LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

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-BF101015.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	4.228	181	183	189	rBV	54232	85379	1.90%	0.175%
2	4.960	240	247	249	rBV	2005001	4483261	100.00%	9.185%
3	5.383	282	284	291	rBV	273125	376187	8.39%	0.771%
4	5.611	302	304	306	rBV	66717	67189	1.50%	0.138%
5	6.423	372	375	380	rVV	1598488	1691570	37.73%	3.466%
6	6.537	383	385	388	rVV	1078639	1003219	22.38%	2.055%
7	6.594	388	390	392	rVB2	65081	99346	2.22%	0.204%
8	6.766	402	405	407	rBV	452564	582719	13.00%	1.194%
9	6.823	408	410	413	rBV2	55924	120554	2.69%	0.247%
10	6.914	416	418	421	rVB	1543382	1499836	33.45%	3.073%
11	7.040	425	429	430	rVB2	67606	115948	2.59%	0.238%
12	7.097	432	434	437	rVB2	62654	88285	1.97%	0.181%
13	7.154	437	439	440	rBV	92205	115963	2.59%	0.238%
14	7.303	449	452	453	rBV2	77315	114455	2.55%	0.234%
15	7.337	453	455	456	rBV	1211624	1193744	26.63%	2.446%
16	7.360	456	457	459	rVB	455394	356595	7.95%	0.731%
17	7.406	459	461	463	rVB3	60977	102902	2.30%	0.211%
18	7.452	463	465	466	rBV2	52688	82587	1.84%	0.169%
19	7.566	472	475	477	rVB2	128717	172697	3.85%	0.354%
20	7.680	480	485	488	rBV6	101849	244267	5.45%	0.500%
21	7.726	488	489	491	rVB	70245	89845	2.00%	0.184%
22	7.795	493	495	498	rVB4	110526	191285	4.27%	0.392%
23	7.840	498	499	504	rVB4	65763	168675	3.76%	0.346%
24	7.920	504	506	508	rBV2	49133	78792	1.76%	0.161%
25	8.000	510	513	514	rBV2	78940	144133	3.21%	0.295%
26	8.035	514	516	520	rBV2	977264	1506896	33.61%	3.087%
27	8.115	521	523	524	rVB	339103	291941	6.51%	0.598%
28	8.137	524	525	529	rVB3	81036	115711	2.58%	0.237%
29	8.206	529	531	534	rBV4	45767	120776	2.69%	0.247%
30	8.252	534	535	536	rVB	90751	62210	1.39%	0.127%
31	8.343	538	543	546	rBV5	185115	365175	8.15%	0.748%
32	8.400	546	548	549	rBV	78215	78237	1.75%	0.160%
33	8.435	549	551	552	rVB	171429	179609	4.01%	0.368%
34	8.469	552	554	559	rBV	375071	627091	13.99%	1.285%

LSC Area Percent Report

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Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.560	559	562	563	rBV2	68376	93090	2.08%	0.191%
36	8.583	563	564	566	rBV2	63509	79984	1.78%	0.164%
37	8.652	568	570	571	rBV	772159	1056603	23.57%	2.165%
38	8.709	571	575	576	rVB4	56830	84438	1.88%	0.173%
39	8.743	576	578	579	rVB	140413	166325	3.71%	0.341%
40	8.766	579	580	581	rBV	184124	132855	2.96%	0.272%
41	8.869	586	589	593	rVB4	120954	196292	4.38%	0.402%
42	8.926	593	594	595	rBV	137350	130612	2.91%	0.268%
43	8.960	595	597	599	rVB3	108715	153557	3.43%	0.315%
44	9.006	599	601	603	rVB	202336	231675	5.17%	0.475%
45	9.052	603	605	606	rBV2	127715	165787	3.70%	0.340%
46	9.075	606	607	609	rVB	531313	382162	8.52%	0.783%
47	9.132	610	612	614	rVB	2289931	2072497	46.23%	4.246%
48	9.212	616	619	621	rBV	1558196	1524627	34.01%	3.124%
49	9.280	624	625	628	rVB2	91557	76537	1.71%	0.157%
50	9.326	628	629	632	rVB	107982	94649	2.11%	0.194%
51	9.395	632	635	637	rBV	219723	309340	6.90%	0.634%
52	9.463	637	641	643	rBV	361982	635550	14.18%	1.302%
53	9.532	645	647	648	rVV	1252673	1144855	25.54%	2.346%
54	9.589	651	652	654	rVB	207062	158639	3.54%	0.325%
55	9.669	657	659	661	rBV2	167248	175205	3.91%	0.359%
56	9.715	661	663	664	rBV	193132	150806	3.36%	0.309%
57	9.738	664	665	667	rVB	918744	1175464	26.22%	2.408%
58	9.806	667	671	673	rBV2	737306	963940	21.50%	1.975%
59	9.909	679	680	683	rBV	149604	214324	4.78%	0.439%
60	9.966	683	685	687	rBV2	134446	265950	5.93%	0.545%
61	10.012	687	689	691	rVV2	249118	407333	9.09%	0.835%
62	10.058	691	693	695	rVV2	320738	442698	9.87%	0.907%
63	10.126	698	699	701	rBV2	196923	229606	5.12%	0.470%
64	10.206	705	706	707	rBV	159875	209801	4.68%	0.430%
65	10.240	707	709	713	rVB	1336991	1234246	27.53%	2.529%
66	10.355	716	719	720	rBV3	79506	136593	3.05%	0.280%
67	10.458	726	728	731	rVB2	499213	724262	16.15%	1.484%
68	10.515	731	733	734	rBV	103058	128455	2.87%	0.263%
69	10.549	734	736	737	rVB	91784	83215	1.86%	0.170%
70	10.583	737	739	742	rBV3	106883	228572	5.10%	0.468%
71	10.720	748	751	754	rBV	1409588	2060758	45.97%	4.222%

LSC Area Percent Report

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Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.801	755	758	761	rBV4	107216	299230	6.67%	0.613%
73	10.903	765	767	769	rVV3	146603	239879	5.35%	0.491%
74	10.938	769	770	771	rVV	143465	108345	2.42%	0.222%
75	10.972	771	773	774	rVB2	64590	66784	1.49%	0.137%
76	11.041	777	779	783	rVV4	113938	222173	4.96%	0.455%
77	11.166	788	790	791	rVV	1086127	914804	20.40%	1.874%
78	11.189	791	792	796	rVB	476523	568641	12.68%	1.165%
79	11.303	799	802	805	rBV	555723	1053146	23.49%	2.158%
80	11.475	815	817	818	rBV	116004	115709	2.58%	0.237%
81	11.543	821	823	825	rVV	217071	305002	6.80%	0.625%
82	11.589	825	827	829	rVV	751900	772784	17.24%	1.583%
83	11.635	829	831	834	rVB3	110155	183095	4.08%	0.375%
84	11.761	839	842	844	rBV3	99520	262201	5.85%	0.537%
85	11.829	847	848	849	rVB	227109	160969	3.59%	0.330%
86	11.909	854	855	856	rVV	114973	85553	1.91%	0.175%
87	12.001	861	863	865	rVV	670776	561861	12.53%	1.151%
88	12.286	886	888	890	rBV	183268	282266	6.30%	0.578%
89	12.344	892	893	895	rBV2	216687	307595	6.86%	0.630%
90	12.389	895	897	899	rBV	476280	417064	9.30%	0.854%
91	12.515	904	908	911	rBV2	357355	632055	14.10%	1.295%
92	12.744	926	928	929	rBV	372548	429477	9.58%	0.880%
93	12.892	938	941	944	rBV	1819515	1989890	44.38%	4.077%
94	13.121	959	961	963	rBV	231883	320529	7.15%	0.657%
95	13.166	963	965	970	rVV4	191595	431489	9.62%	0.884%
96	13.246	970	972	978	rVV2	212753	476071	10.62%	0.975%
97	13.475	990	992	994	rBV	201290	258595	5.77%	0.530%
98	13.955	1033	1034	1038	rBV2	818424	1390493	31.02%	2.849%
99	15.475	1165	1167	1176	rVB2	436336	1018655	22.72%	2.087%
100	16.527	1257	1259	1266	rVB2	232064	595872	13.29%	1.221%

Sum of corrected areas: 48808608

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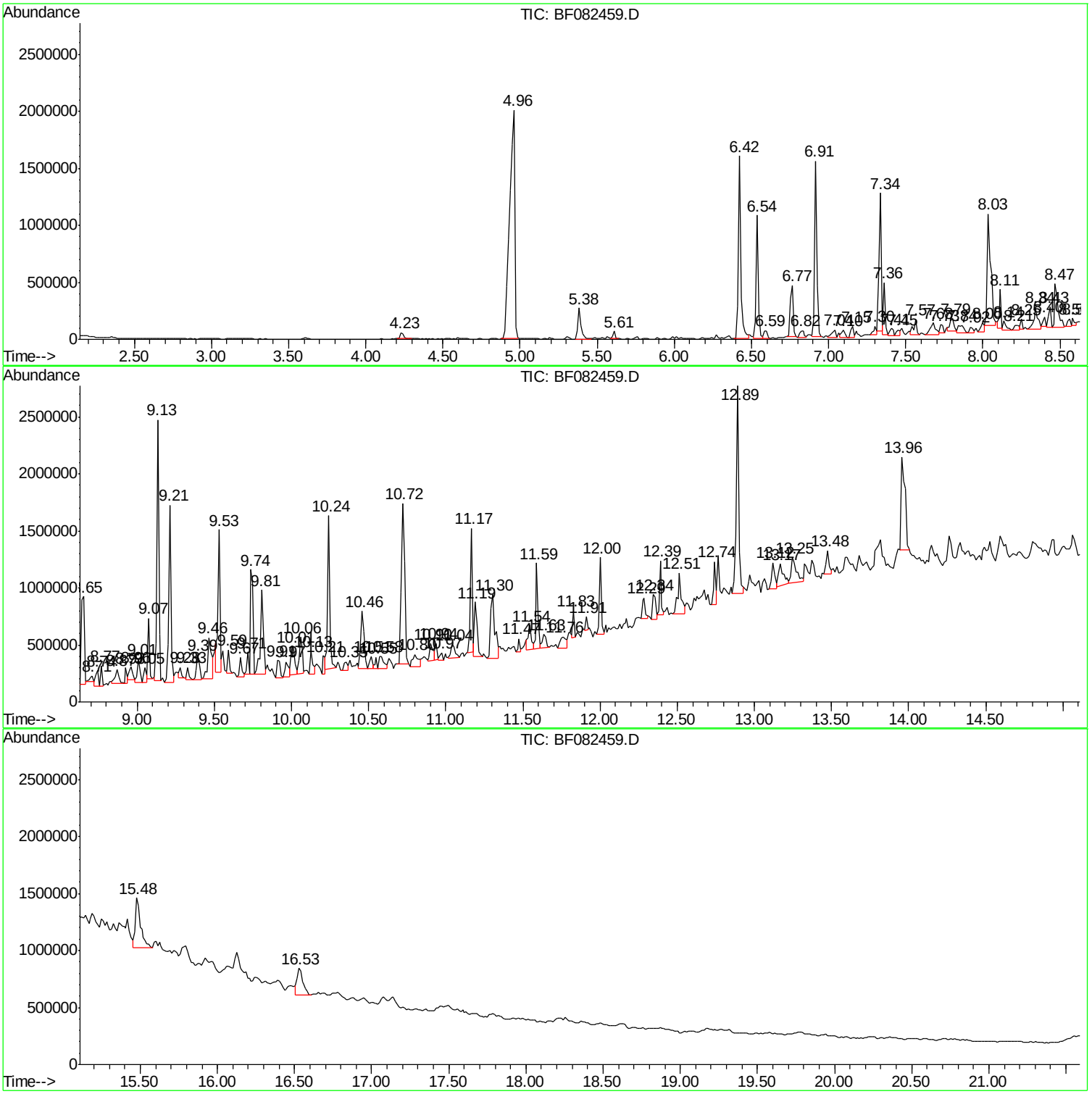
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

