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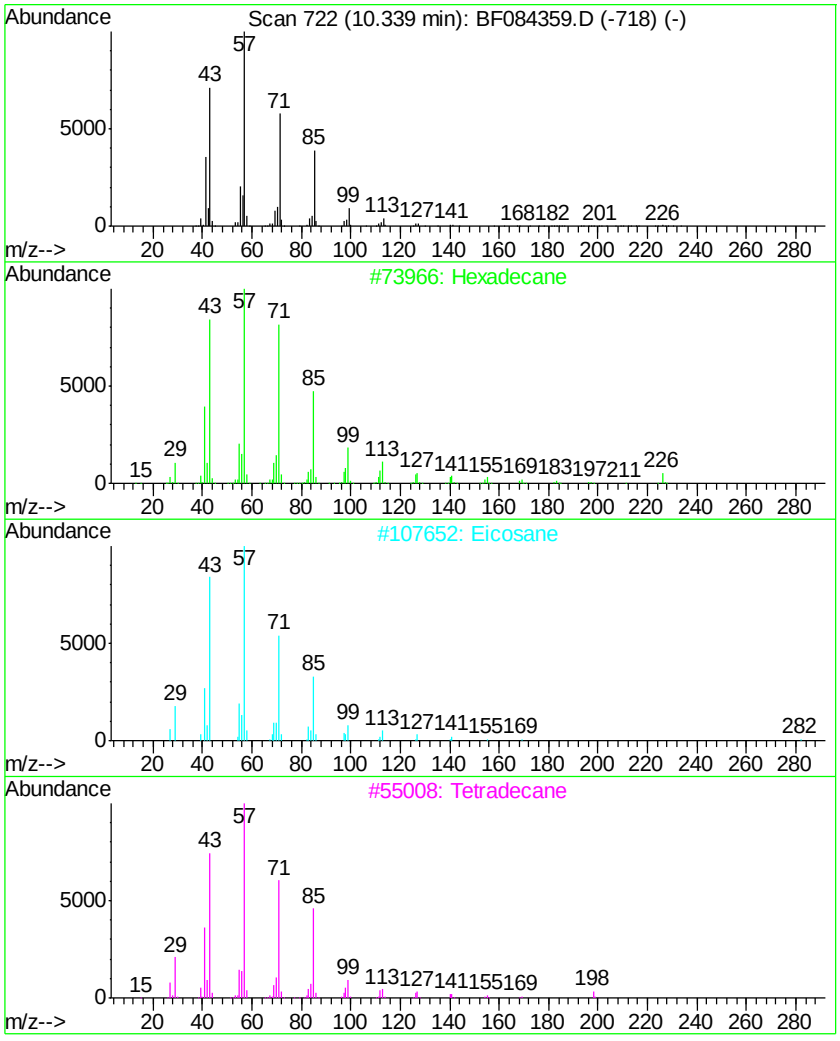
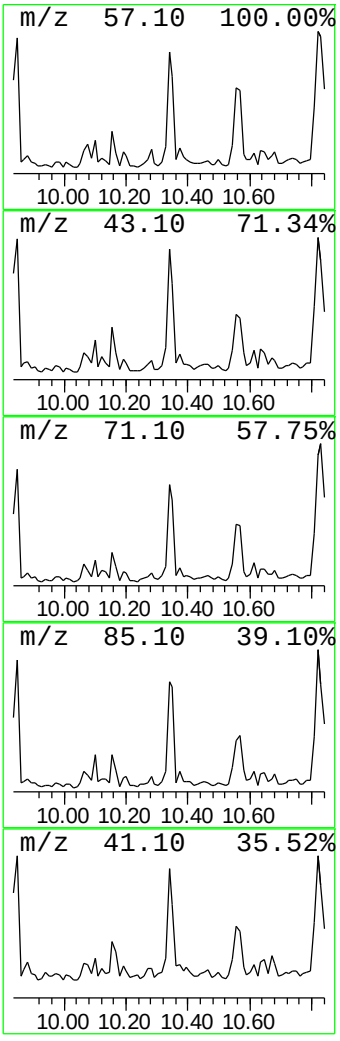
Peak Number 9 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	54.17 ng	11443800	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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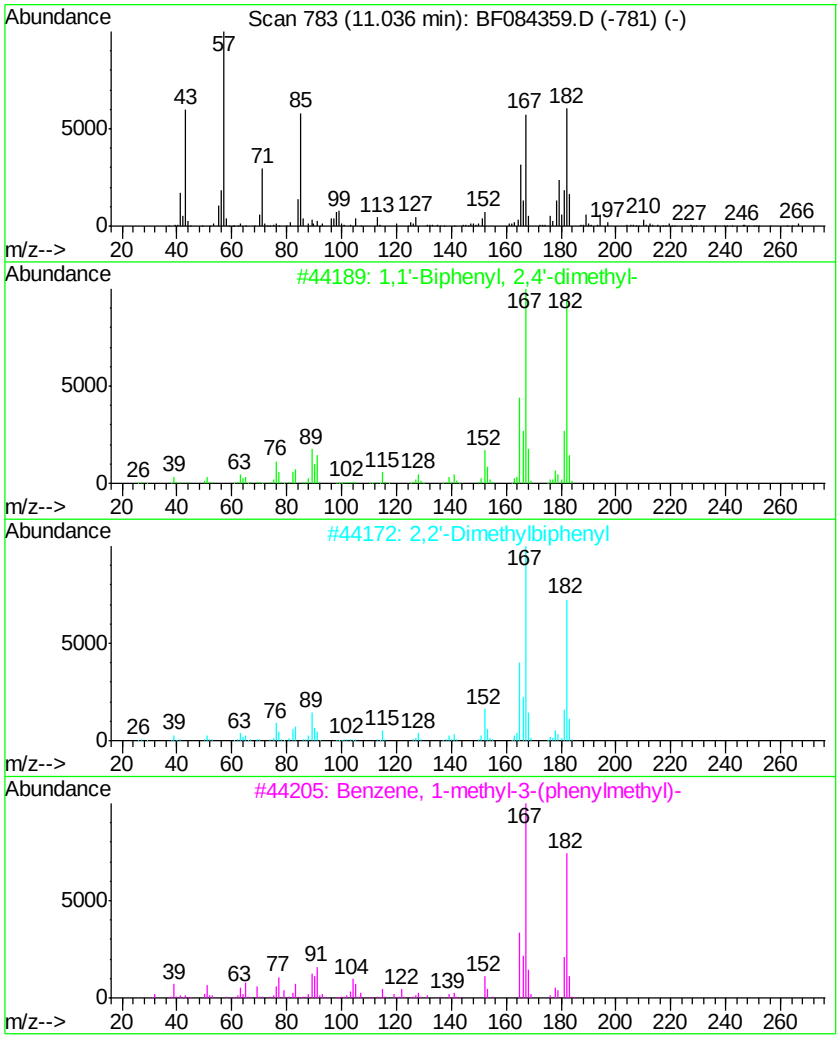
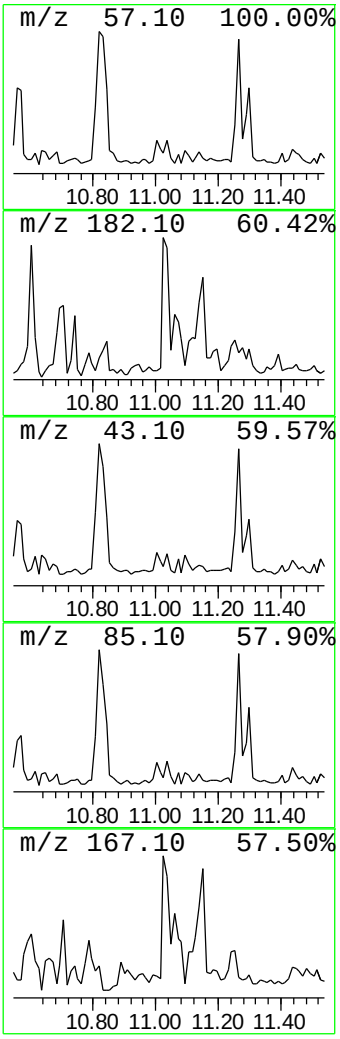
Peak Number 12 1,1'-Biphenyl, 2,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	16.05 ng	2476260	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	64
