LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

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-BF030316.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	5.167	250	252	256	rVV	199464	238408	16.58%	0.665%
2	5.567	285	287	290	rBV	598354	824725	57.36%	2.301%
3	5.739	301	302	305	rBV	30523	51885	3.61%	0.145%
4	6.002	322	325	327	rBV2	51753	80002	5.56%	0.223%
5	6.047	327	329	332	rBV3	29999	56576	3.94%	0.158%
6	6.139	332	337	339	rVB2	71106	117740	8.19%	0.328%
7	6.230	342	345	348	rBV3	171713	274785	19.11%	0.767%
8	6.344	354	355	359	rVB2	39570	54468	3.79%	0.152%
9	6.413	359	361	364	rBV2	65452	135963	9.46%	0.379%
10	6.482	364	367	368	rVB2	86664	122173	8.50%	0.341%
11	6.516	368	370	374	rBV	210226	309790	21.55%	0.864%
12	6.596	374	377	379	rVB	746542	881365	61.30%	2.459%
13	6.687	383	385	386	rBV	43212	52254	3.63%	0.146%
14	6.745	386	390	392	rBV	950038	1096388	76.26%	3.059%
15	6.836	395	398	400	rVB3	51067	95105	6.61%	0.265%
16	6.939	402	407	409	rBV3	59035	165080	11.48%	0.461%
17	6.985	409	411	414	rVB2	707862	1092667	76.00%	3.048%
18	7.042	414	416	417	rVB	49586	51930	3.61%	0.145%
19	7.099	417	421	422	rBV3	59534	128145	8.91%	0.358%
20	7.133	422	424	428	rVB	1096923	1065753	74.13%	2.973%
21	7.213	428	431	432	rBV2	47729	71033	4.94%	0.198%
22	7.259	432	435	436	rVB	183183	227578	15.83%	0.635%
23	7.282	436	437	439	rBV2	41606	71529	4.98%	0.200%
24	7.373	442	445	447	rBV3	83992	153322	10.66%	0.428%
25	7.407	447	448	451	rVB3	64578	73152	5.09%	0.204%
26	7.533	454	459	465	rVB	644138	1070230	74.44%	2.986%
27	7.625	465	467	469	rBV2	140472	214998	14.95%	0.600%
28	7.682	469	472	474	rBV2	93404	231626	16.11%	0.646%
29	7.762	474	479	480	rBV3	139005	214899	14.95%	0.600%
30	7.785	480	481	483	rVB2	77542	95454	6.64%	0.266%
31	7.910	486	492	493	rBV3	155251	312584	21.74%	0.872%
32	7.945	493	495	497	rVB2	86079	107422	7.47%	0.300%
33	8.002	499	500	504	rBV4	124629	202987	14.12%	0.566%
34	8.082	506	507	510	rBV3	83418	106789	7.43%	0.298%

LSC Area Percent Report

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Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.139	510	512	514	rBV2	90526	142971	9.94%	0.399%
36	8.219	516	519	520	rBV2	76333	137527	9.57%	0.384%
37	8.265	520	523	526	rVB	1363414	1295594	90.11%	3.615%
38	8.322	526	528	530	rVB2	378248	427553	29.74%	1.193%
39	8.356	530	531	535	rVB4	174811	218309	15.18%	0.609%
40	8.448	535	539	540	rBV4	90593	248173	17.26%	0.692%
41	8.470	540	541	542	rVB	184080	126187	8.78%	0.352%
42	8.562	545	549	552	rBV5	223459	398282	27.70%	1.111%
43	8.608	552	553	555	rBV2	52591	73795	5.13%	0.206%
44	8.642	555	556	558	rVB2	116431	153466	10.67%	0.428%
45	8.688	558	560	561	rBV	568044	482190	33.54%	1.345%
46	8.710	561	562	566	rVB3	171861	255104	17.74%	0.712%
47	8.768	566	567	569	rBV2	151015	204278	14.21%	0.570%
48	8.813	569	571	573	rBV3	159952	214656	14.93%	0.599%
49	8.870	573	576	577	rBV3	49171	101466	7.06%	0.283%
50	8.950	582	583	586	rVB2	222009	232175	16.15%	0.648%
51	9.019	587	589	590	rBV2	95140	104996	7.30%	0.293%
52	9.042	590	591	592	rBV	89780	115435	8.03%	0.322%
53	9.179	598	603	604	rBV5	133226	332876	23.15%	0.929%
54	9.213	604	606	608	rVV3	74468	100791	7.01%	0.281%
55	9.259	608	610	611	rVV2	163004	153506	10.68%	0.428%
56	9.282	611	612	615	rVV2	497108	603448	41.97%	1.684%
57	9.339	615	617	619	rVV	1467820	1197132	83.26%	3.340%
58	9.430	622	625	627	rBV2	308095	523695	36.42%	1.461%
59	9.488	627	630	632	rVV3	123741	315561	21.95%	0.880%
60	9.533	632	634	636	rVV2	154493	211581	14.72%	0.590%
61	9.602	638	640	642	rVV2	277774	381791	26.55%	1.065%
62	9.682	642	647	650	rVV3	263153	716597	49.84%	1.999%
63	9.739	650	652	654	rVV3	845974	1067897	74.28%	2.979%
64	9.796	656	657	659	rVV	218218	212422	14.77%	0.593%
65	9.842	659	661	662	rVV	104000	111528	7.76%	0.311%
66	9.888	662	665	667	rVV3	184305	275649	19.17%	0.769%
67	9.933	667	669	671	rVV	295482	287516	20.00%	0.802%
68	10.025	673	677	679	rVV	1102338	1437752	100.00%	4.011%
69	10.059	679	680	684	rVB4	184521	324430	22.57%	0.905%
70	10.128	684	686	688	rVB	226160	297601	20.70%	0.830%
71	10.162	688	689	692	rBV3	98363	227051	15.79%	0.633%

LSC Area Percent Report

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Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.219	692	694	696	rVB2	259356	319510	22.22%	0.891%
73	10.276	696	699	703	rVB4	239246	549195	38.20%	1.532%
74	10.333	703	704	706	rBV2	225379	344332	23.95%	0.961%
75	10.425	710	712	715	rVB3	196231	369475	25.70%	1.031%
76	10.482	715	717	718	rBV	125938	173099	12.04%	0.483%
77	10.505	718	719	722	rVB3	127266	179042	12.45%	0.499%
78	10.562	722	724	729	rBV5	186801	507682	35.31%	1.416%
79	10.676	731	734	736	rVB2	264911	463138	32.21%	1.292%
80	10.722	736	738	740	rVB2	146262	212037	14.75%	0.592%
81	10.802	743	745	747	rVV3	217693	275388	19.15%	0.768%
82	10.939	754	757	758	rBV	1196501	1242504	86.42%	3.466%
83	11.008	761	763	765	rBV3	158405	228548	15.90%	0.638%
84	11.111	770	772	773	rVV	122795	163283	11.36%	0.456%
85	11.145	773	775	779	rVB4	217554	341761	23.77%	0.953%
86	11.259	783	785	788	rBV4	129273	238993	16.62%	0.667%
87	11.396	795	797	801	rVB	679366	904561	62.91%	2.524%
88	11.511	805	807	808	rBV	888054	977290	67.97%	2.726%
89	11.751	826	828	830	rBV2	286998	327055	22.75%	0.912%
90	12.116	858	860	861	rBV	211582	170585	11.86%	0.476%
91	12.242	869	871	872	rVB2	121887	114680	7.98%	0.320%
92	12.437	886	888	890	rBV2	163924	206369	14.35%	0.576%
93	12.562	896	899	900	rBV	182284	259159	18.03%	0.723%
94	12.905	927	929	931	rVB2	336893	340238	23.66%	0.949%
95	13.088	943	945	947	rBV	826717	730083	50.78%	2.037%
96	13.534	982	984	986	rVB2	182394	214912	14.95%	0.600%
97	13.614	989	991	993	rVV	217843	174648	12.15%	0.487%
98	14.140	1035	1037	1040	rBV	691762	857212	59.62%	2.391%
99	15.625	1164	1167	1172	rVB	571309	910843	63.35%	2.541%
100	16.780	1266	1268	1274	rVB	132278	288843	20.09%	0.806%