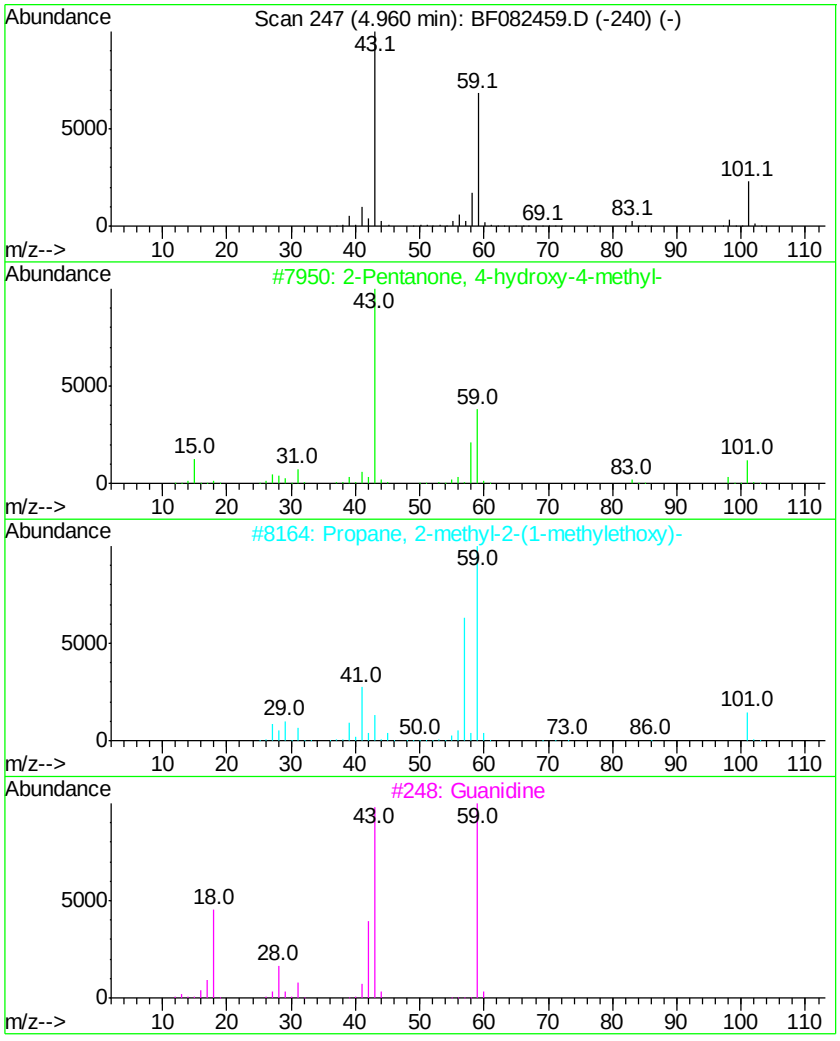
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

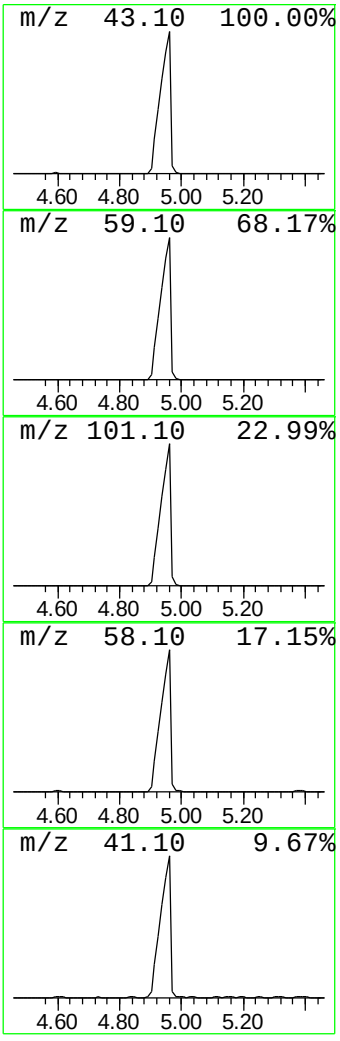
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	153.87 ng	4483260	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

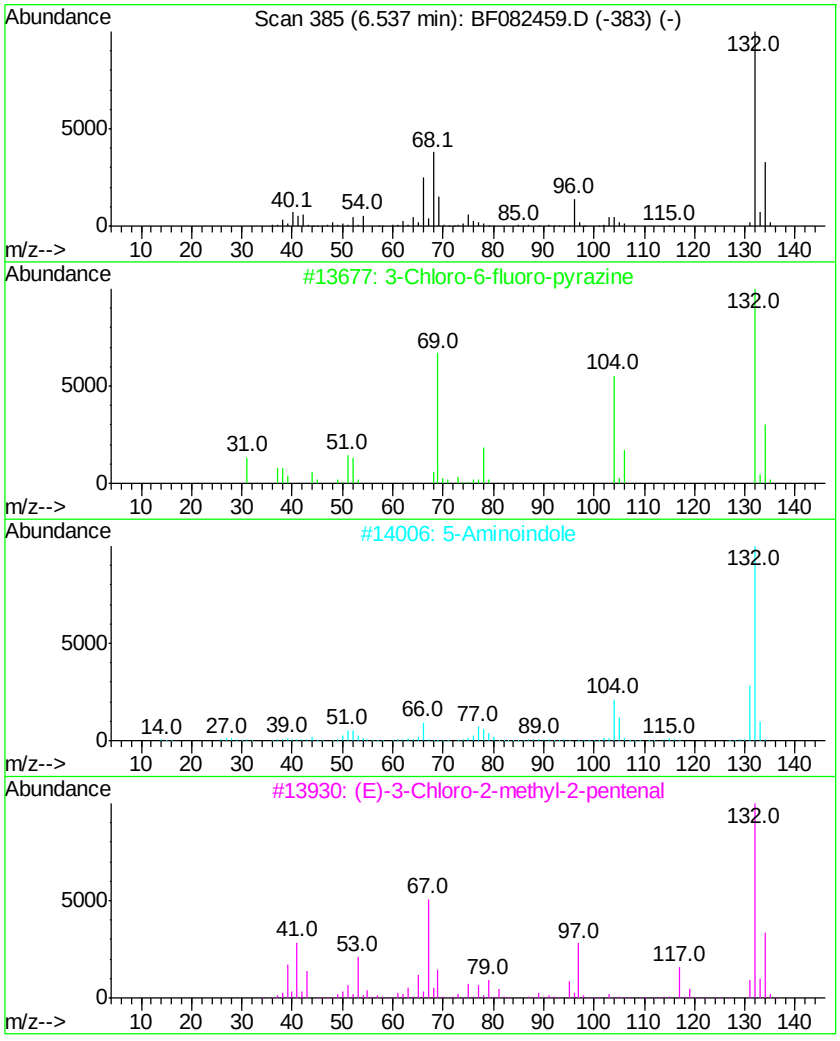
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