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	58
3	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	53
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	53
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	52





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Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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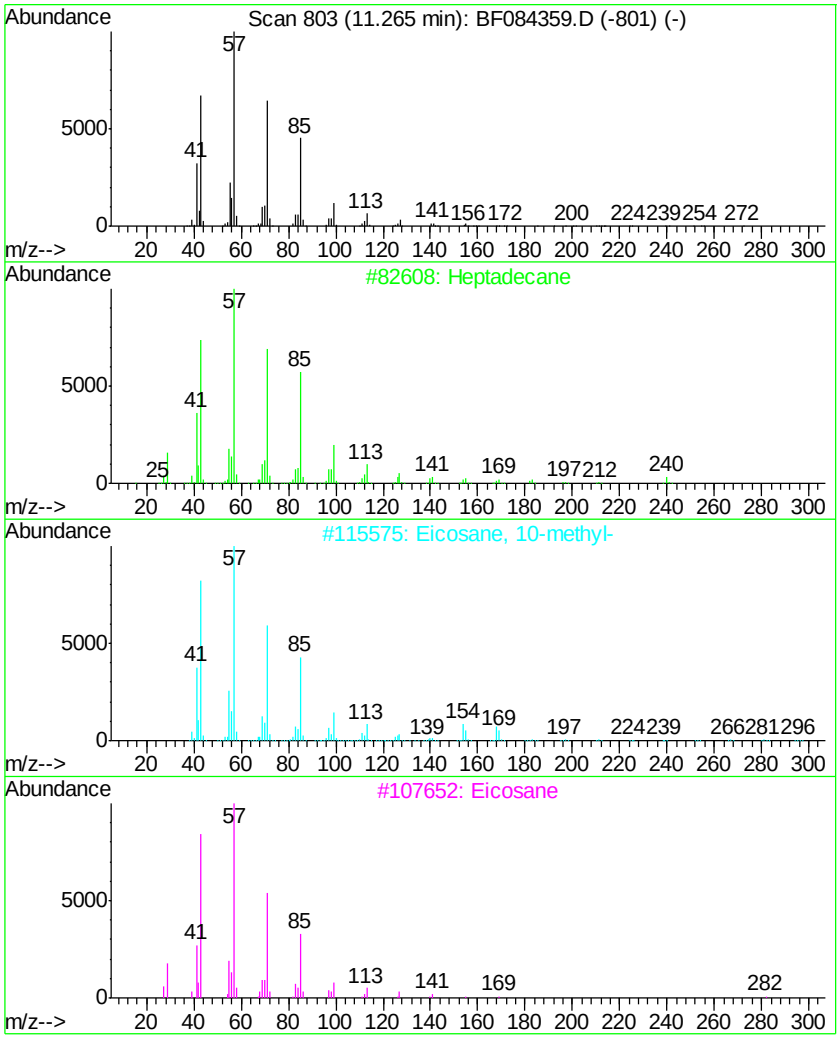
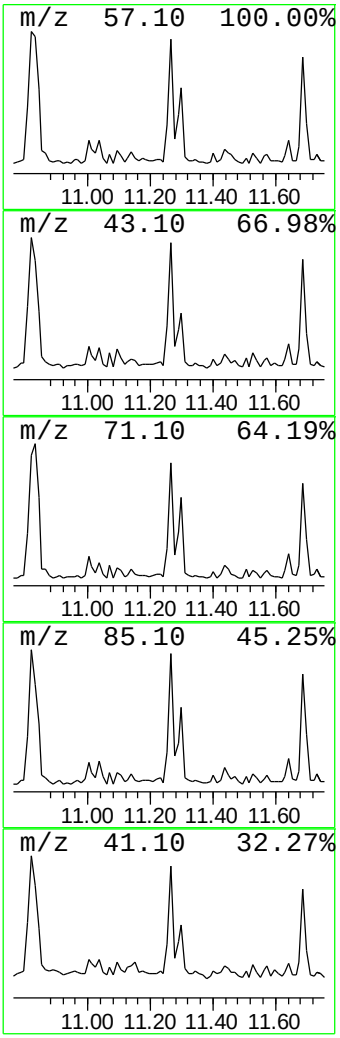