Sum of corrected areas: 35844251

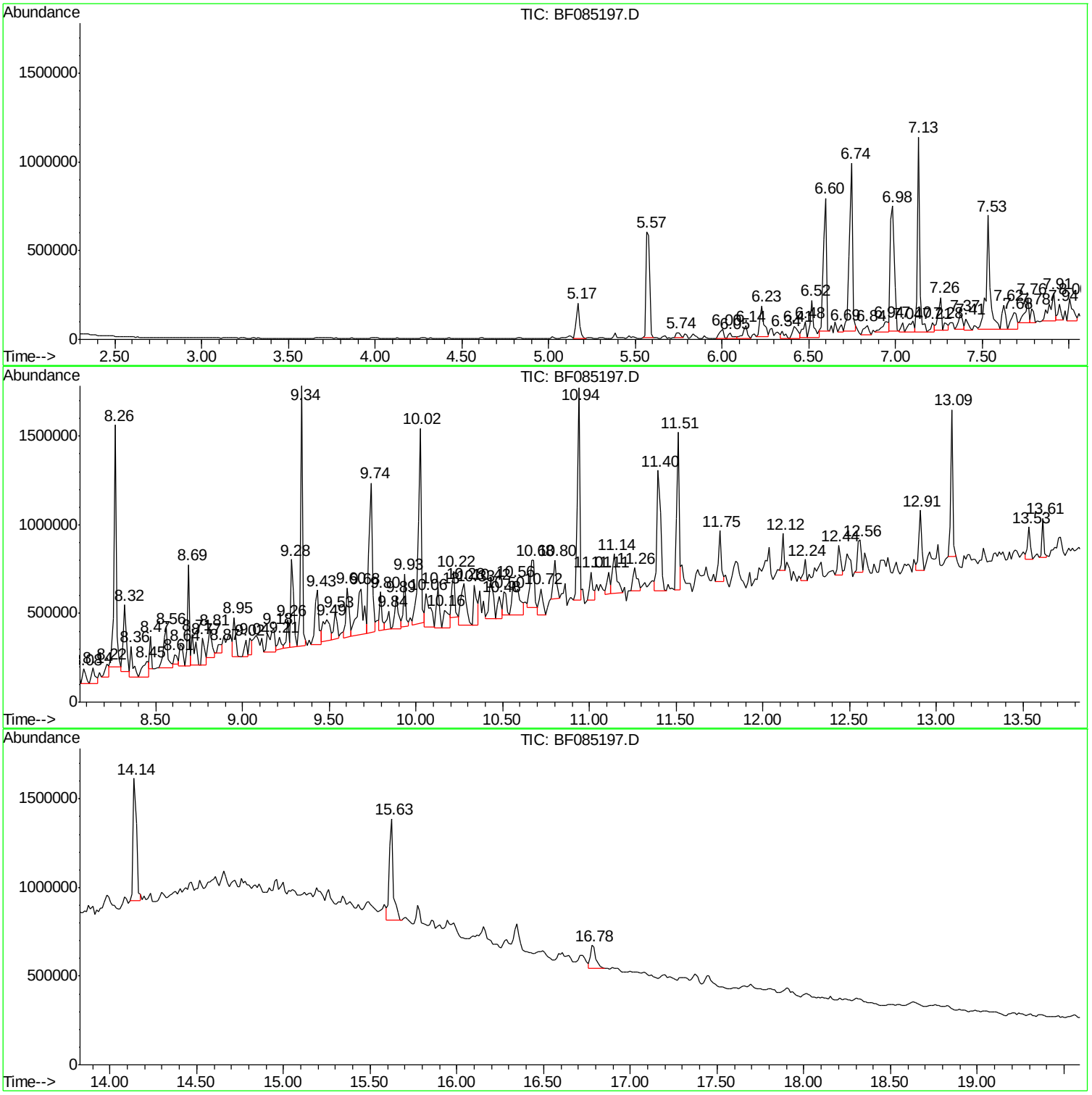
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

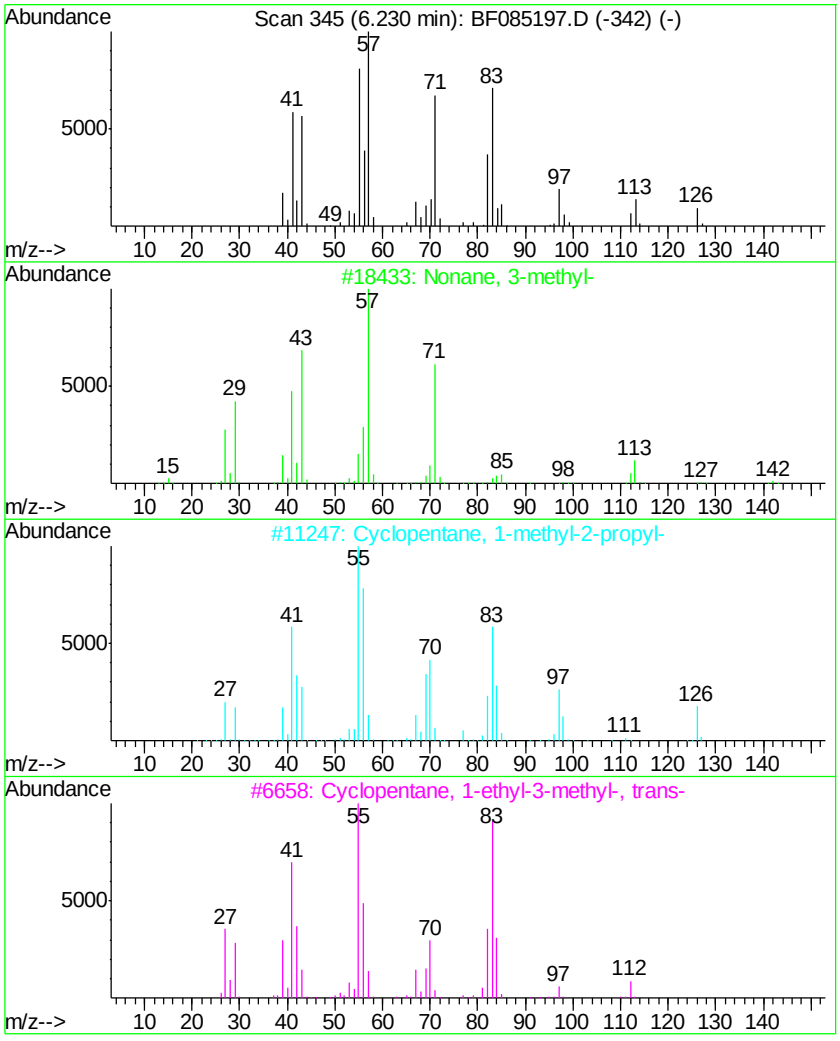
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

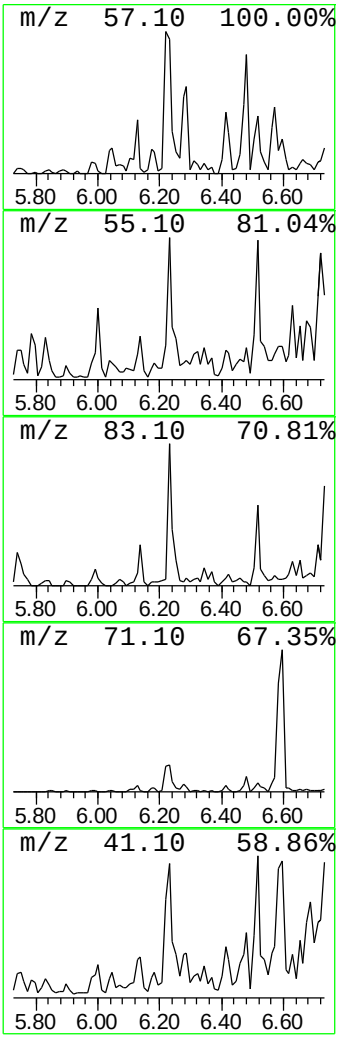
****

Peak Number 1 unknown6.23 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	5.03 ng	274785	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	43
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	43
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Oxirane, pentyl-	114	C7H14O	005063-65-0	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

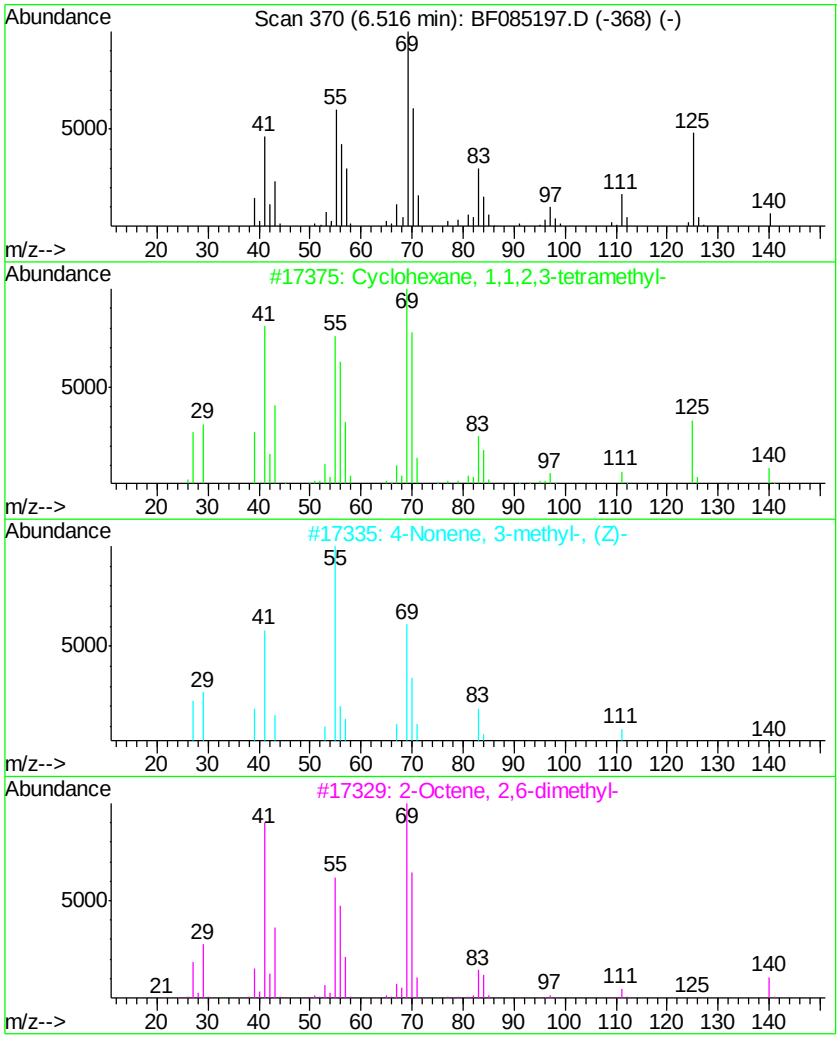
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

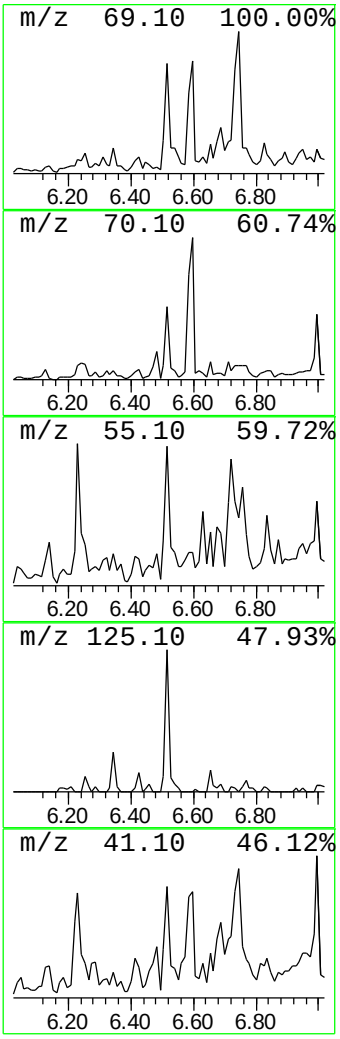
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	5.67 ng	309790	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	68
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	68
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	62
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	43