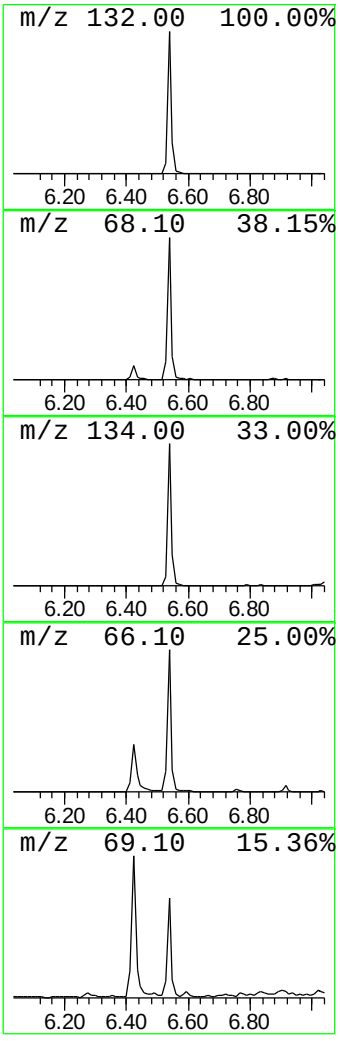
****

Peak Number 2 unknown6.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	34.43 ng	1003220	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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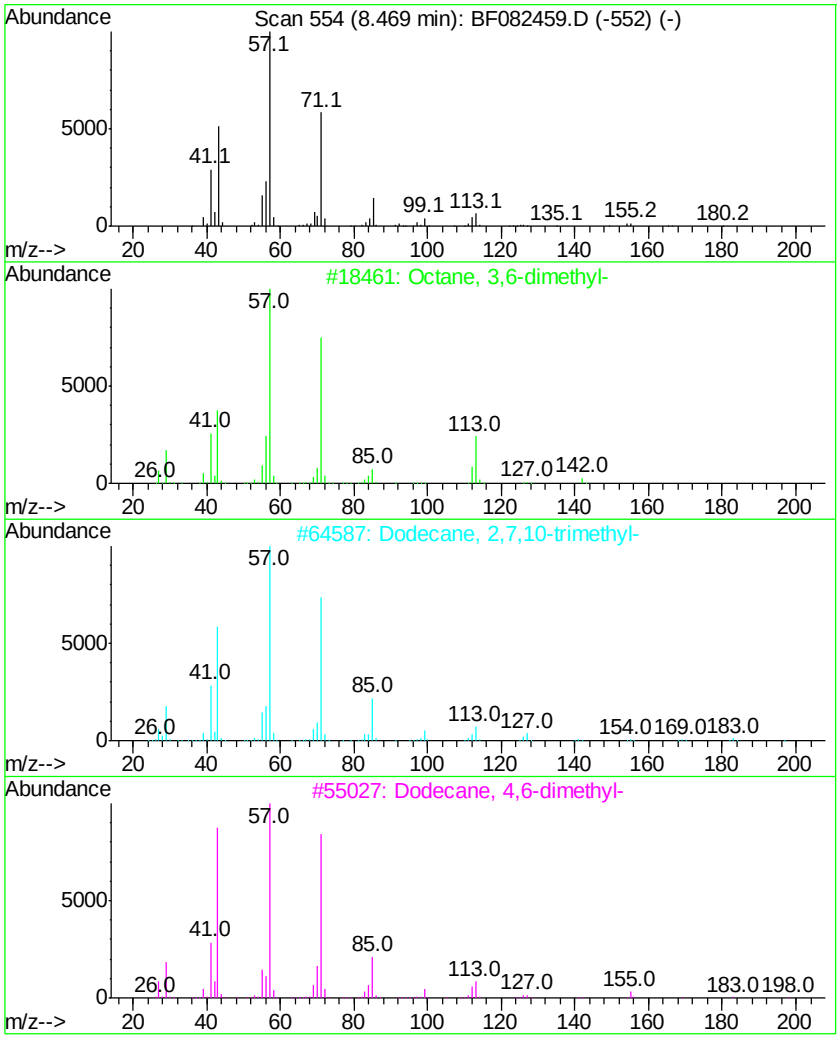
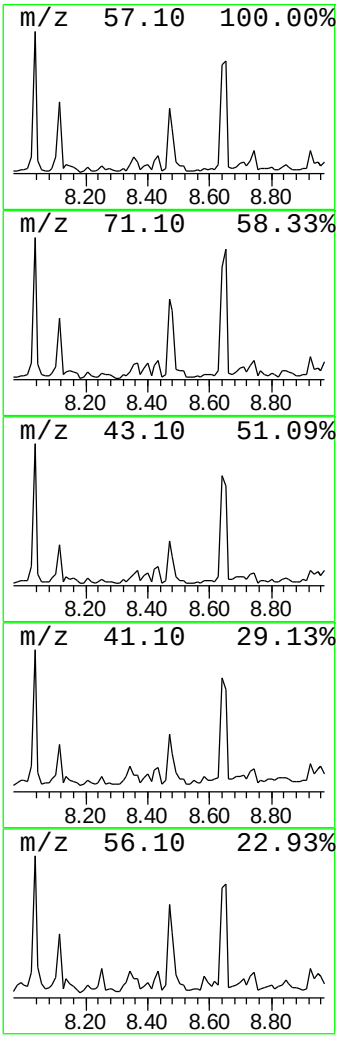
Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	8.32 ng	627091	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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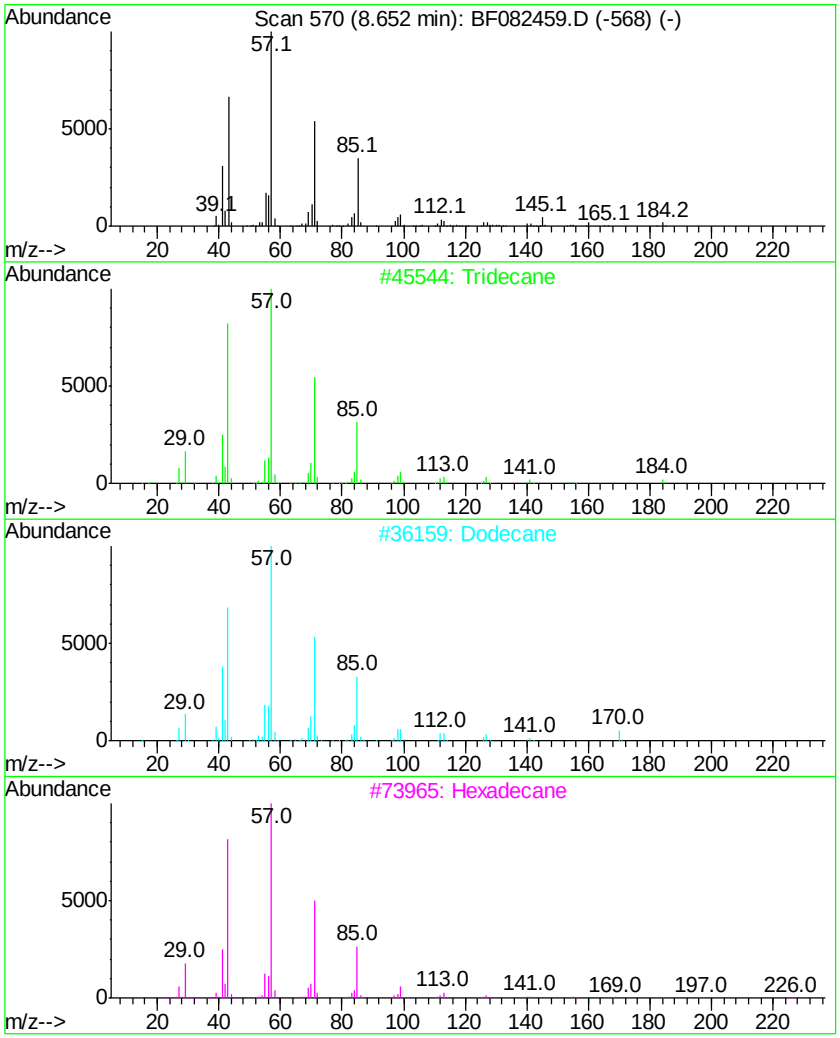
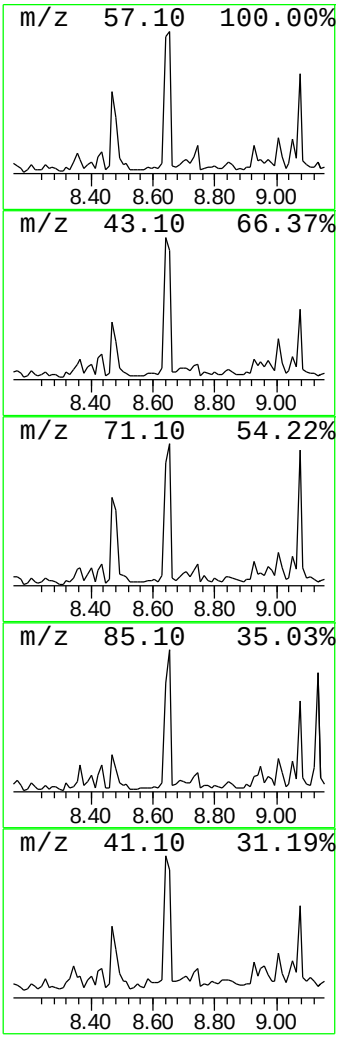
Peak Number 5 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	14.02 ng	1056600	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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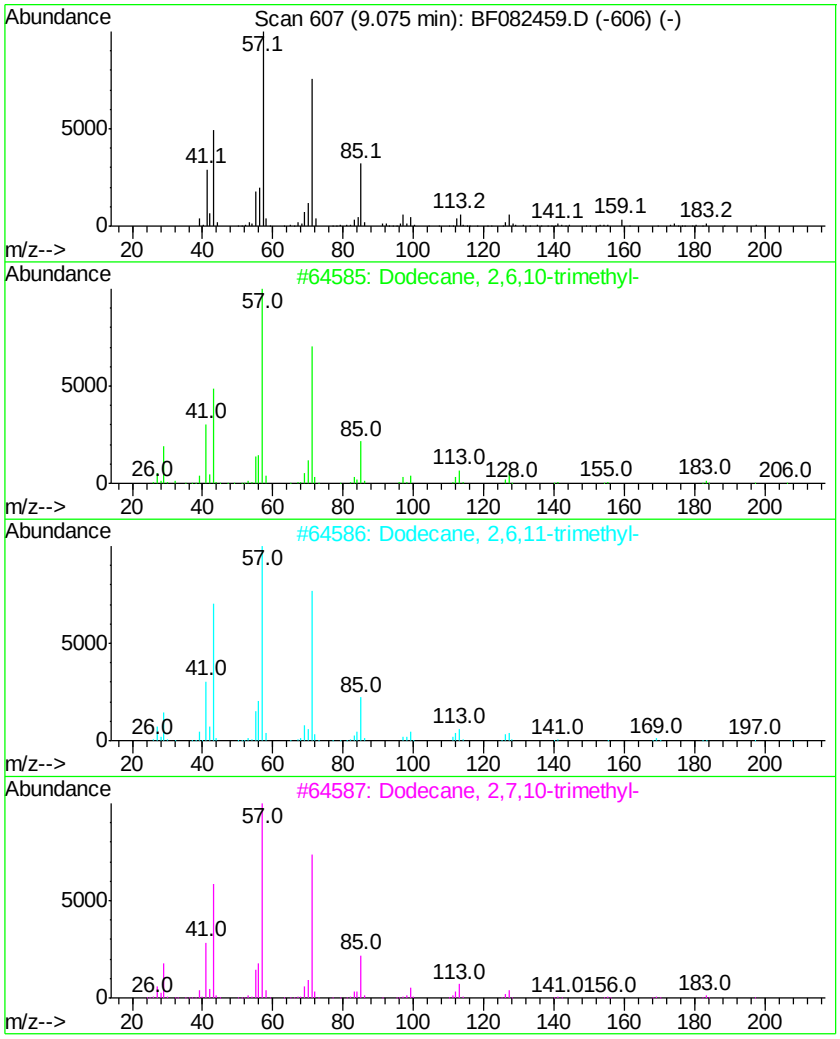
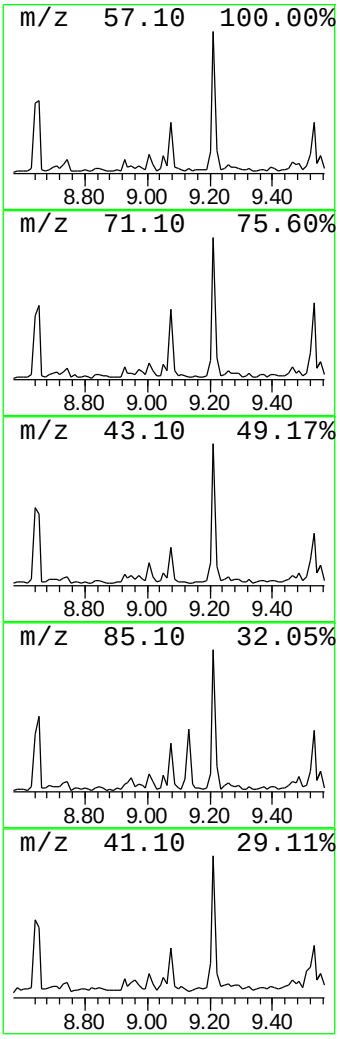
Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.93 ng	382162	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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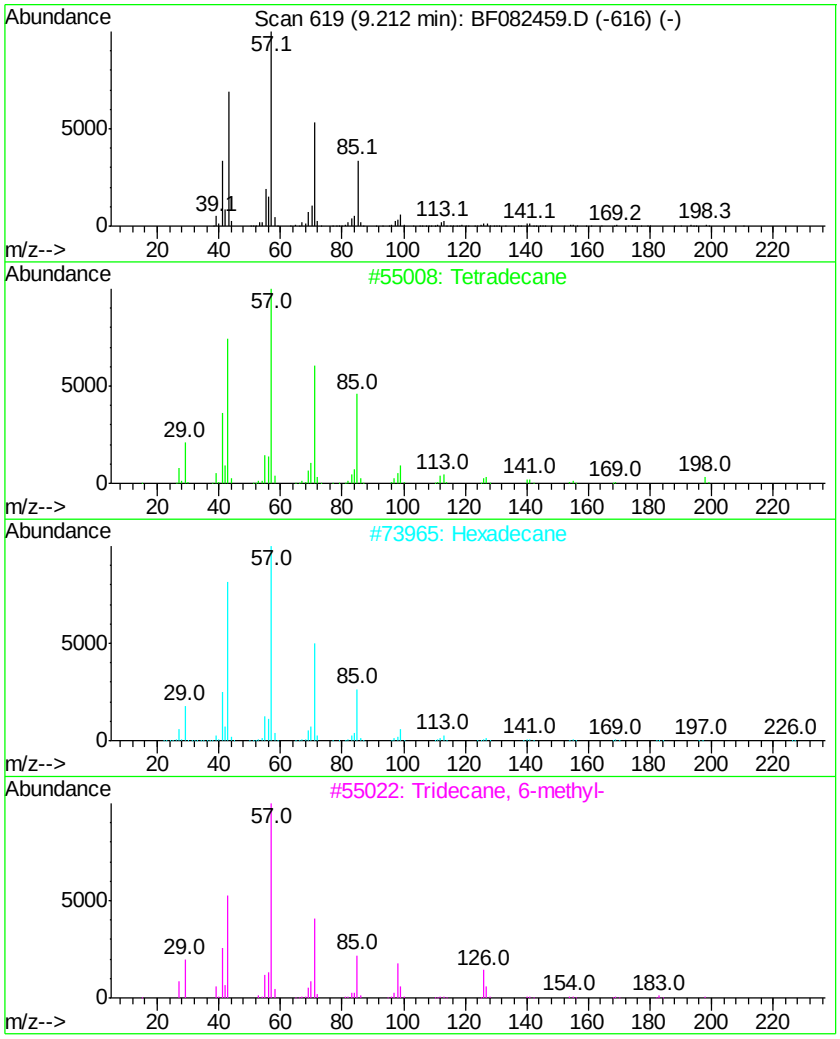
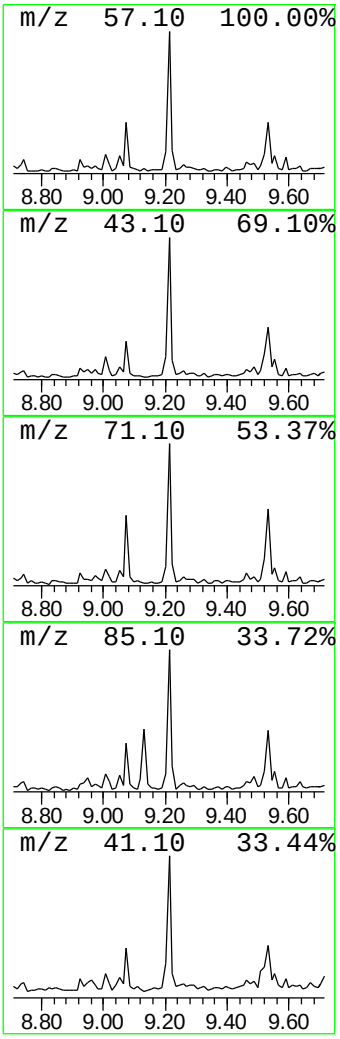
Peak Number 7 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	31.63 ng	1524630	Acenaphthene-d10	9.81