Peak Number 13 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	49.86 ng	7694310	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80





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Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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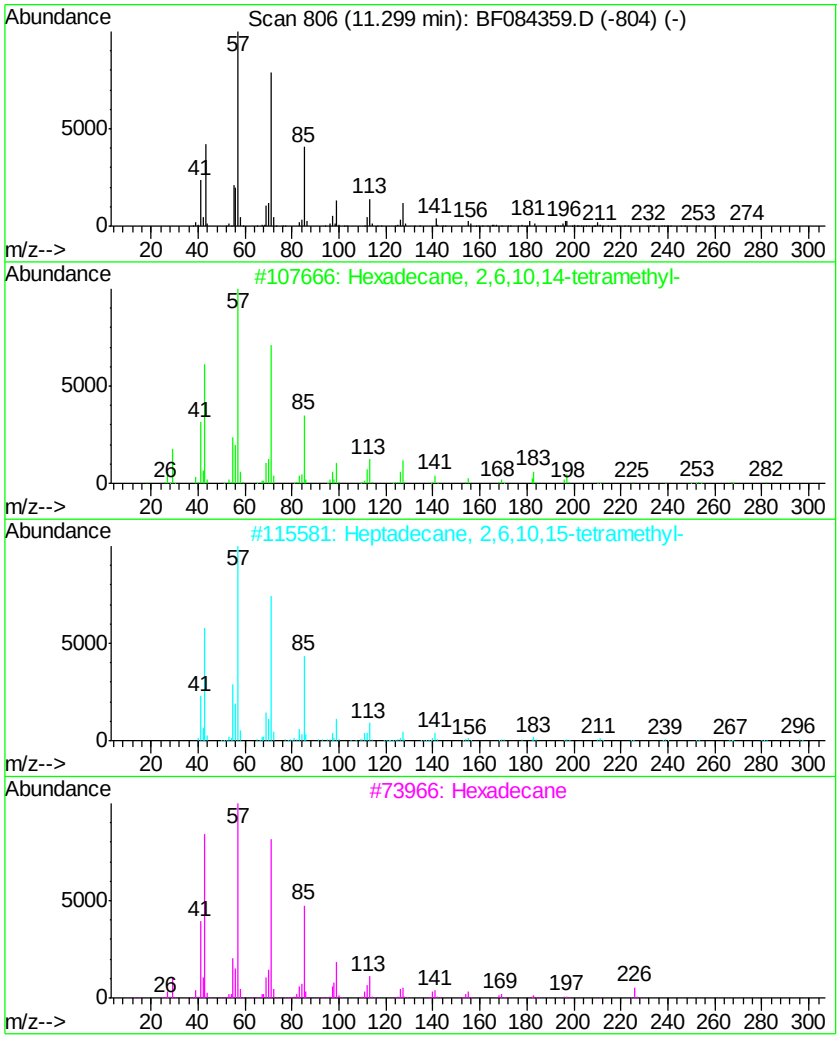
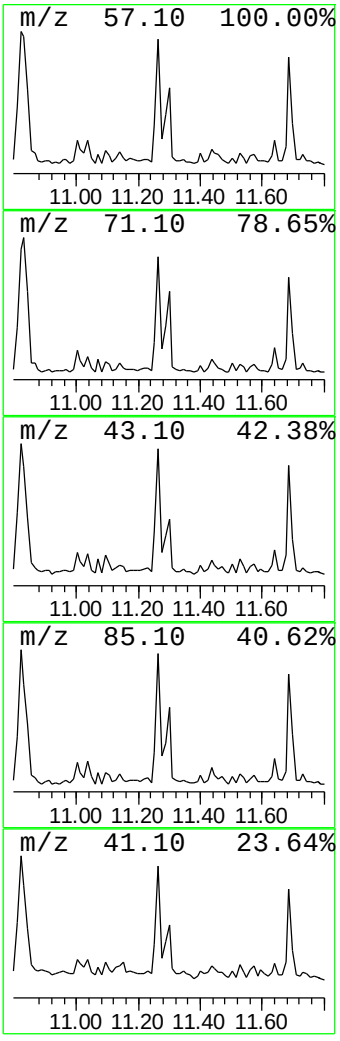
Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	39.81 ng	6143430	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Decane, 2-methyl-	156	C11H24	006975-98-0	74