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Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

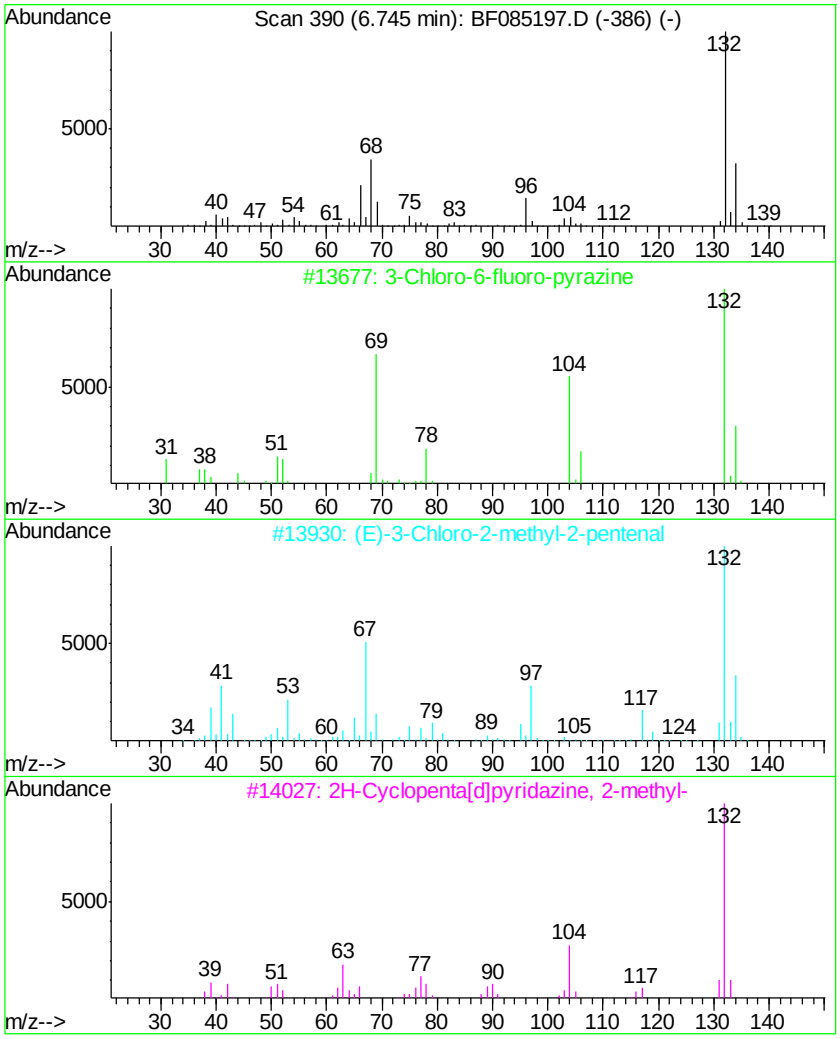
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

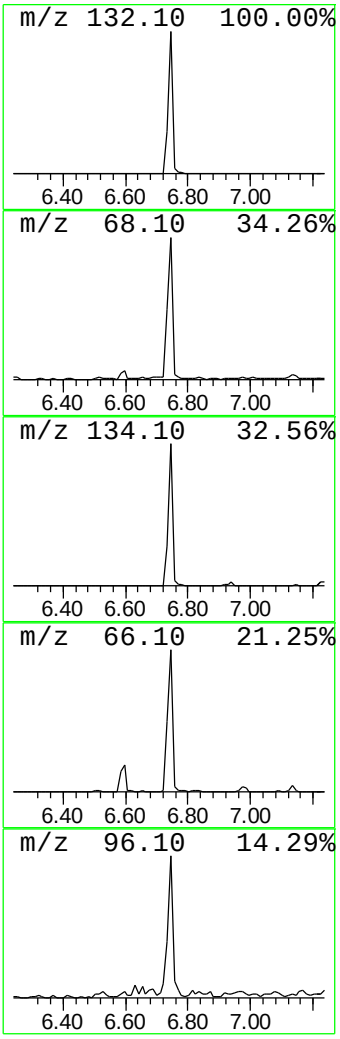
****

Peak Number 3 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	20.07 ng	1096390	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

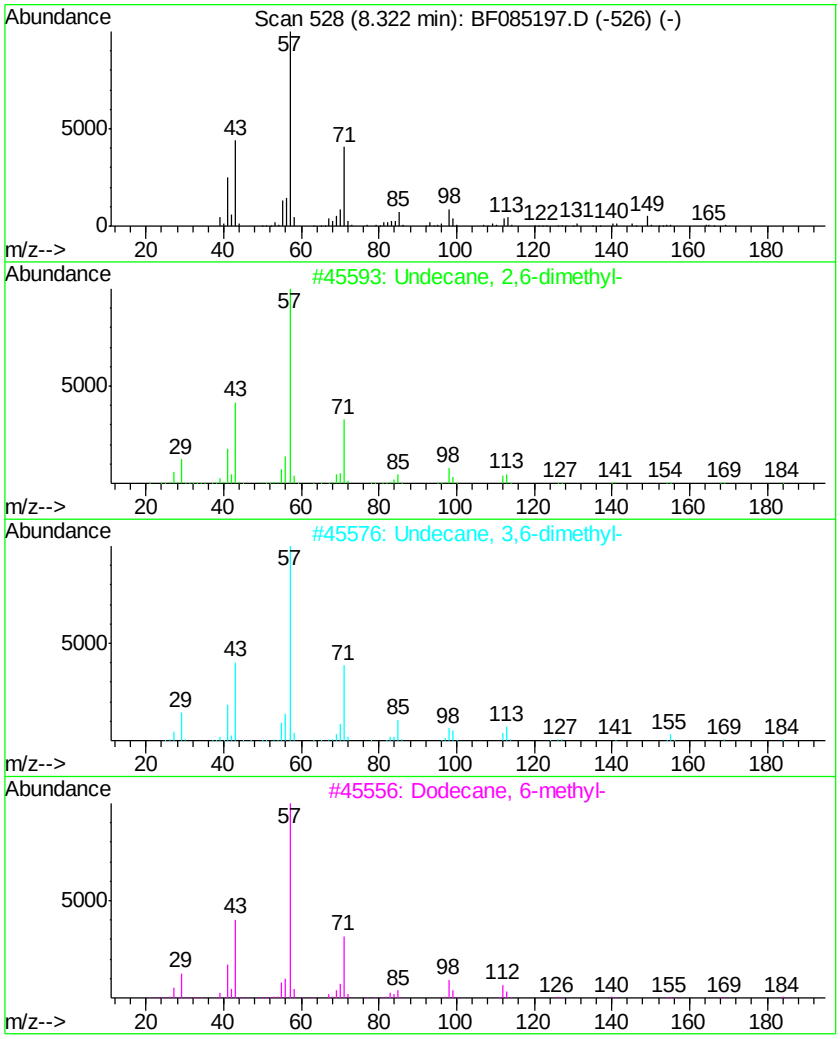
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

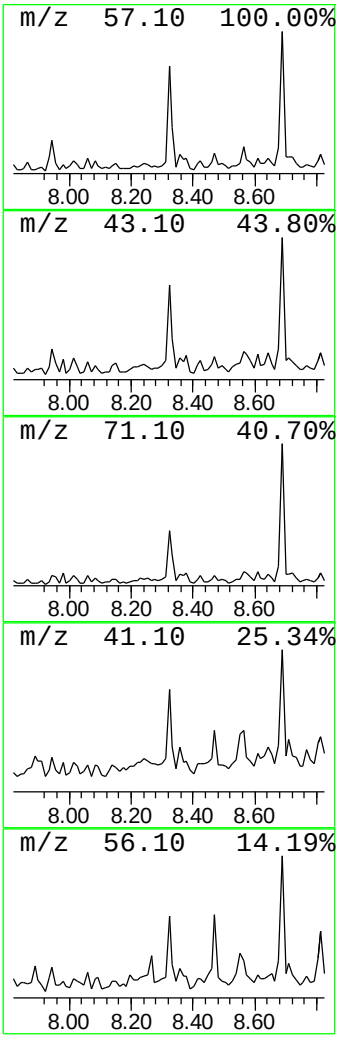
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	6.60 ng	427553	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

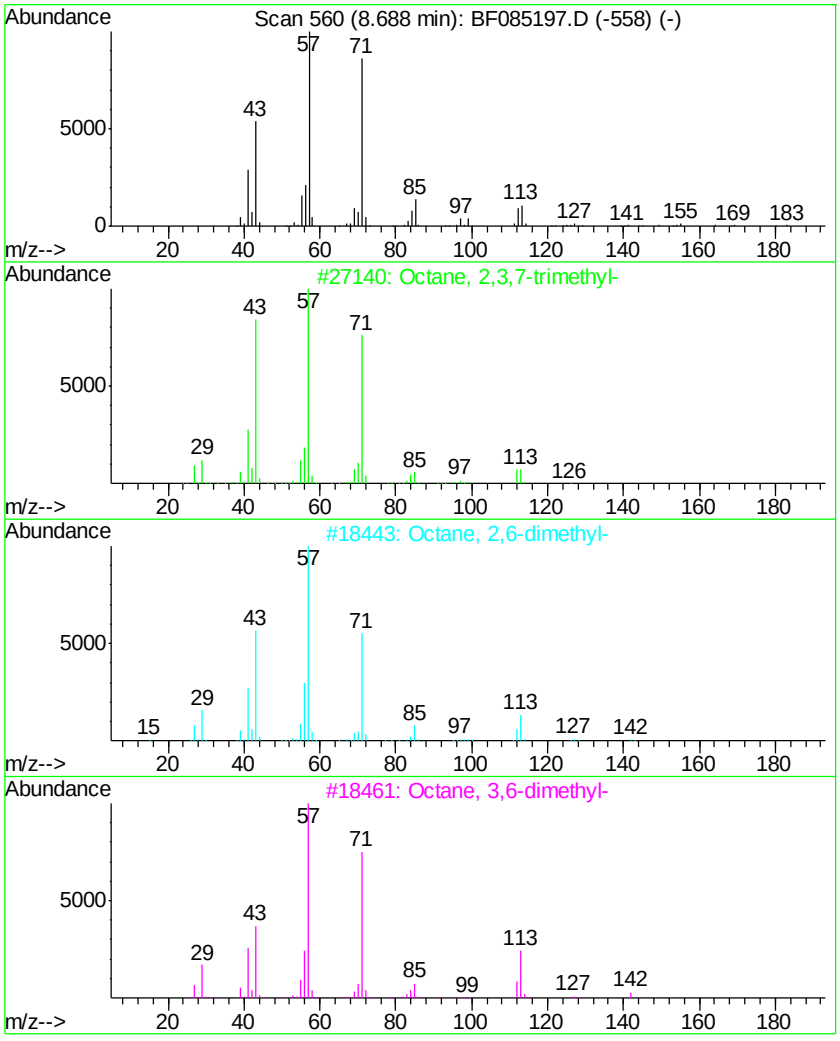
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