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, 6-methyl-	198	C14H30	013287-21-3	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

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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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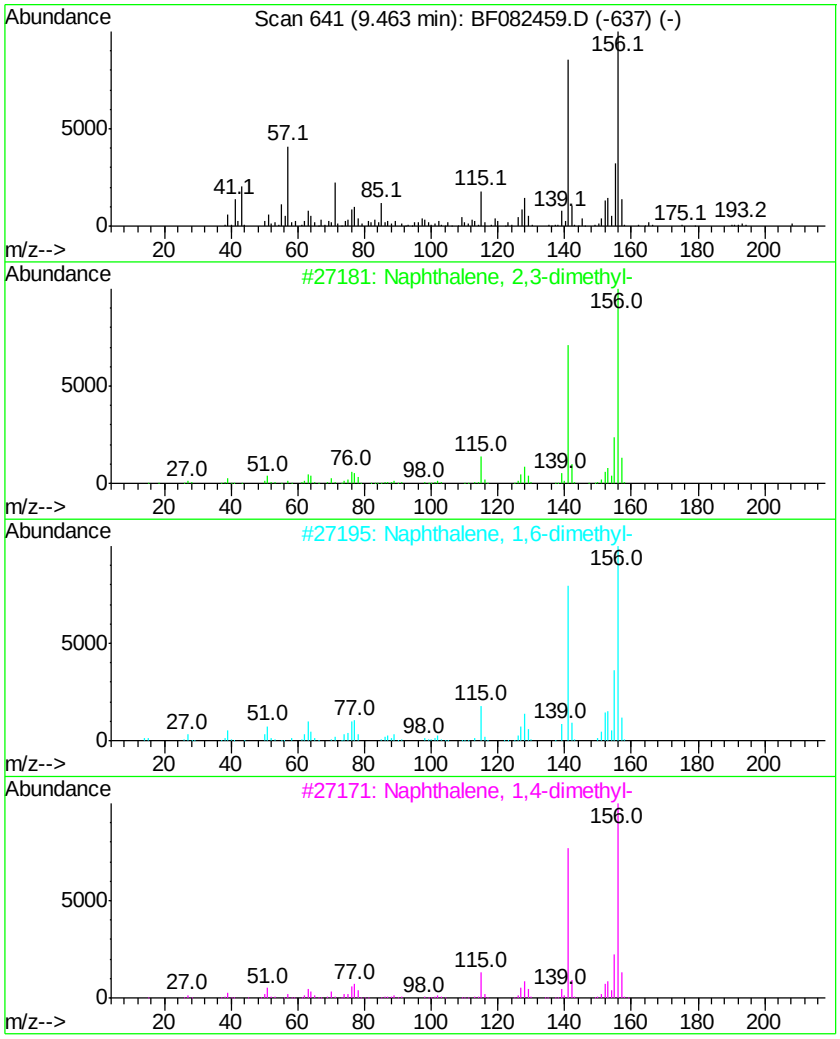
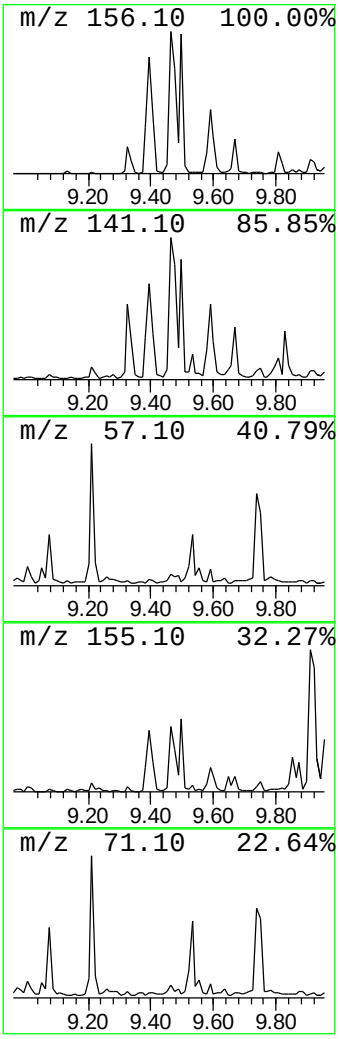
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	13.19 ng	635550	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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ClientSampleId : SB15-27-2.5-3

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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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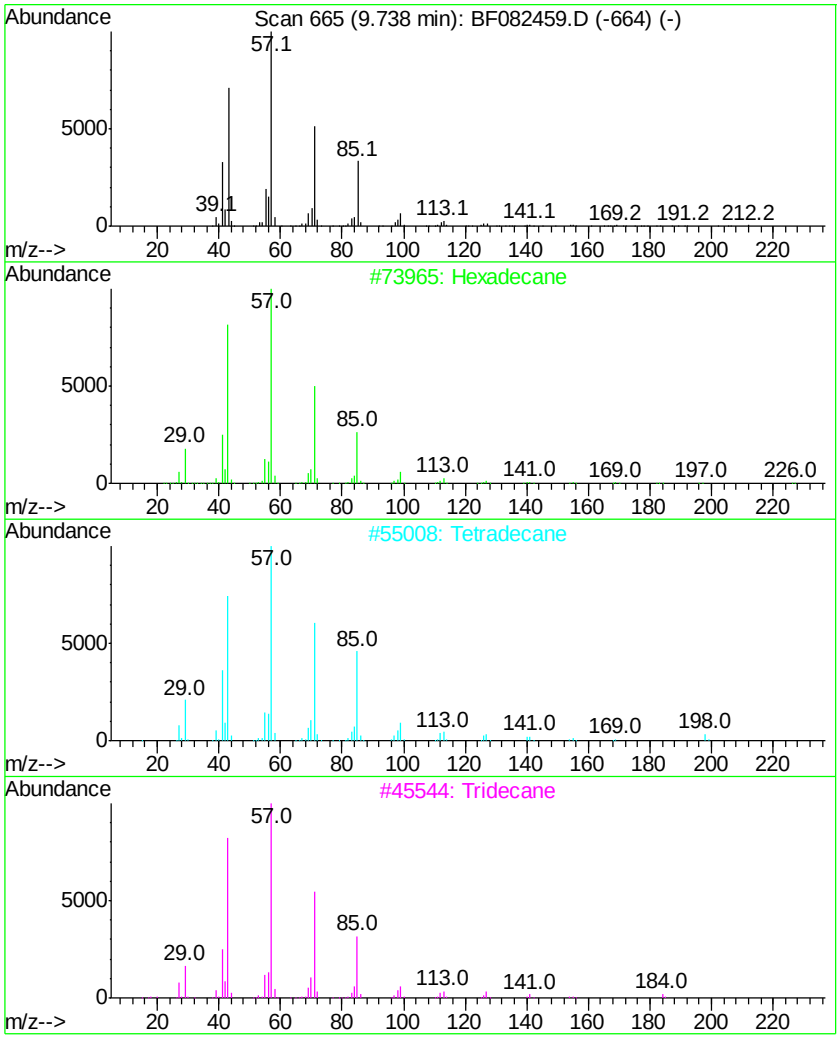
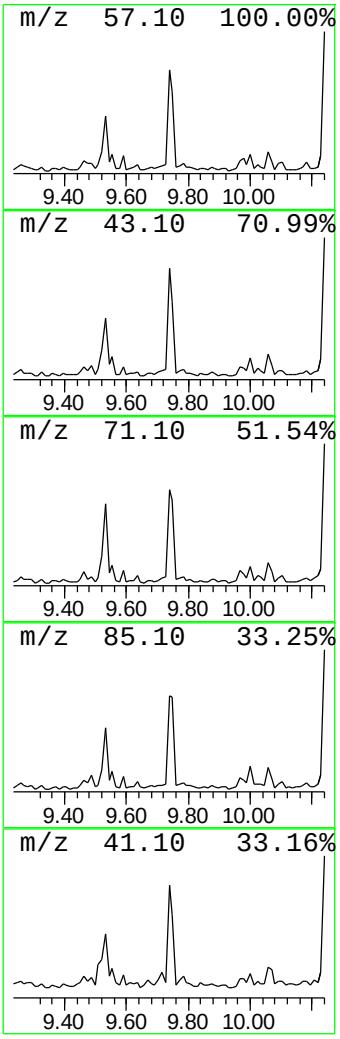
Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	24.39 ng	1175460	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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