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Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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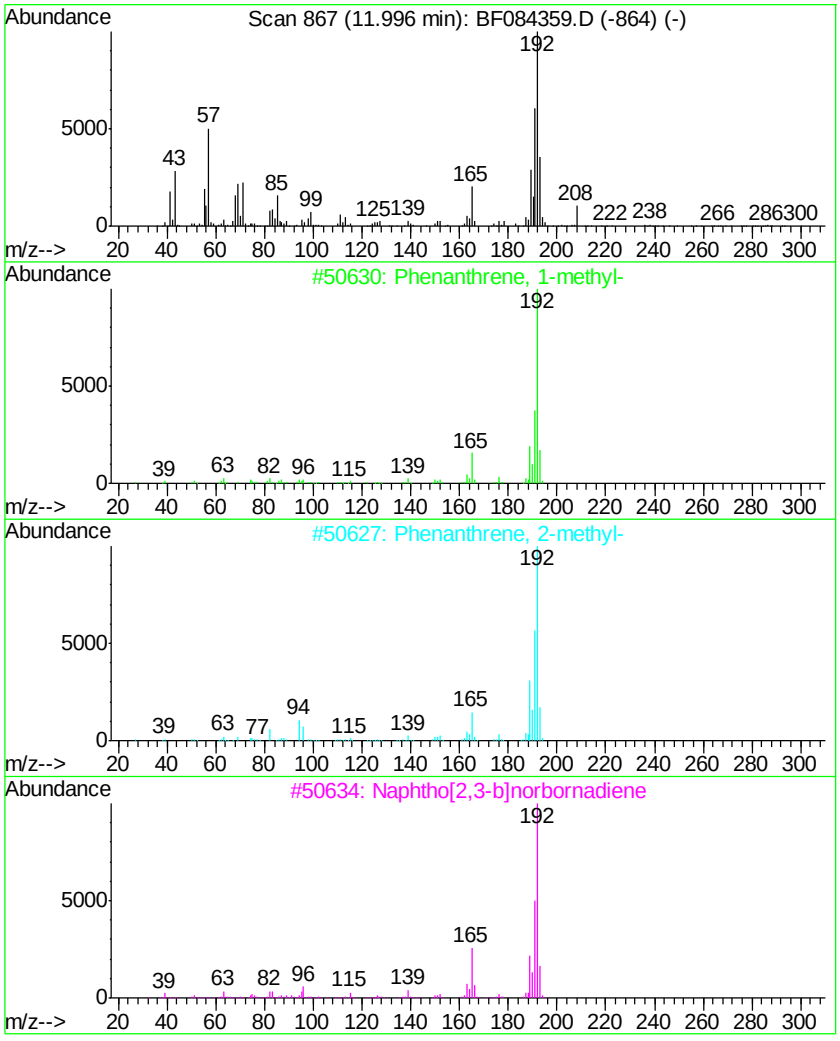
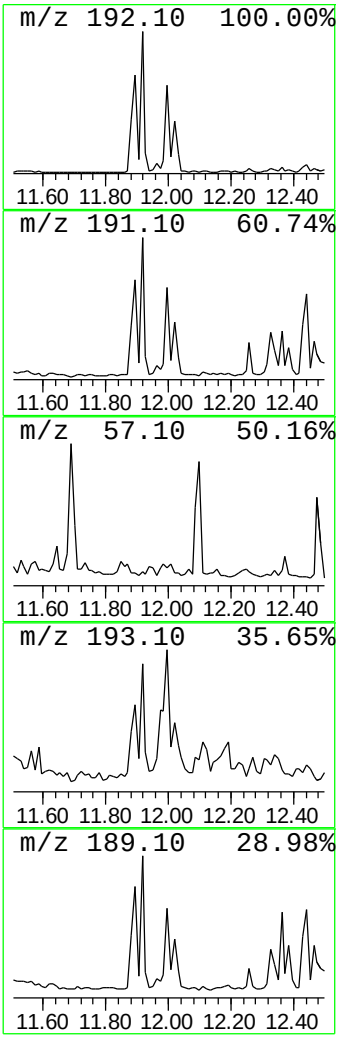
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	17.72 ng	2735430	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





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Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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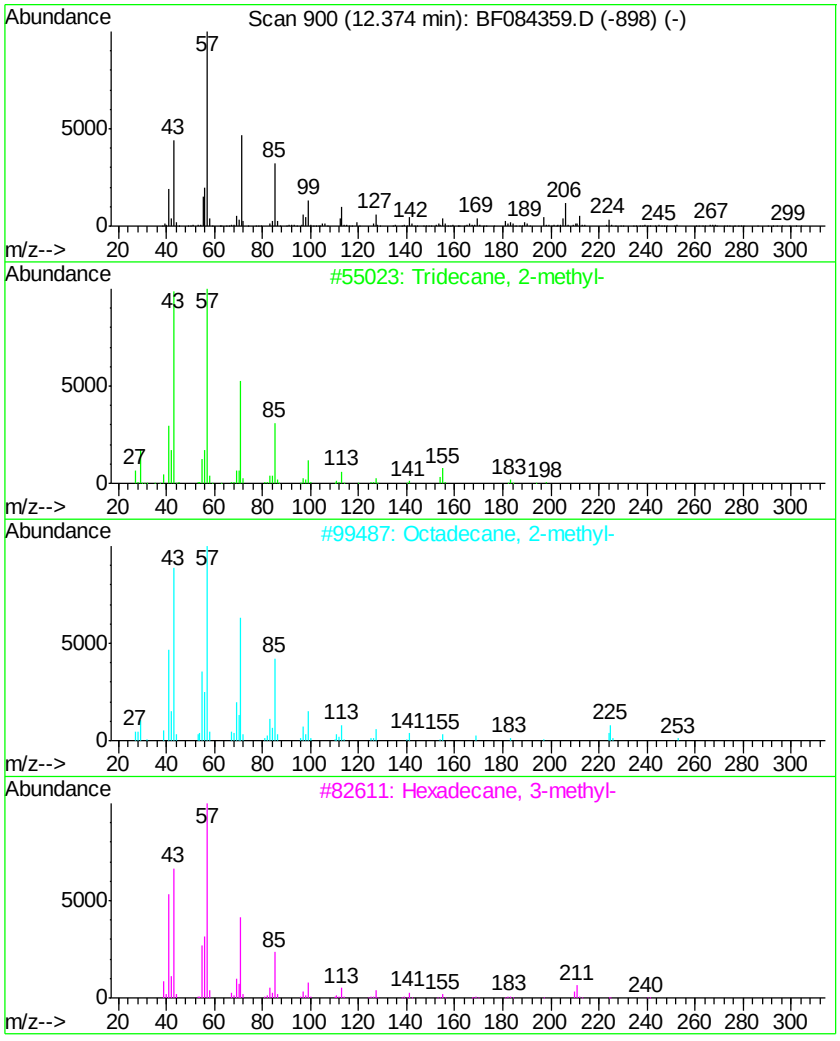