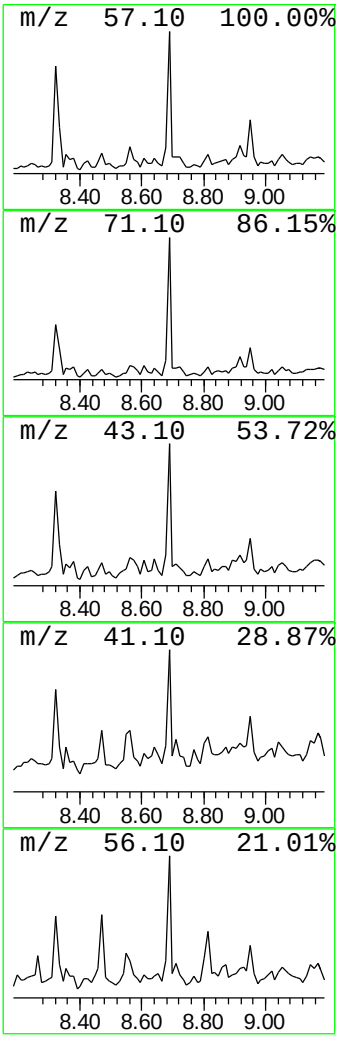
****

Peak Number 7 Octane, 2,3,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	7.44 ng	482190	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

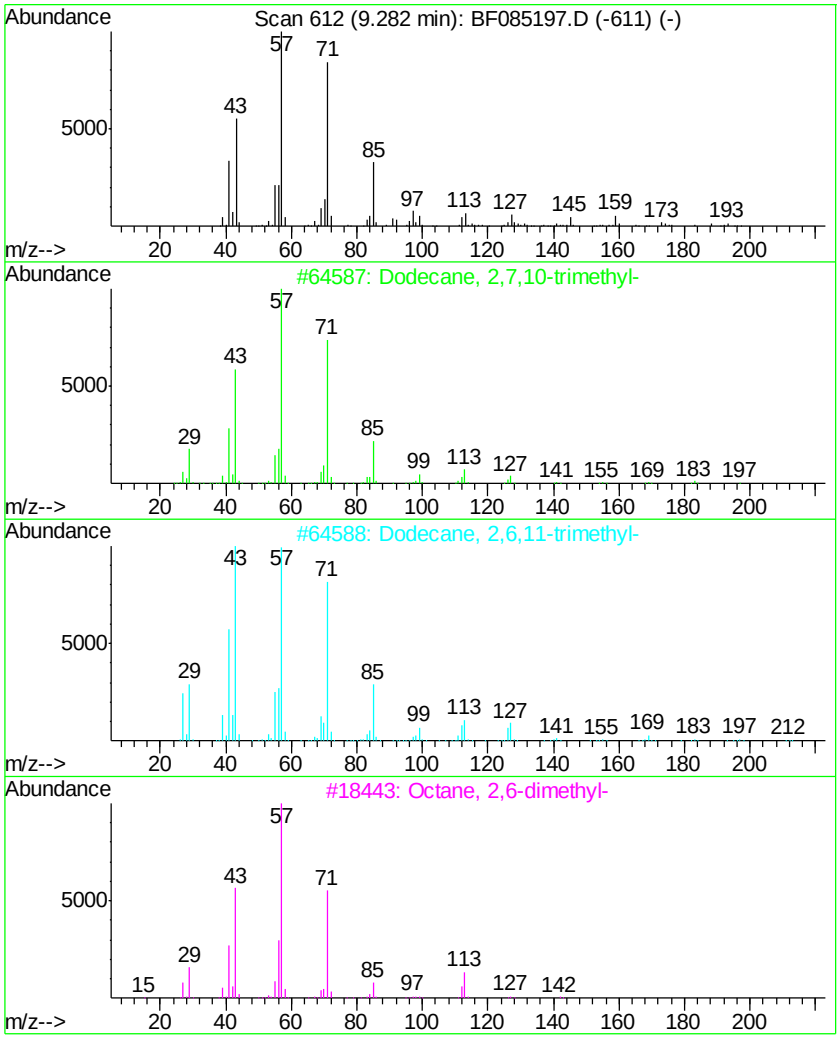
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

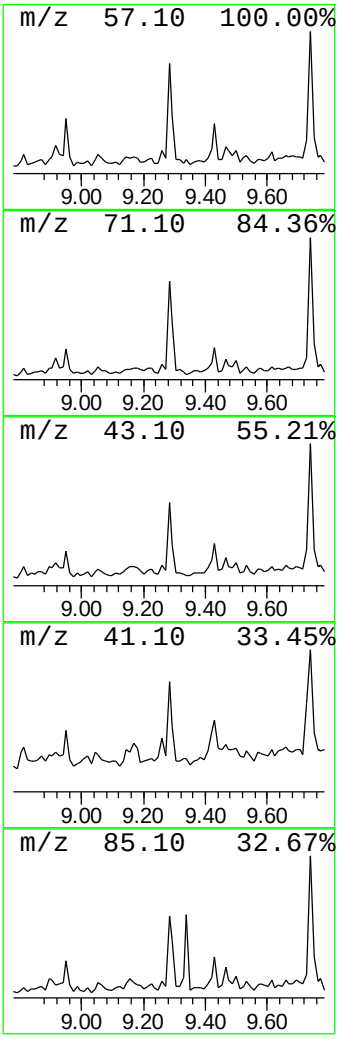
****

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	8.39 ng	603448	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





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Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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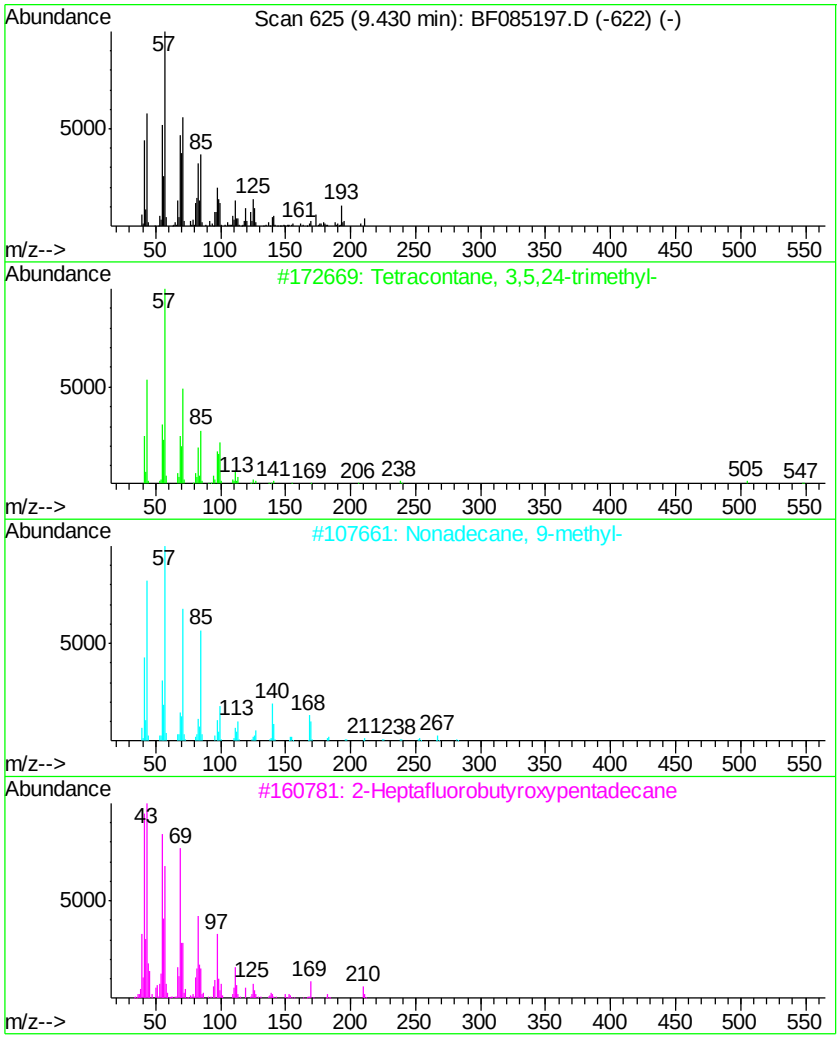
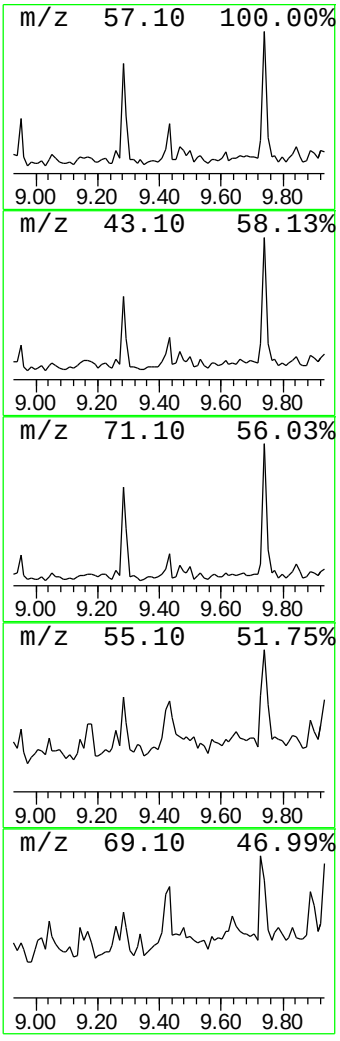
Peak Number 9 Tetracontane, 3,5,24-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	7.28 ng	523695	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	58
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
3	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	38
4	1-Hexacosanol	382	C26H54O	000506-52-5	38
5	1-Tetracosanol	354	C24H50O	000506-51-4	38