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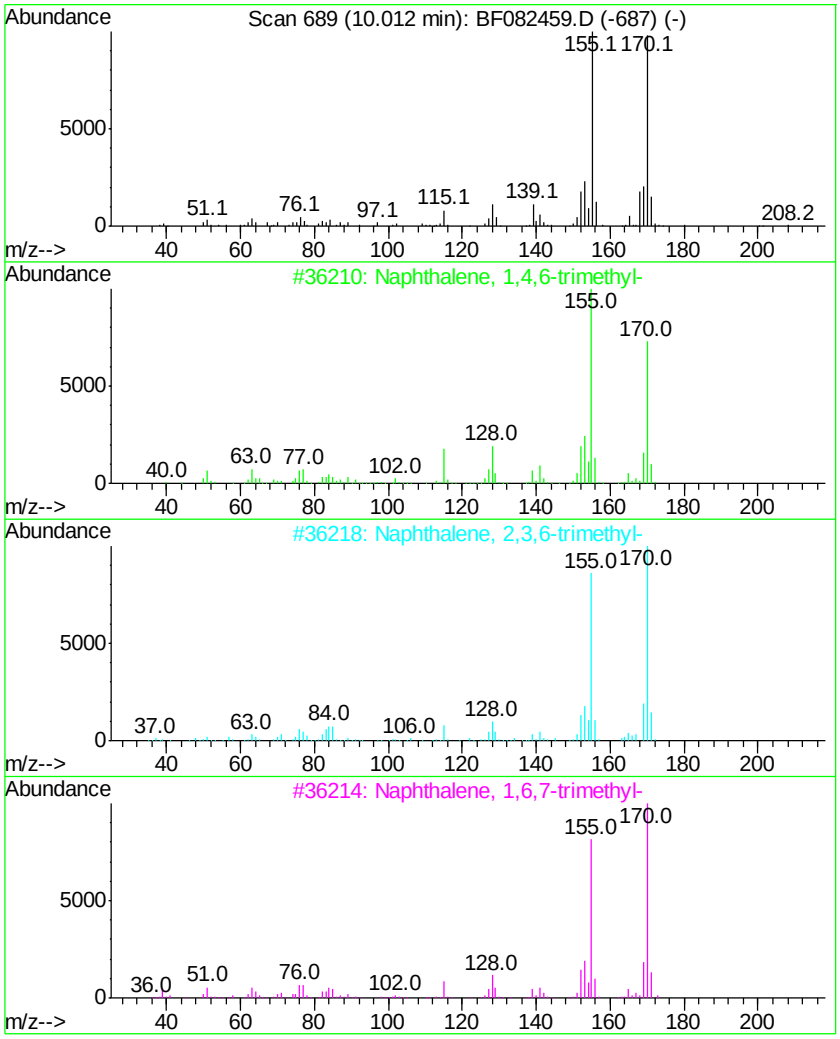
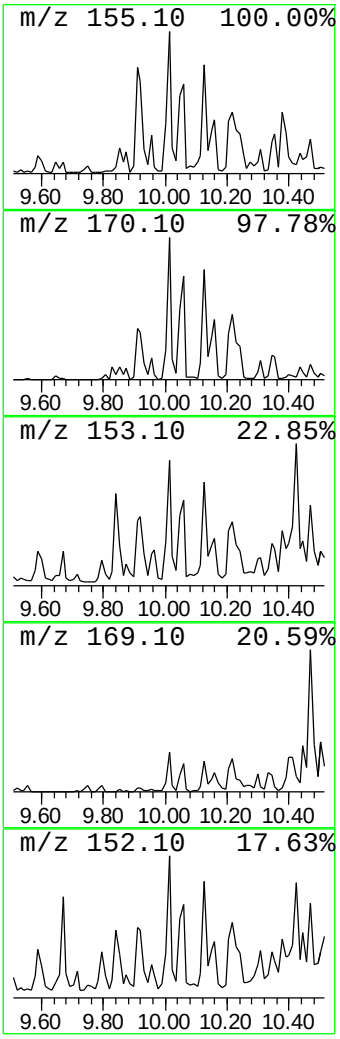
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	8.45 ng	407333	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

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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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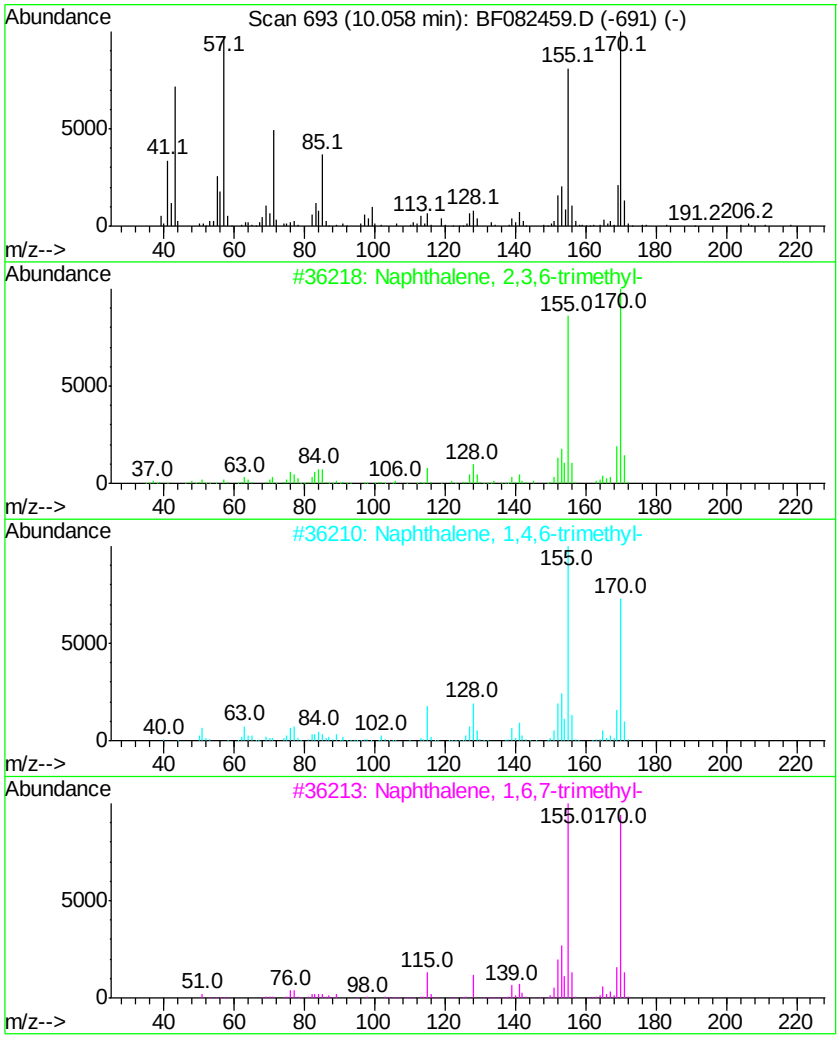
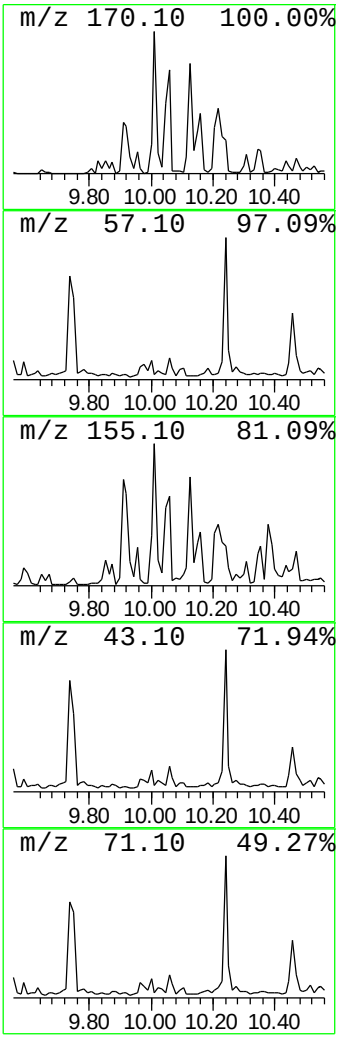
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	9.19 ng	442698	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