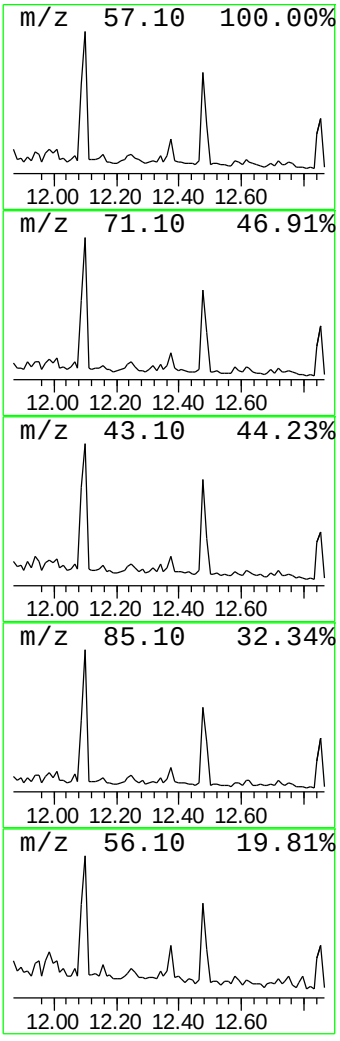
Peak Number 18 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	15.64 ng	2413070	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	70
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
5	Pentadecane	212	C15H32	000629-62-9	64





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Acq On : 10 Jan 2016 12:34
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Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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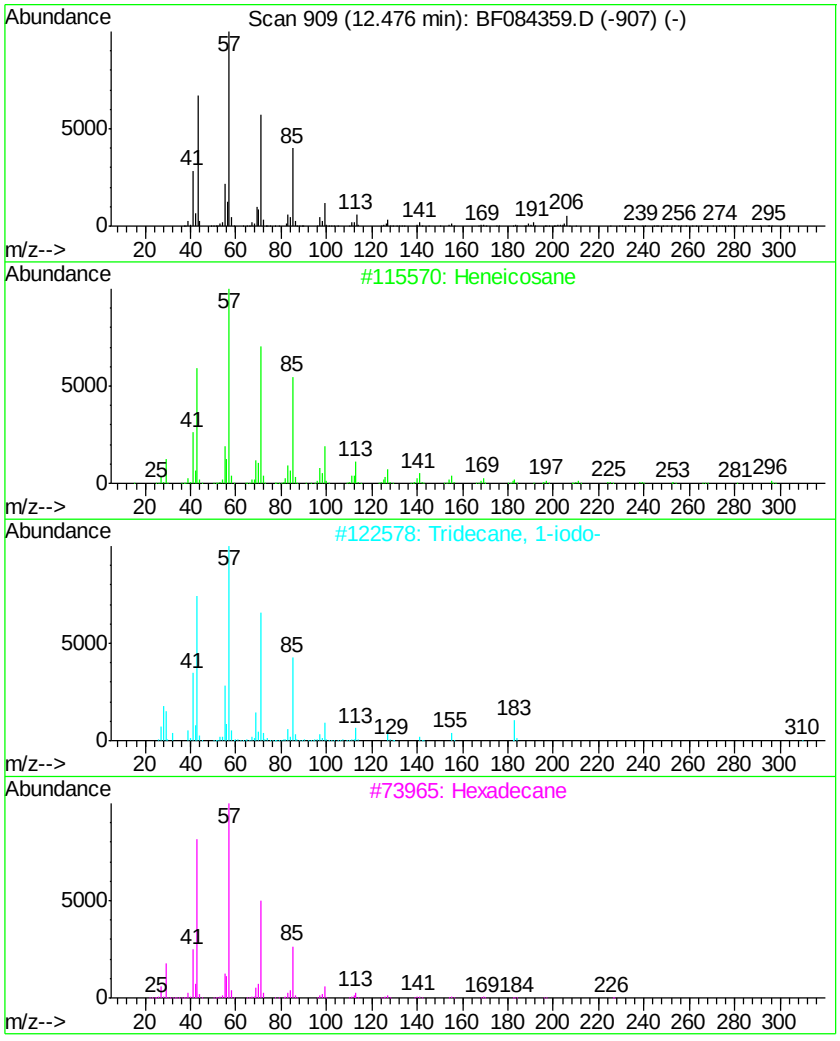