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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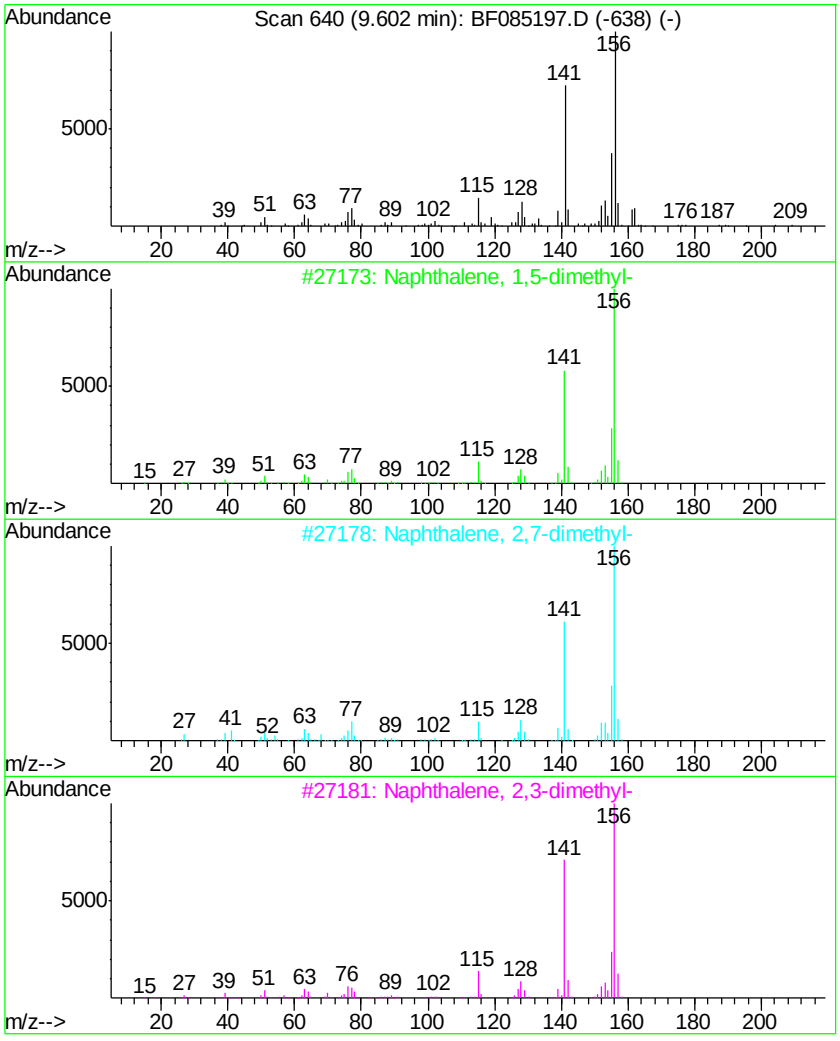
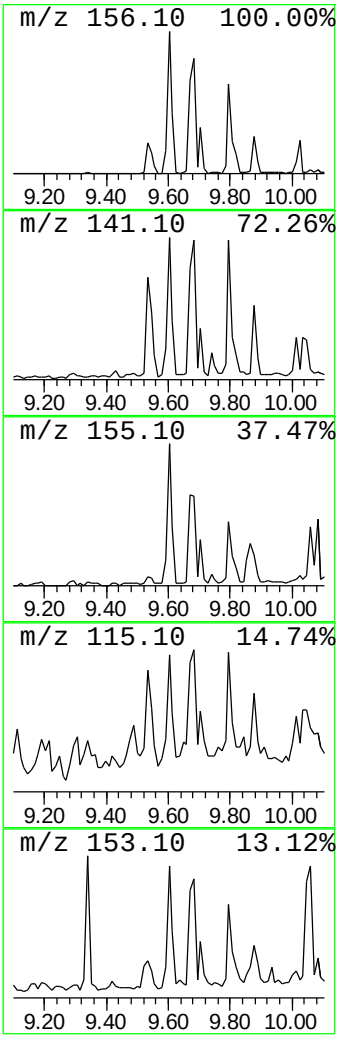
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	5.31 ng	381791	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Misc :
ALS Vial : 41 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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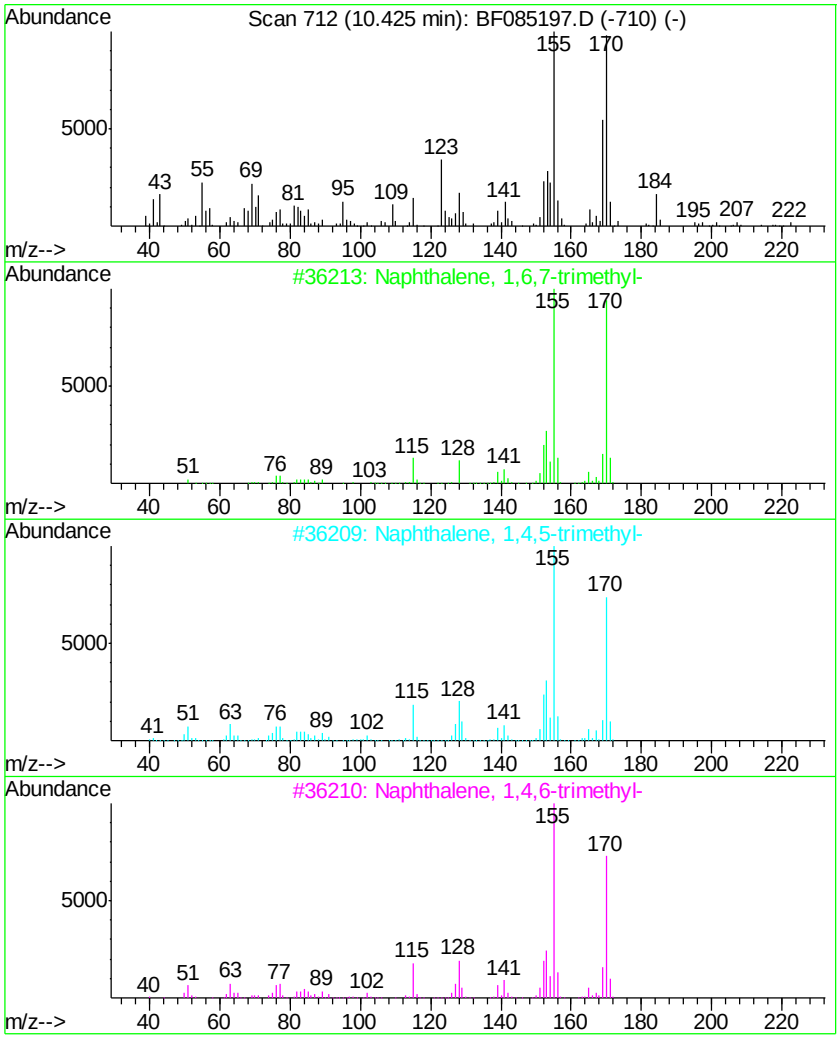
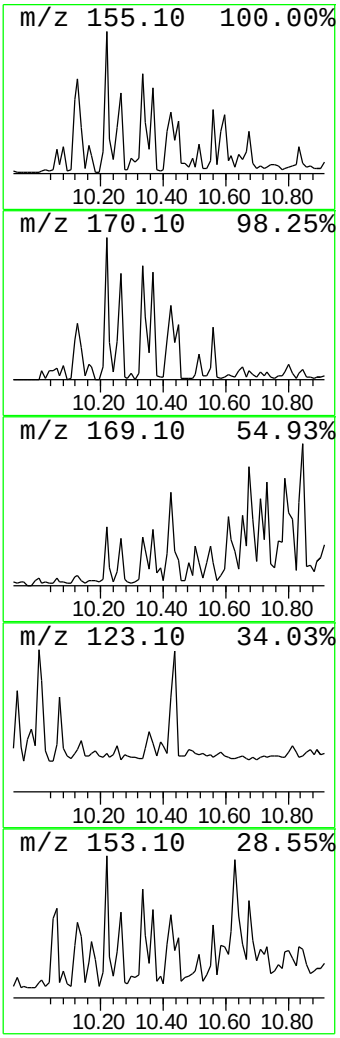
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	5.14 ng	369475	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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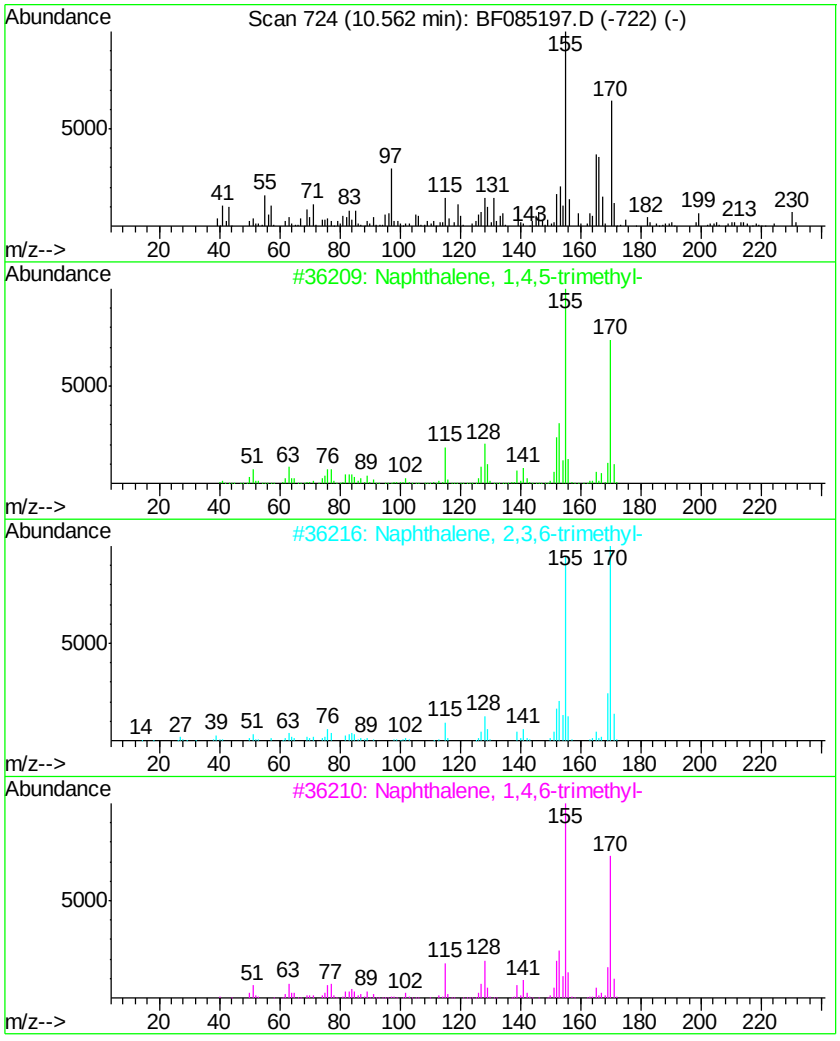
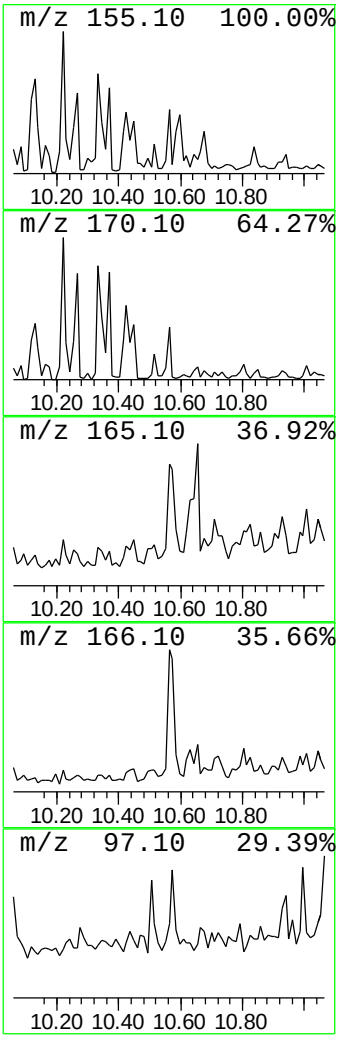
Peak Number 13 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.06 ng	507682	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	52