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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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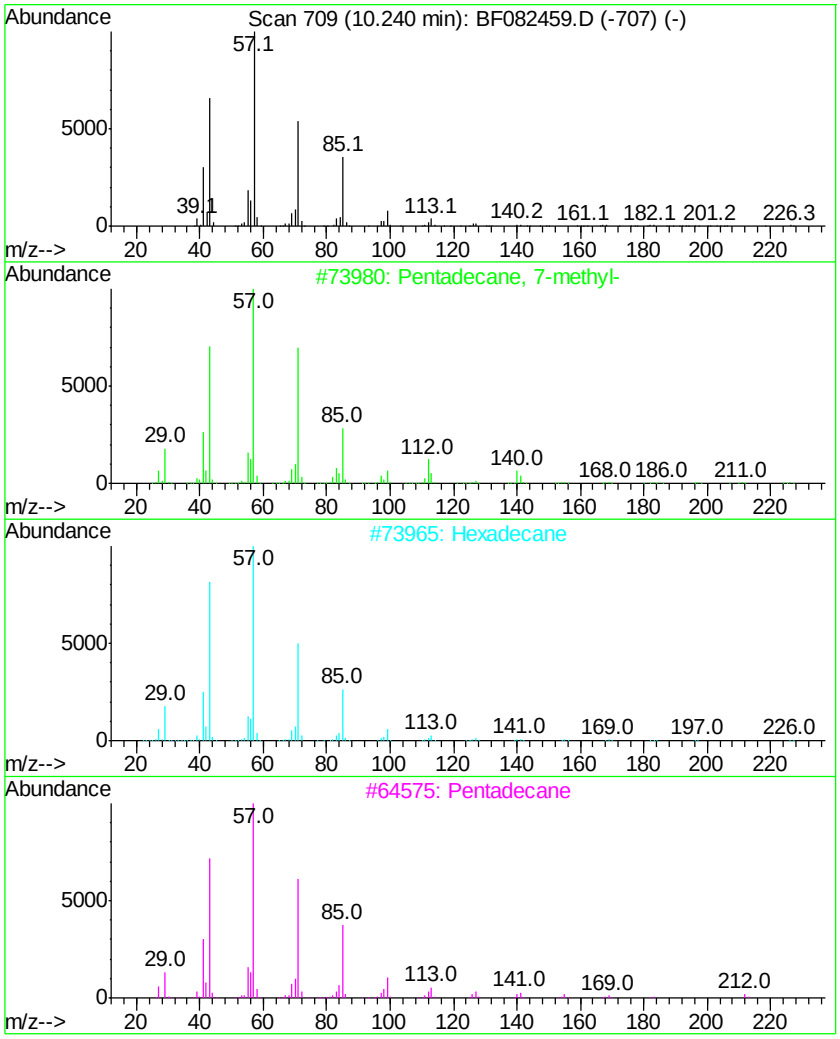
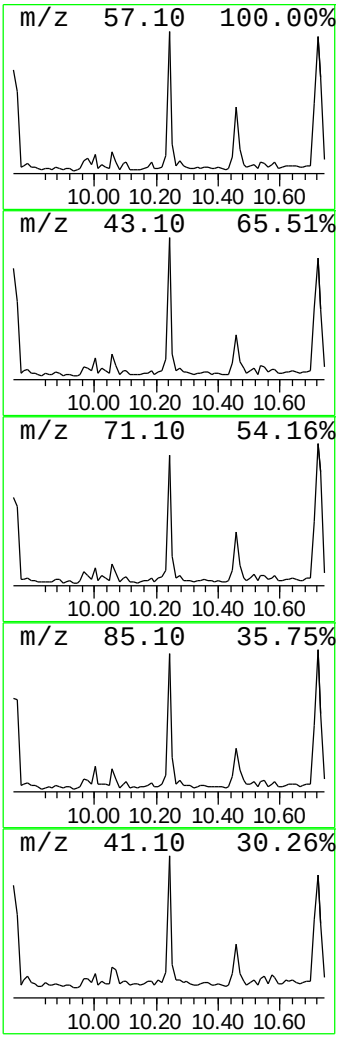
Peak Number 12 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	25.61 ng	1234250	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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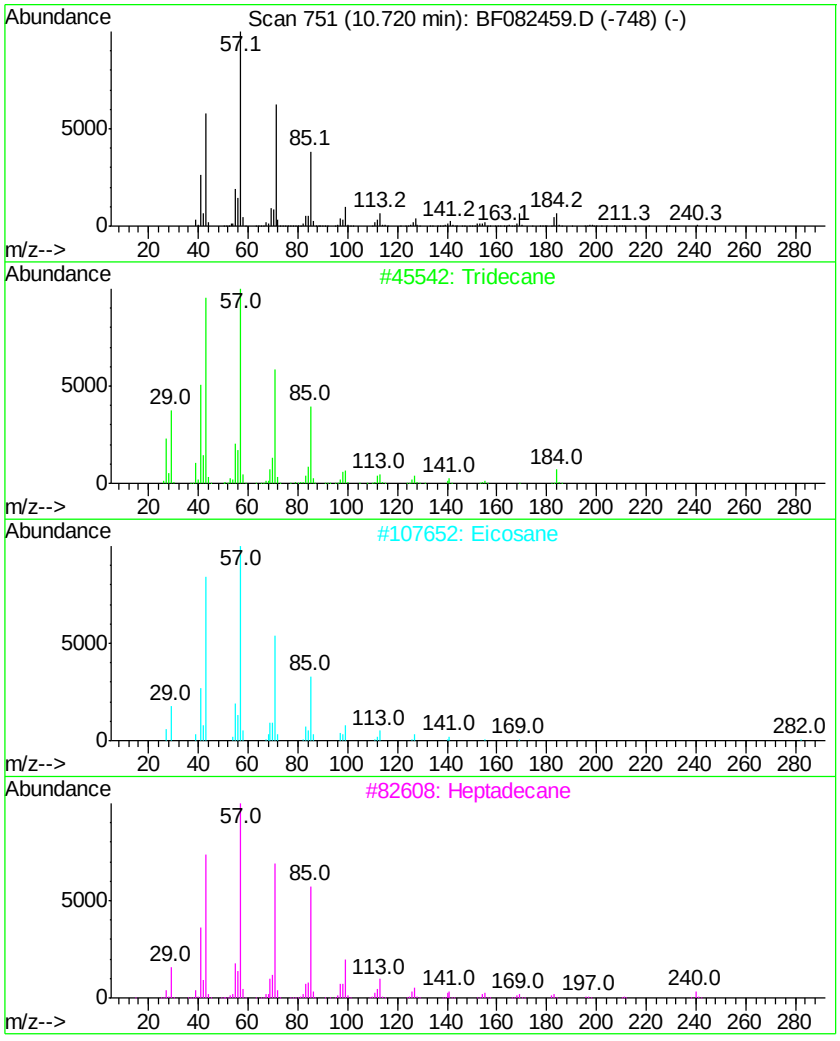
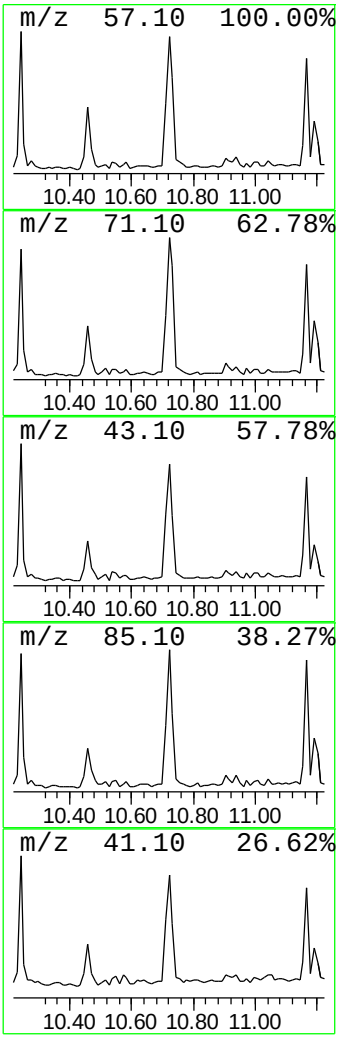
Peak Number 13 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	39.14 ng	2060760	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Pentadecane	212	C15H32	000629-62-9	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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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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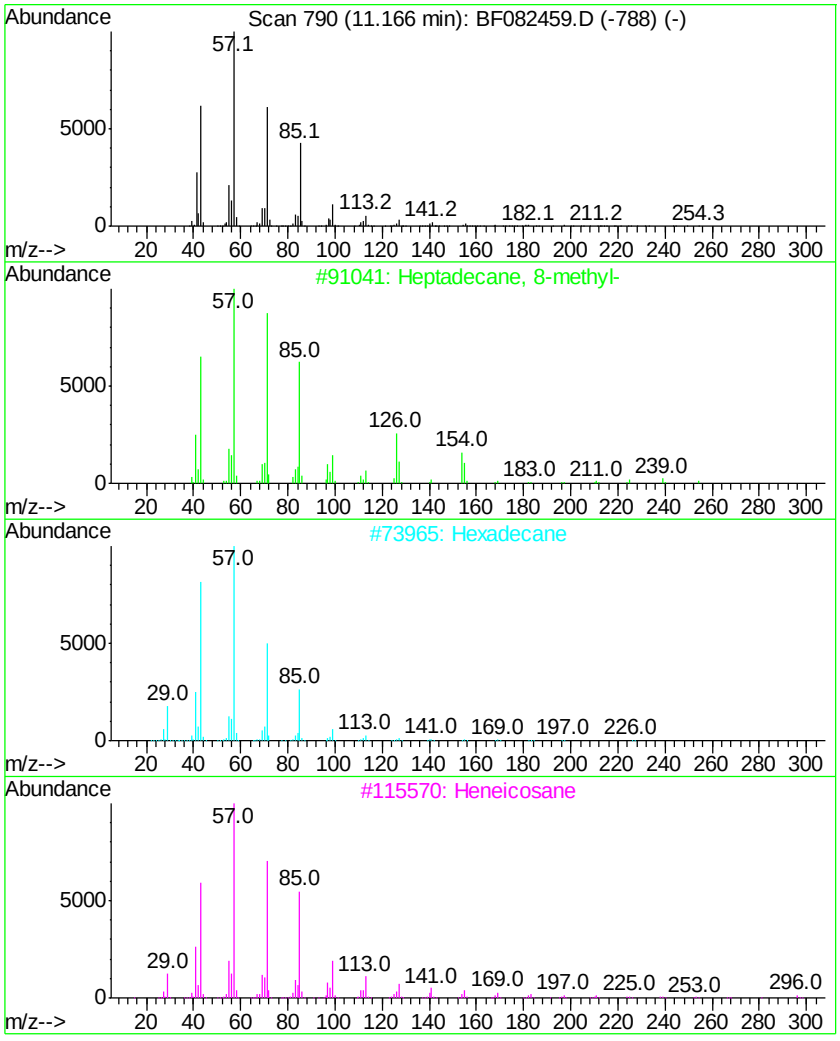
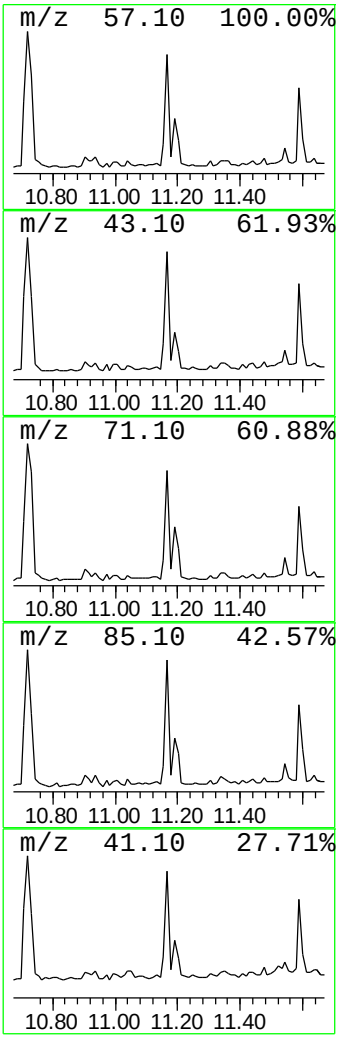
Peak Number 14 Heptadecane, 8-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	17.37 ng	914804	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Eicosane	282	C20H42	000112-95-8	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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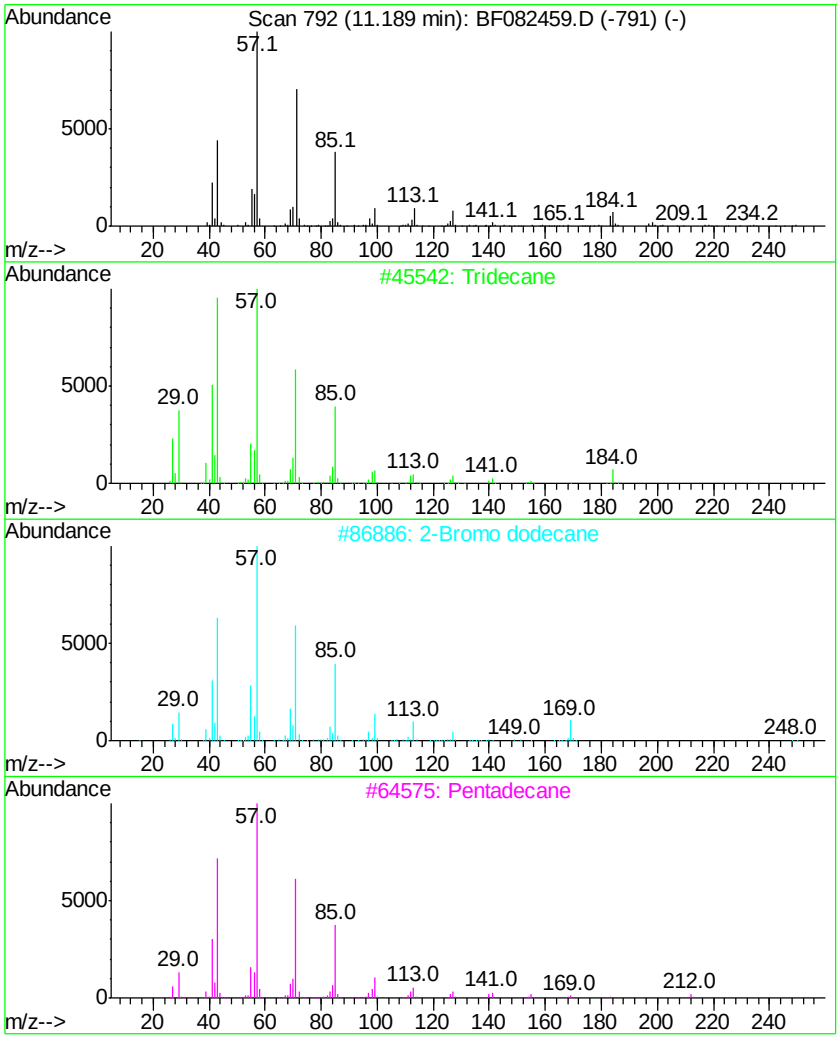
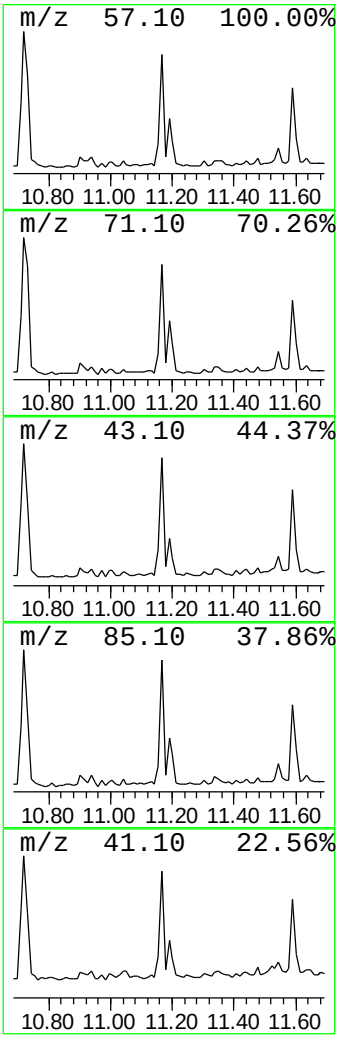
Peak Number 15 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	10.80 ng	568641	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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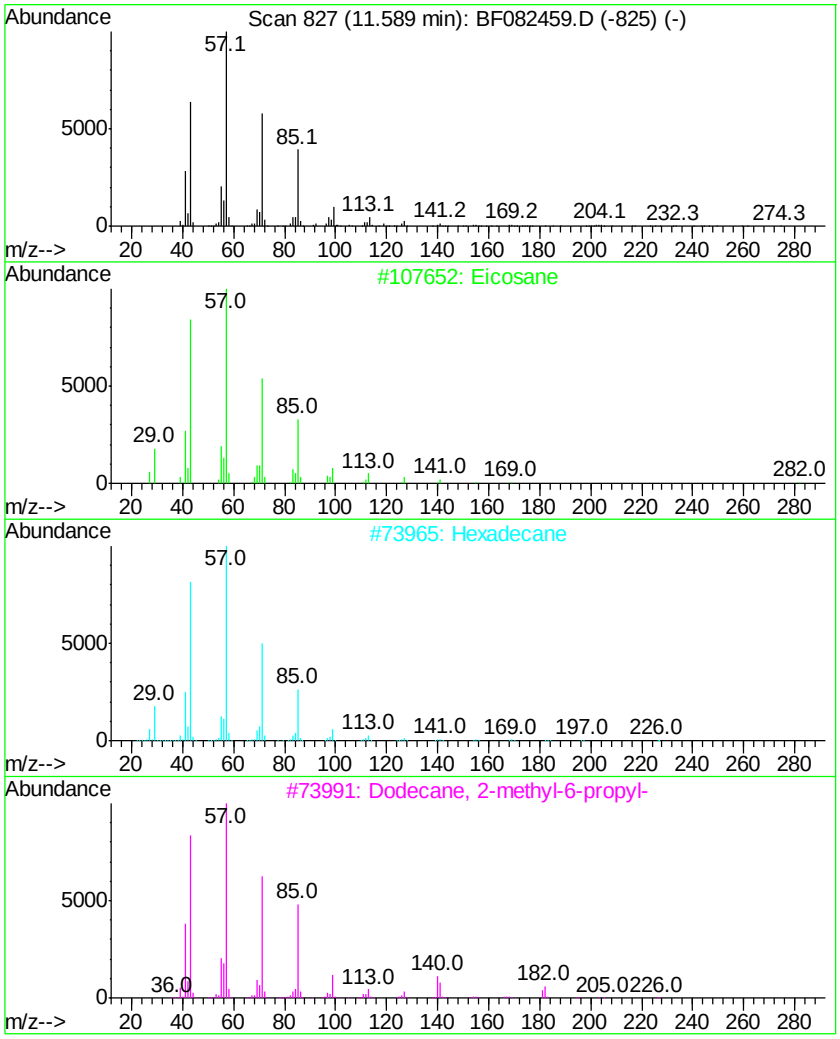
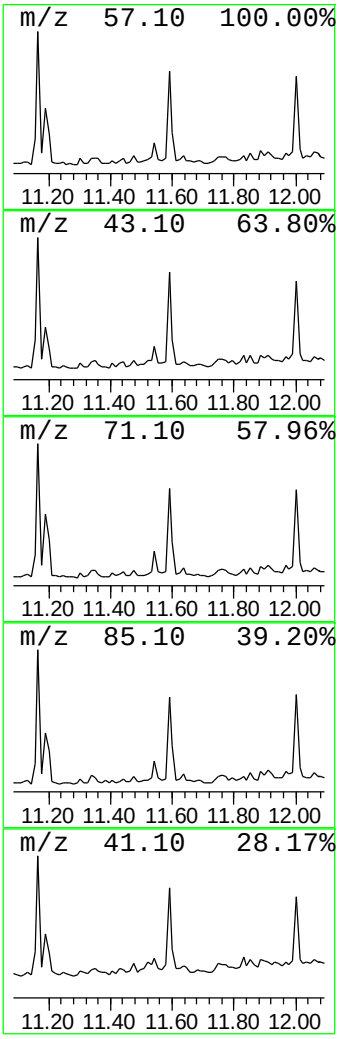
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	14.68 ng	772784	Phenanthrene-d10	11.30