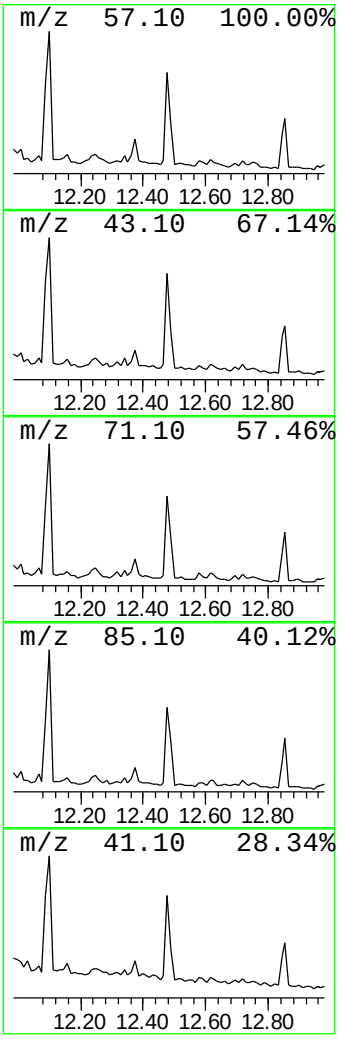
Peak Number 19 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	32.99 ng	5091020	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





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Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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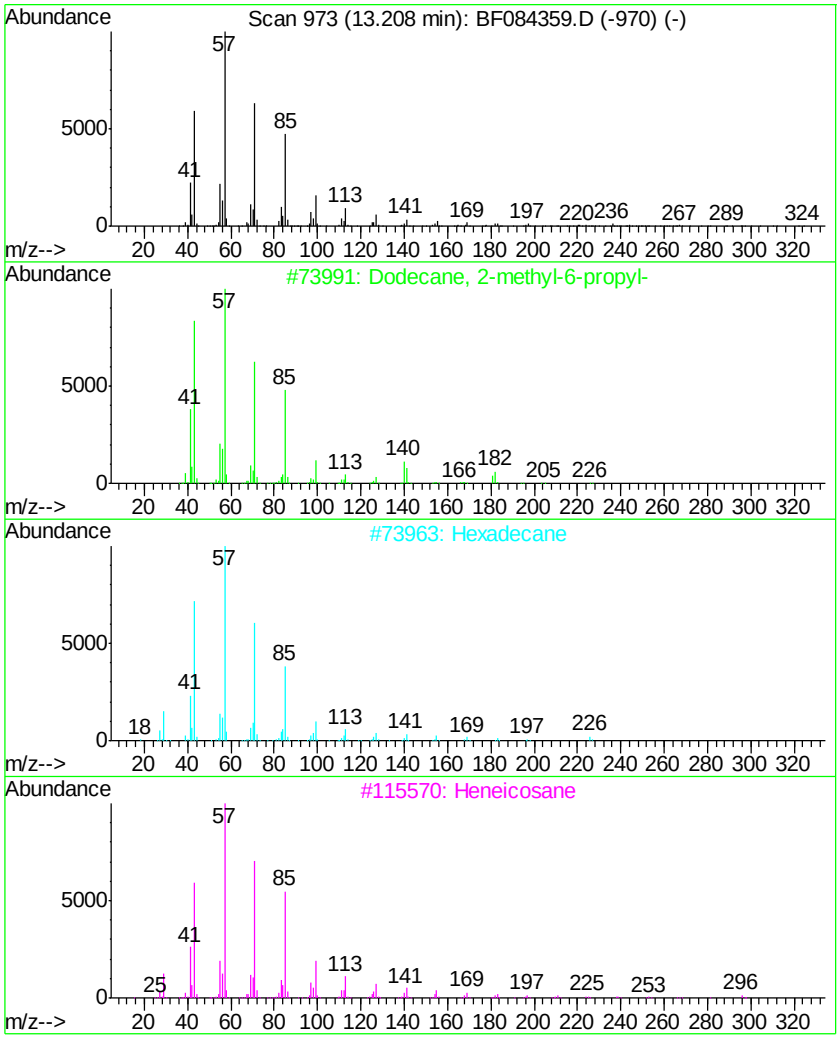
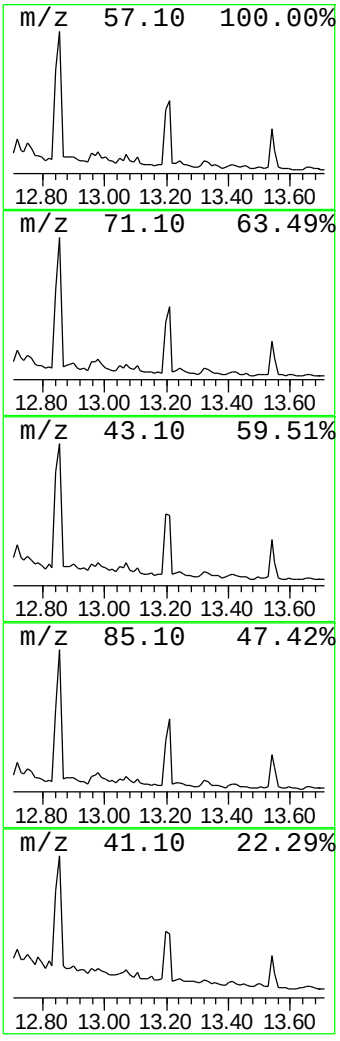
Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	20.62 ng	1751390	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084359.D
Acq On : 10 Jan 2016 12:34
Operator : SJ/UM
Sample : H1043-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
unknown6.62	6.62	39.4	ng	3524630	1	6.85	1789100	20.0
Tridecane	8.74	20.2	ng	5294010	2	8.14	5240050	20.0
Tetradecane	9.31	45.2	ng	9545580	3	9.90	4225180	20.0
Naphthalene, 2,3-...	9.56	28.3	ng	5980330	3	9.90	4225180	20.0
Eicosane	9.85	45.1	ng	9529290	3	9.90	4225180	20.0
unknown10.06	10.06	16.9	ng	3562380	3	9.90	4225180	20.0
Undecane, 2,10-di...	10.16	18.6	ng	3933020	3	9.90	4225180	20.0
Hexadecane	10.34	54.2	ng	11443800	3	9.90	4225180	20.0
1,1'-Biphenyl, 2,...	11.04	16.1	ng	2476260	4	11.39	3086620	20.0
Heptadecane	11.26	49.9	ng	7694310	4	11.39	3086620	20.0
Hexadecane, 2,6,1...	11.30	39.8	ng	6143430	4	11.39	3086620	20.0
Phenanthrene, 1-m...	12.00	17.7	ng	2735430	4	11.39	3086620	20.0
Tridecane, 2-methyl-	12.37	15.6	ng	2413070	4	11.39	3086620	20.0
Heneicosane	12.48	33.0	ng	5091020	4	11.39	3086620	20.0
Dodecane, 2-methy...	13.21	20.6	ng	1751390	5	14.02	1698590	20.0