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Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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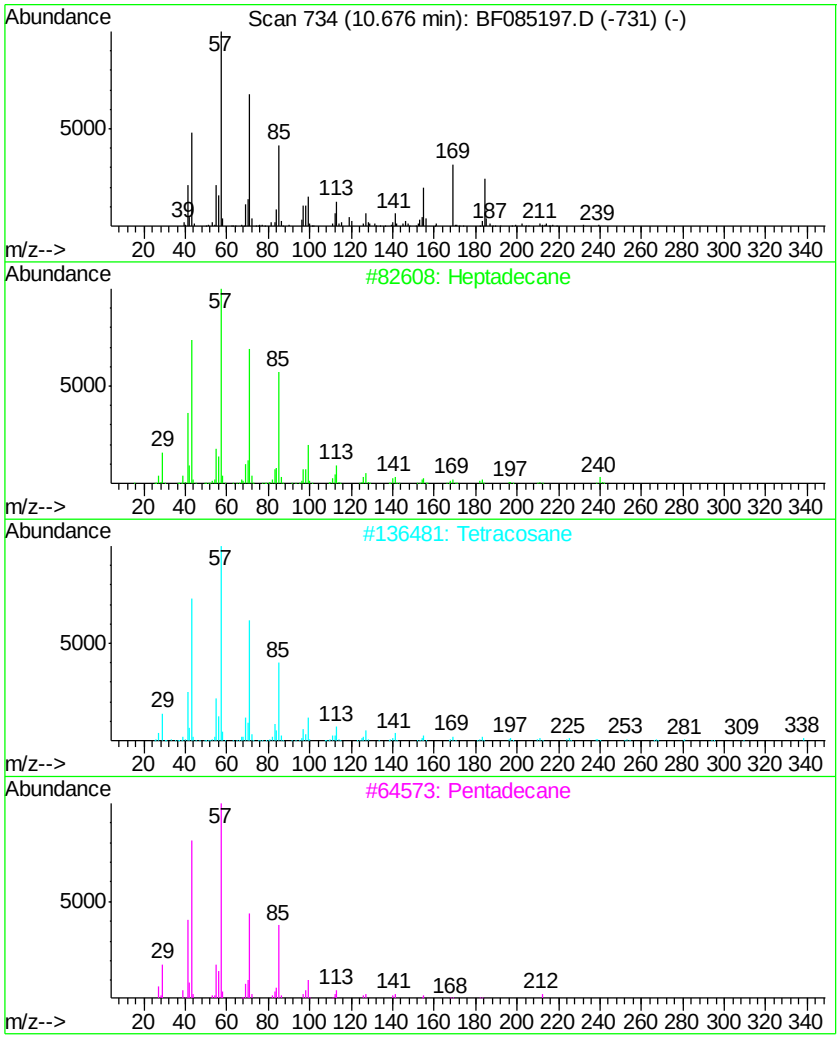
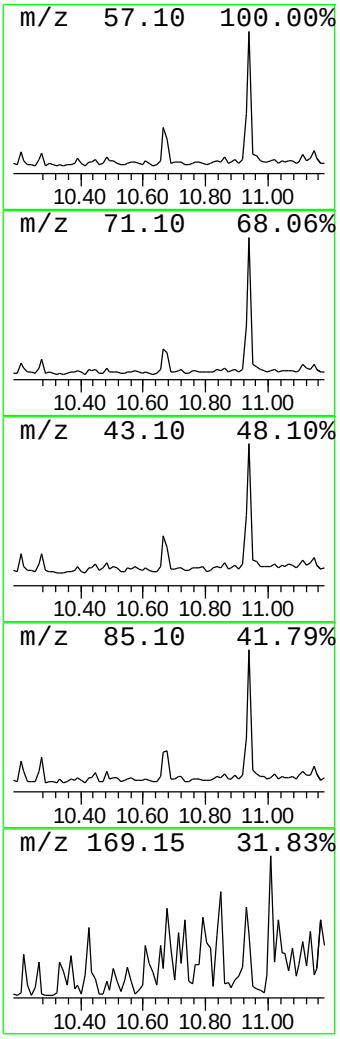
Peak Number 14 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	6.44 ng	463138	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	58
2	Tetracosane	338	C24H50	000646-31-1	53
3	Pentadecane	212	C15H32	000629-62-9	53
4	Hexadecane	226	C16H34	000544-76-3	53
5	Tetratriacontane	479	C34H70	014167-59-0	52