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	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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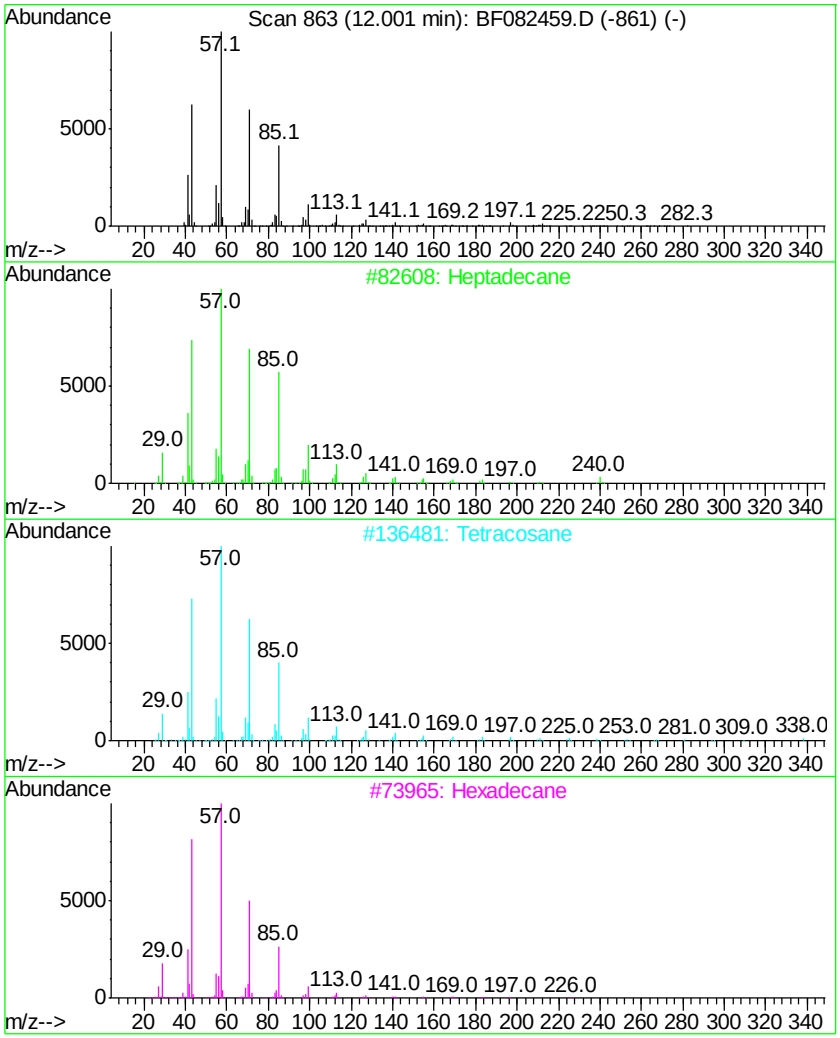
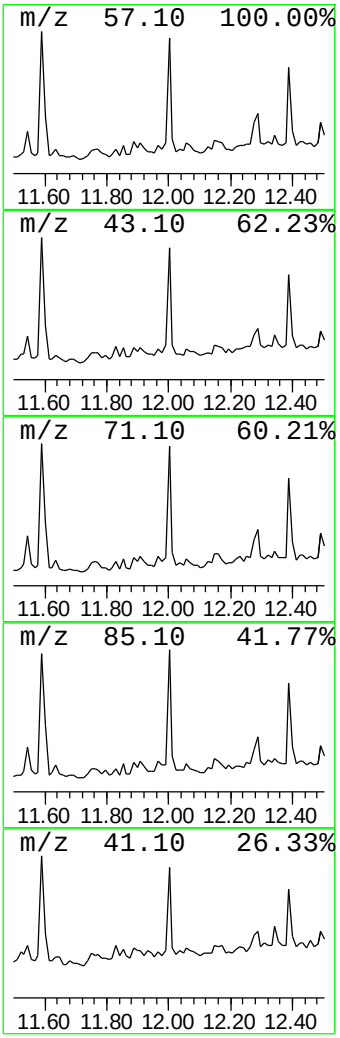
Peak Number 17 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	10.67 ng	561861	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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ClientSampleId : SB15-27-2.5-3

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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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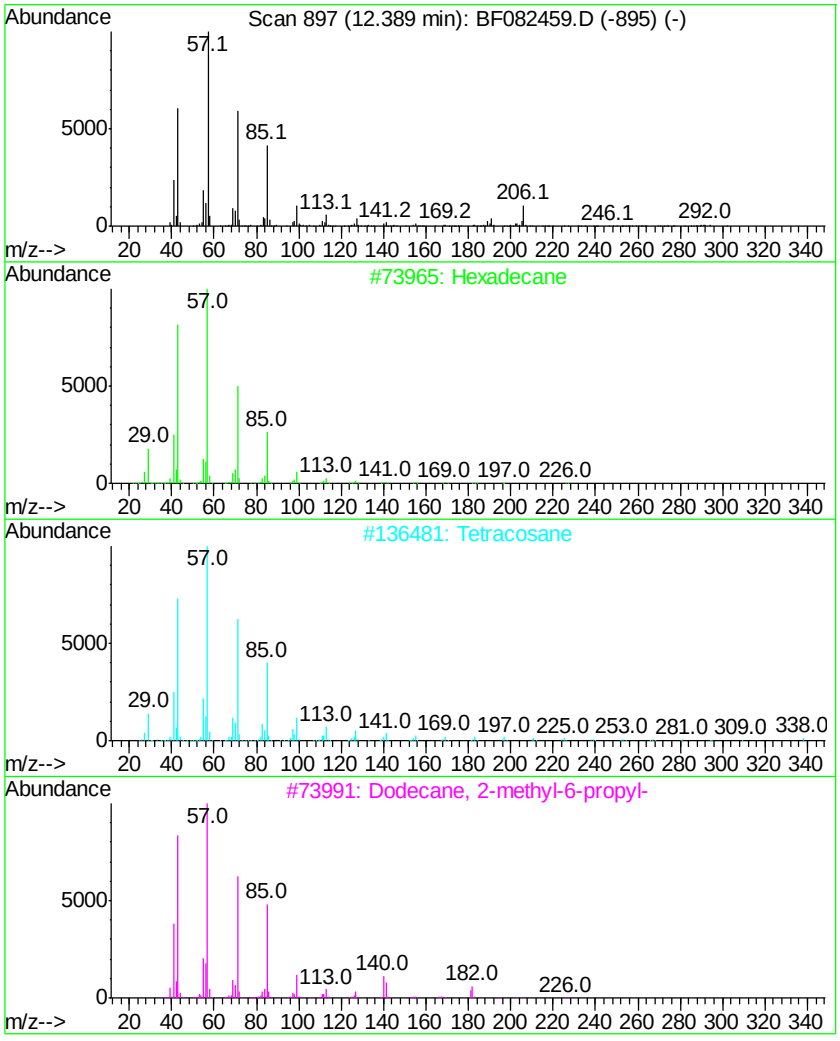
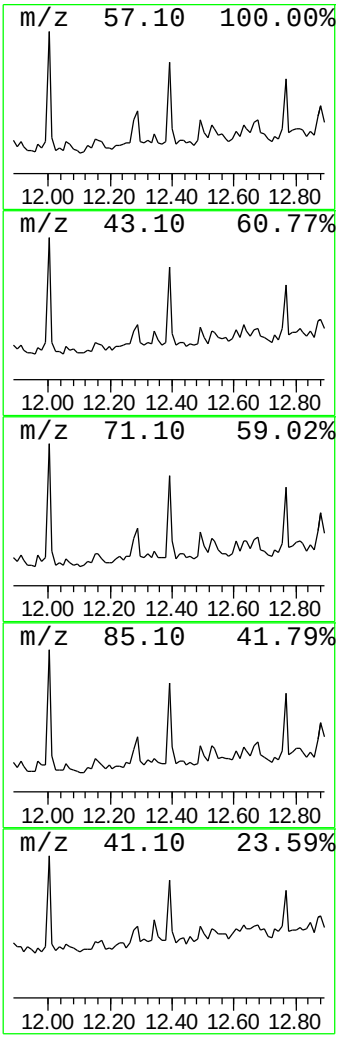
Peak Number 18 Dodecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	7.92 ng	417064	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Octadecane	254	C18H38	000593-45-3	55





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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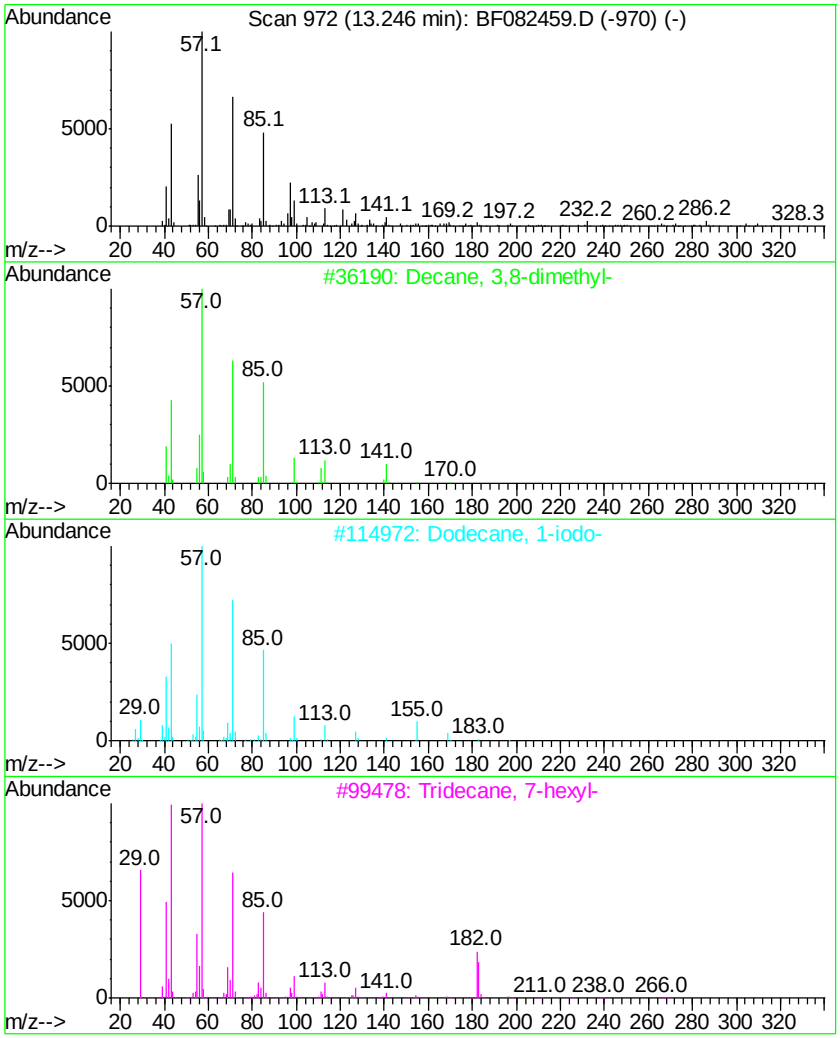
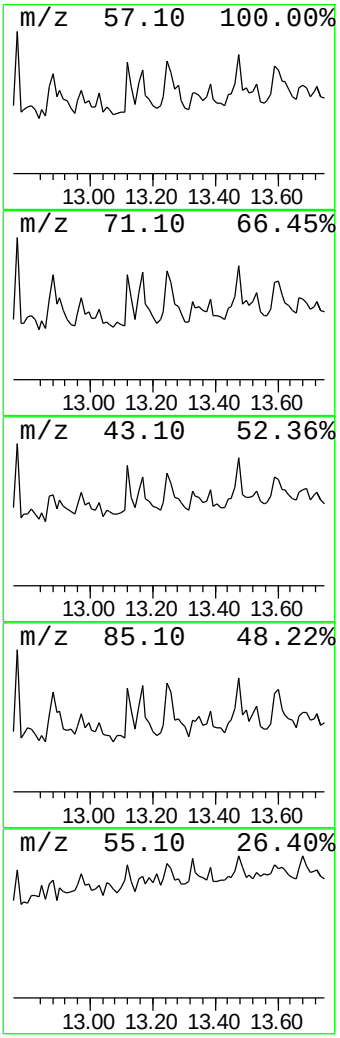
Peak Number 19 Decane, 3,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.85 ng	476071	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Octadecane	254	C18H38	000593-45-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

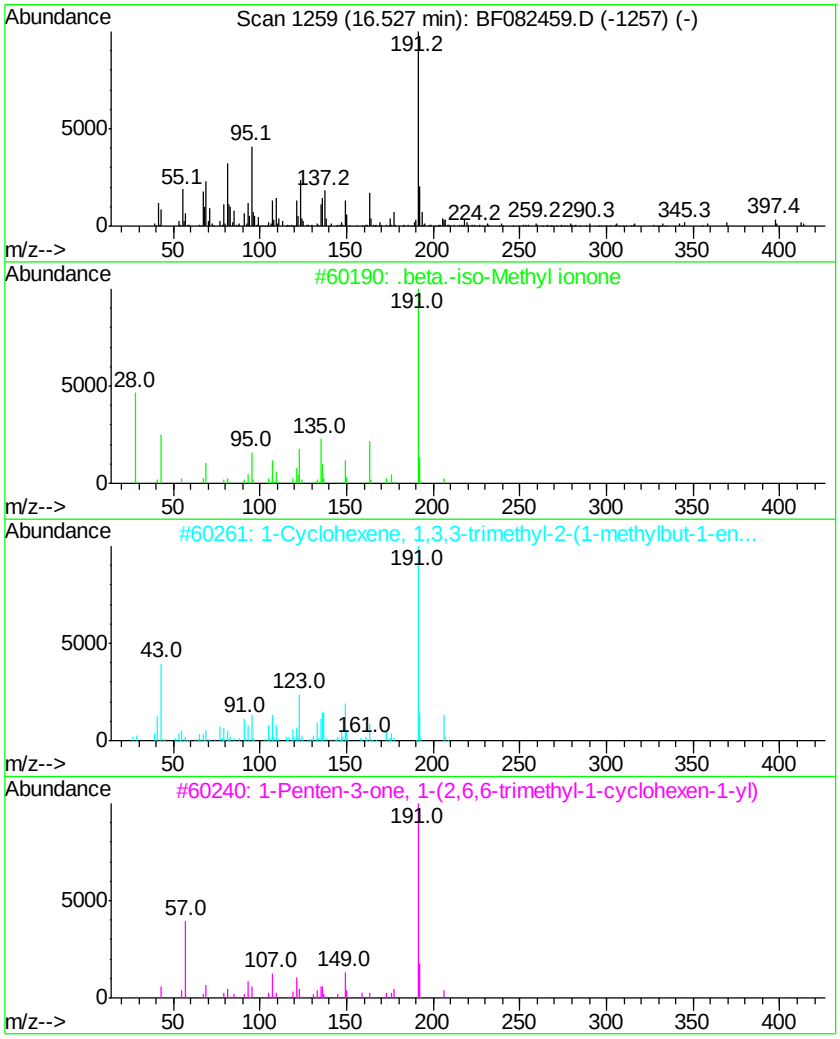
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

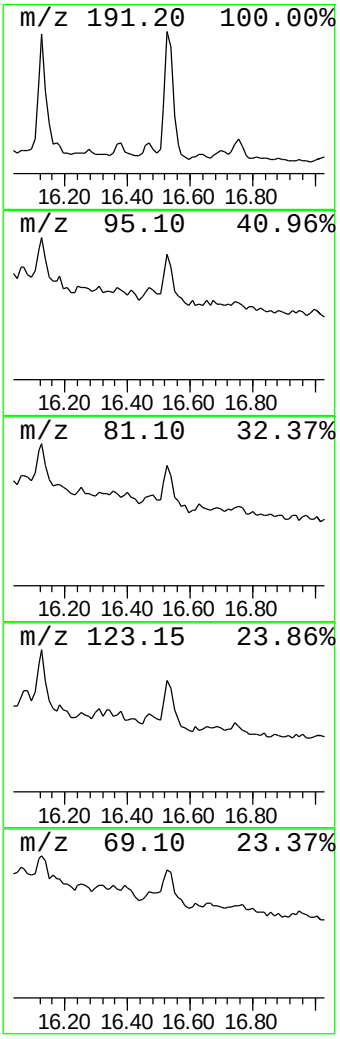
****

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	11.70 ng	595872	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	59
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	53
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	50
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-27-2.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.96	153.9	ng	4483260	1	6.77	582719	20.0
unknown6.54	6.54	34.4	ng	1003220	1	6.77	582719	20.0
Octane, 3,6-dimet...	8.47	8.3	ng	627091	2	8.06	1506900	20.0
Tridecane	8.65	14.0	ng	1056600	2	8.06	1506900	20.0
Dodecane, 2,6,10-...	9.07	7.9	ng	382162	3	9.81	963940	20.0
Tetradecane	9.21	31.6	ng	1524630	3	9.81	963940	20.0
Naphthalene, 2,3-...	9.46	13.2	ng	635550	3	9.81	963940	20.0
Hexadecane	9.74	24.4	ng	1175460	3	9.81	963940	20.0
Naphthalene, 1,4,...	10.01	8.4	ng	407333	3	9.81	963940	20.0
Naphthalene, 2,3,...	10.06	9.2	ng	442698	3	9.81	963940	20.0
Pentadecane, 7-me...	10.24	25.6	ng	1234250	3	9.81	963940	20.0
Eicosane	10.72	39.1	ng	2060760	4	11.30	1053150	20.0
Heptadecane, 8-me...	11.17	17.4	ng	914804	4	11.30	1053150	20.0
2-Bromo dodecane	11.19	10.8	ng	568641	4	11.30	1053150	20.0
Dodecane, 2-methy...	11.59	14.7	ng	772784	4	11.30	1053150	20.0
Tetracosane	12.00	10.7	ng	561861	4	11.30	1053150	20.0
Dodecane, 1-iodo-	12.39	7.9	ng	417064	4	11.30	1053150	20.0
Decane, 3,8-dimet...	13.25	6.8	ng	476071	5	13.98	1390490	20.0
.beta.-iso-Methyl...	16.53	11.7	ng	595872	6	15.48	1018660	20.0