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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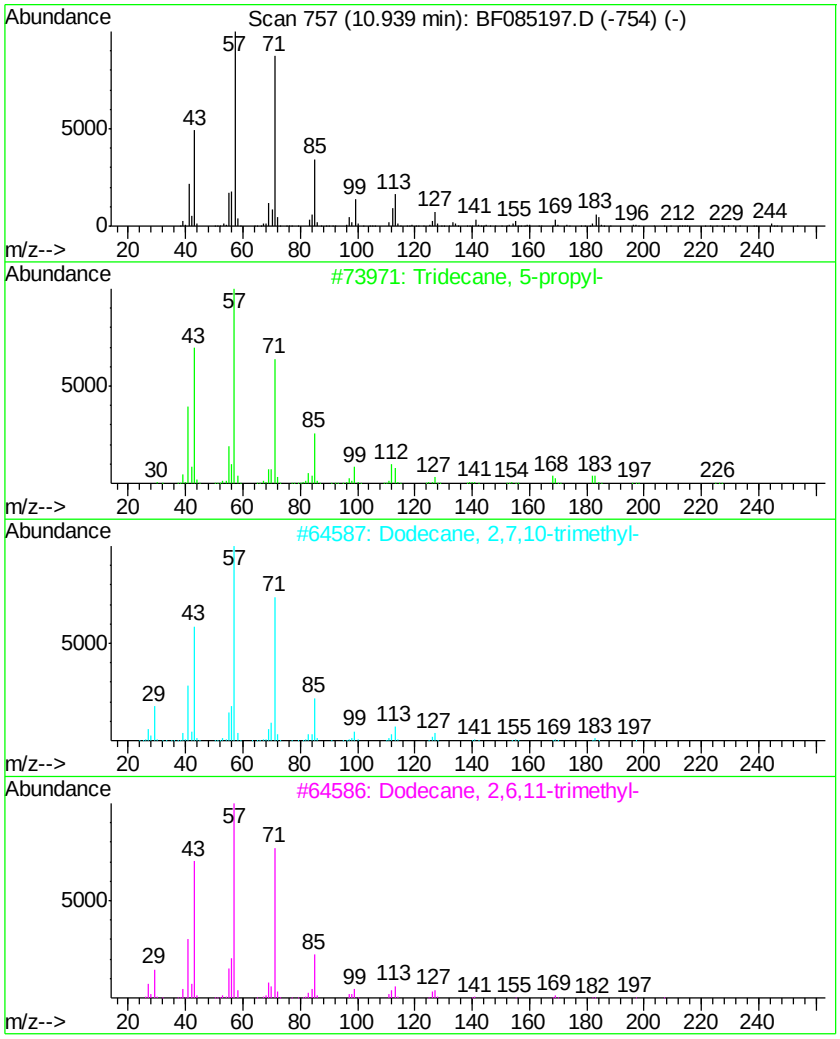
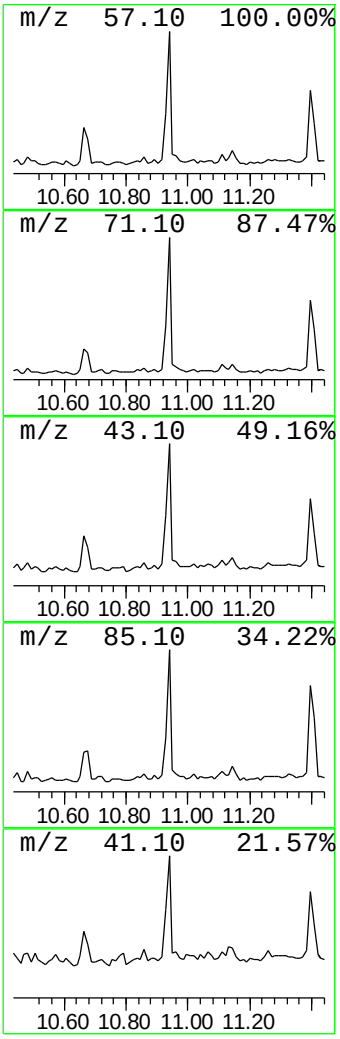
Peak Number 15 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	25.43 ng	1242500	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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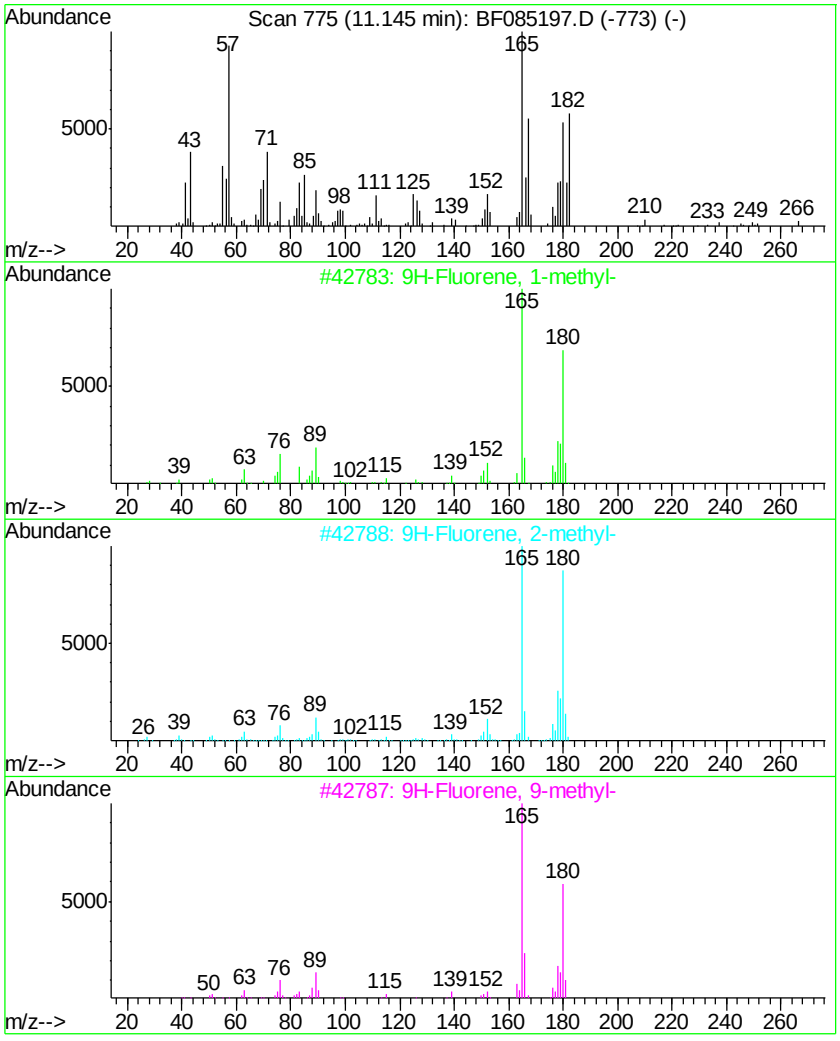
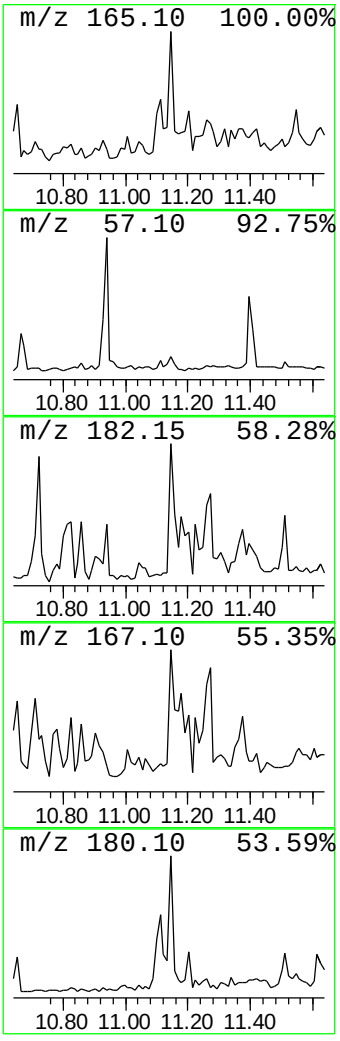
Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	6.99 ng	341761	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41
4	4',6'-Dihydroxy-2',3'-dimethylac...	180	C10H12O3	007743-14-8	30
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	30





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Sample : H1663-01 5X
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ClientSampleId : SB-44(9-11)

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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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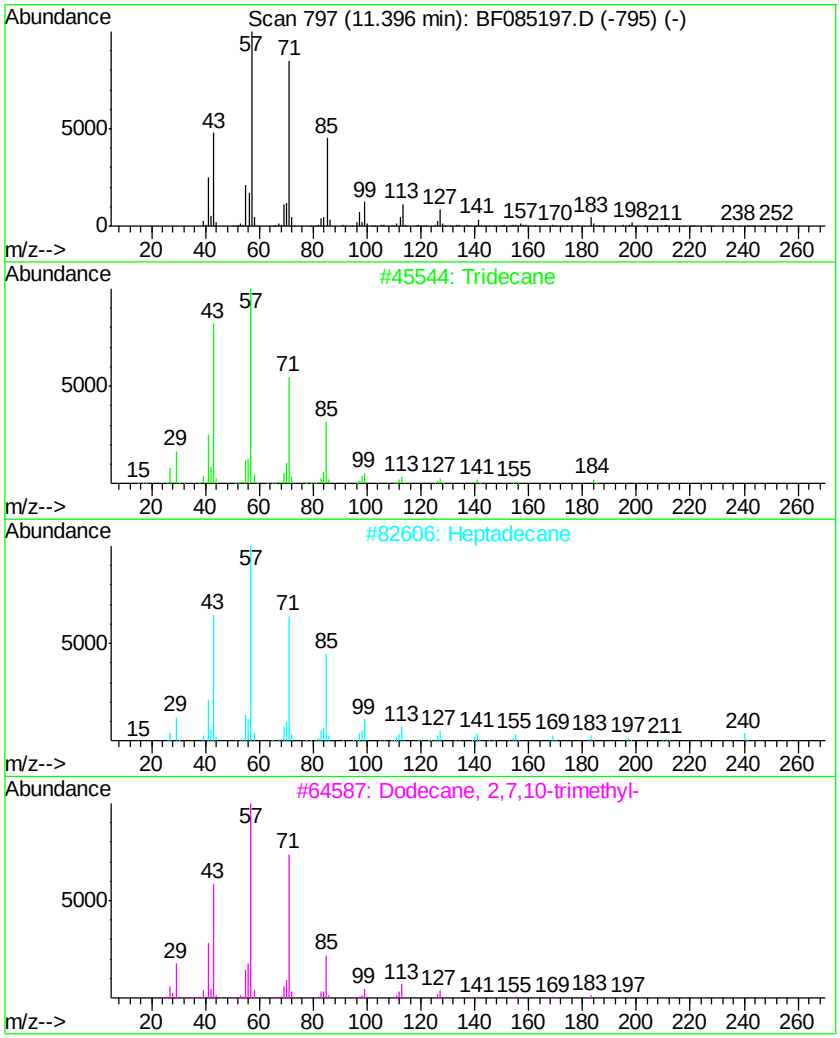
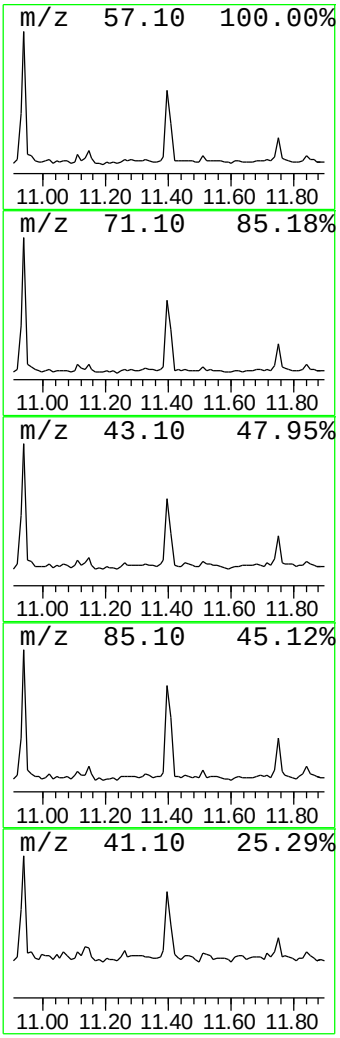
Peak Number 17 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	18.51 ng	904561	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane	240	C17H36	000629-78-7	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	70
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

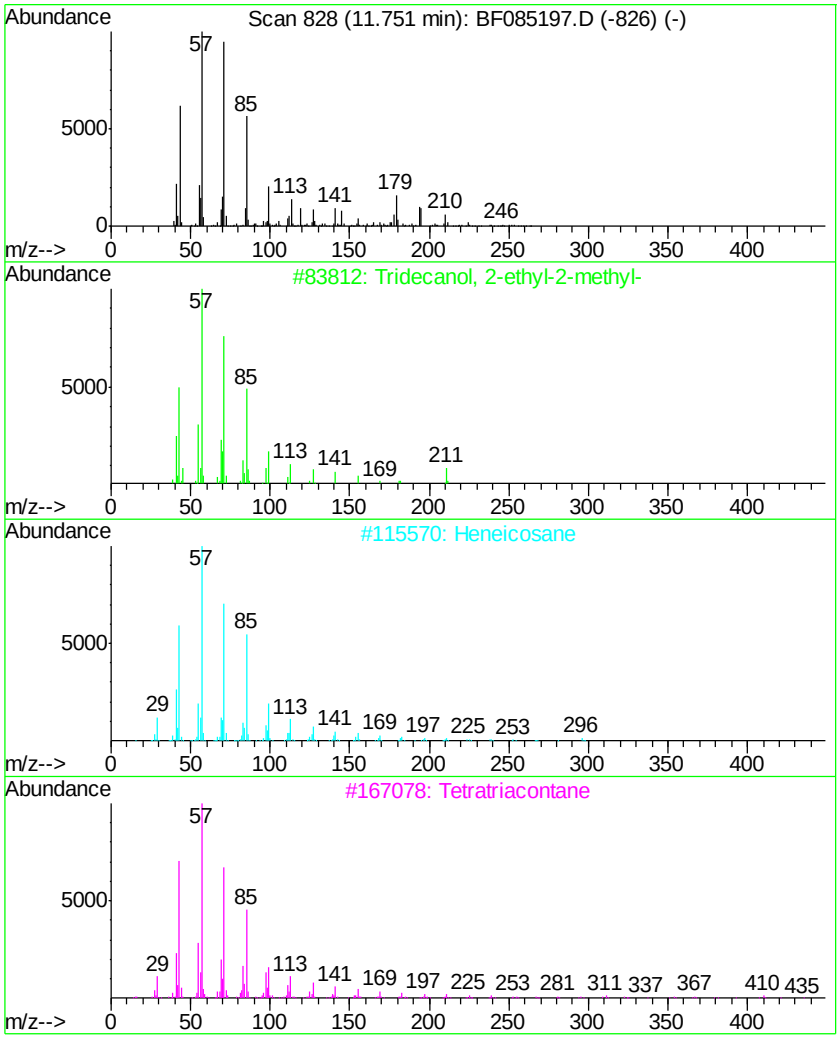
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

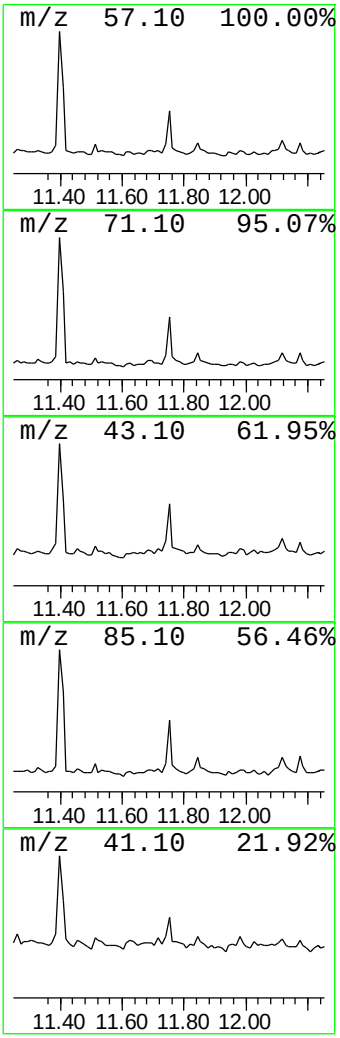
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.69 ng	327055	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	64
2	Heneicosane	296	C21H44	000629-94-7	64
3	Tetratriacontane	479	C34H70	014167-59-0	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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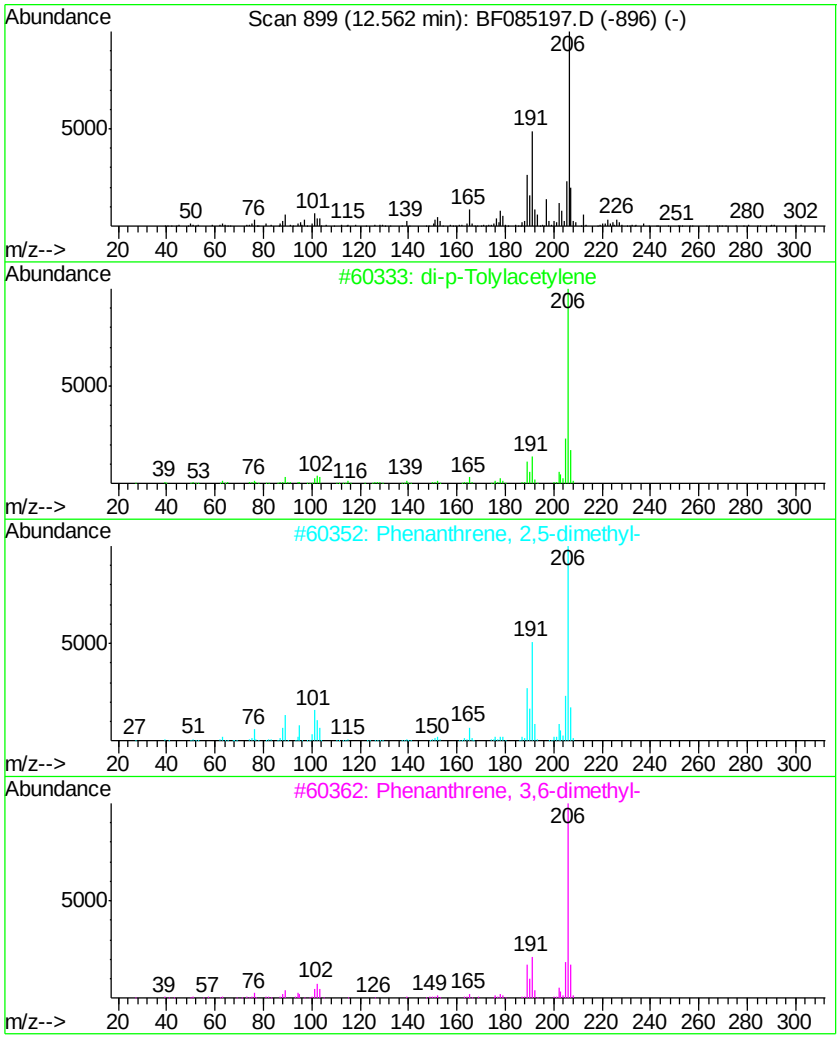
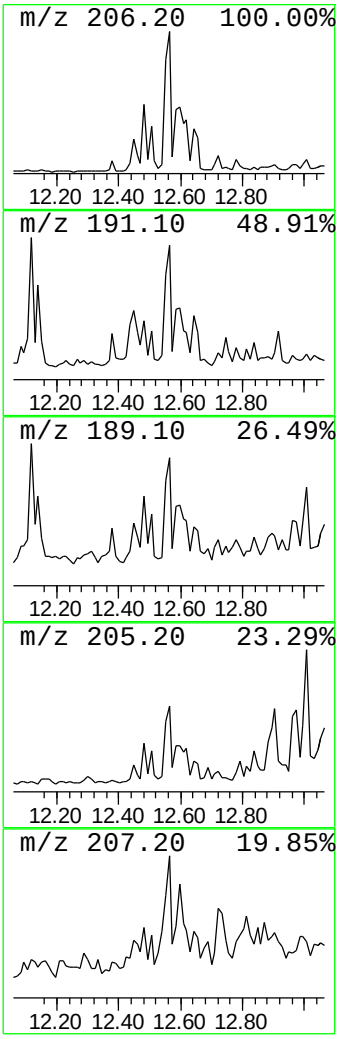
Peak Number 19 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.30 ng	259159	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Tentatively Identified Compound (LSC) summary

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Data File : BF085197.D
Acq On : 4 Mar 2016 10:48
Operator : SJ/IZ
Sample : H1663-01 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
unknown6.23	6.23	5.0	ng	274785	1	6.98	1092670	20.0
Cyclohexane, 1,1,...	6.52	5.7	ng	309790	1	6.98	1092670	20.0
unknown6.74	6.74	20.1	ng	1096390	1	6.98	1092670	20.0
Undecane, 2,6-dim...	8.32	6.6	ng	427553	2	8.26	1295590	20.0
Octane, 2,3,7-tri...	8.69	7.4	ng	482190	2	8.26	1295590	20.0
Dodecane, 2,7,10-...	9.28	8.4	ng	603448	3	10.02	1437750	20.0
Tetracontane, 3,5...	9.43	7.3	ng	523695	3	10.02	1437750	20.0
Naphthalene, 1,5-...	9.60	5.3	ng	381791	3	10.02	1437750	20.0
Naphthalene, 1,6,...	10.42	5.1	ng	369475	3	10.02	1437750	20.0
Naphthalene, 1,4,...	10.56	7.1	ng	507682	3	10.02	1437750	20.0
Heptadecane	10.68	6.4	ng	463138	3	10.02	1437750	20.0
Tridecane, 5-propyl-	10.94	25.4	ng	1242500	4	11.51	977290	20.0
9H-Fluorene, 1-me...	11.14	7.0	ng	341761	4	11.51	977290	20.0
Tridecane	11.40	18.5	ng	904561	4	11.51	977290	20.0
Tridecanol, 2-eth...	11.75	6.7	ng	327055	4	11.51	977290	20.0
di-p-Tolylacetylene	12.56	5.3	ng	259159	4	11.51	977290	20.0