LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

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-BF032416.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	4.996	235	237	244	rBV	284160	415178	16.88%	0.998%
2	5.419	272	274	277	rBV	1713298	2149000	87.40%	5.168%
3	6.059	329	330	334	rBV2	60798	101537	4.13%	0.244%
4	6.344	354	355	359	rVB2	93983	124777	5.07%	0.300%
5	6.459	363	365	368	rBV	1836556	2059969	83.78%	4.953%
6	6.596	374	377	379	rVB	2253164	2458861	100.00%	5.913%
7	6.653	379	382	386	rVB3	44830	96207	3.91%	0.231%
8	6.824	395	397	400	rVB2	751398	777229	31.61%	1.869%
9	6.882	400	402	404	rBV	77203	69280	2.82%	0.167%
10	6.984	408	411	413	rBV	1741841	2024658	82.34%	4.869%
11	7.099	416	421	423	rBV3	121267	219964	8.95%	0.529%
12	7.144	423	425	426	rBV2	107841	147424	6.00%	0.354%
13	7.167	426	427	429	rVB	77101	69230	2.82%	0.166%
14	7.213	429	431	433	rBV2	161055	161527	6.57%	0.388%
15	7.316	436	440	441	rBV3	56021	89500	3.64%	0.215%
16	7.362	441	444	445	rBV2	154015	225903	9.19%	0.543%
17	7.396	445	447	449	rVB	1118419	1477453	60.09%	3.553%
18	7.476	451	454	456	rBV3	98321	152179	6.19%	0.366%
19	7.544	458	460	462	rVB	73900	85156	3.46%	0.205%
20	7.624	462	467	469	rVB3	182359	380983	15.49%	0.916%
21	7.750	473	478	480	rBV5	136033	430532	17.51%	1.035%
22	7.796	480	482	484	rVB2	123610	144998	5.90%	0.349%
23	7.830	484	485	486	rBV	161925	174037	7.08%	0.418%
24	7.853	486	487	491	rVB3	133968	248803	10.12%	0.598%
25	7.910	491	492	493	rBV	104338	98422	4.00%	0.237%
26	7.979	497	498	500	rBV2	86539	98246	4.00%	0.236%
27	8.070	503	506	507	rBV3	99971	223558	9.09%	0.538%
28	8.105	507	509	513	rBV	681522	991546	40.33%	2.384%
29	8.173	513	515	516	rVB	461612	367926	14.96%	0.885%
30	8.196	516	517	519	rVB2	52438	70030	2.85%	0.168%
31	8.276	521	524	526	rBV3	74659	174259	7.09%	0.419%
32	8.310	526	527	529	rVB	140778	130910	5.32%	0.315%
33	8.402	532	535	539	rVB4	245051	460858	18.74%	1.108%
34	8.459	539	540	541	rBV	163057	122612	4.99%	0.295%

LSC Area Percent Report

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Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.493	541	543	545	rVB2	229507	210807	8.57%	0.507%
36	8.539	545	547	549	rBV	587671	680828	27.69%	1.637%
37	8.573	549	550	552	rVB2	128188	110510	4.49%	0.266%
38	8.619	552	554	555	rBV	191022	205825	8.37%	0.495%
39	8.653	555	557	560	rBV3	121244	191407	7.78%	0.460%
40	8.699	560	561	563	rBV	123190	213445	8.68%	0.513%
41	8.767	563	567	568	rVV3	142549	219705	8.94%	0.528%
42	8.802	568	570	571	rVB	228124	228795	9.30%	0.550%
43	8.859	573	575	576	rBV2	72743	74613	3.03%	0.179%
44	8.927	577	581	585	rVB5	153387	426255	17.34%	1.025%
45	8.985	585	586	587	rBV	188669	200871	8.17%	0.483%
46	9.019	587	589	591	rVV3	197974	247503	10.07%	0.595%
47	9.110	595	597	598	rBV2	110070	160864	6.54%	0.387%
48	9.133	598	599	601	rVB	725696	571273	23.23%	1.374%
49	9.190	601	604	606	rVB	2364774	2422540	98.52%	5.825%
50	9.270	608	611	613	rBV3	219274	457891	18.62%	1.101%
51	9.339	613	617	619	rVB4	122970	266613	10.84%	0.641%
52	9.385	619	621	623	rVB2	135727	135087	5.49%	0.325%
53	9.453	624	627	629	rBV2	250129	360946	14.68%	0.868%
54	9.522	629	633	634	rBV	473425	521387	21.20%	1.254%
55	9.590	636	639	640	rVV3	1119764	1327061	53.97%	3.191%
56	9.613	640	641	642	rVV	114610	90476	3.68%	0.218%
57	9.648	642	644	645	rVB2	90185	119991	4.88%	0.289%
58	9.728	649	651	653	rBV2	146038	201279	8.19%	0.484%
59	9.773	653	655	656	rVB2	258595	212350	8.64%	0.511%
60	9.808	656	658	659	rBV2	72140	95627	3.89%	0.230%
61	9.865	659	663	665	rBV	837643	1040234	42.31%	2.501%
62	9.899	665	666	668	rVV2	75530	71335	2.90%	0.172%
63	9.968	671	672	674	rVB	215383	219738	8.94%	0.528%
64	10.025	674	677	679	rBV4	147742	312263	12.70%	0.751%
65	10.059	679	680	683	rVB3	316625	341143	13.87%	0.820%
66	10.128	683	686	689	rVB4	266984	597535	24.30%	1.437%
67	10.185	689	691	692	rBV	170456	274688	11.17%	0.661%
68	10.230	694	695	697	rBV2	89056	104405	4.25%	0.251%
69	10.288	697	700	702	rBV3	115036	262286	10.67%	0.631%
70	10.322	702	703	704	rBV	90666	76618	3.12%	0.184%
71	10.402	708	710	711	rBV2	135392	175075	7.12%	0.421%

LSC Area Percent Report

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Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.516	717	720	723	rBV	917750	990162	40.27%	2.381%
73	10.562	723	724	726	rVB2	96301	103376	4.20%	0.249%
74	10.653	726	732	734	rBV2	1138493	1393912	56.69%	3.352%
75	10.688	734	735	738	rVB3	51389	67685	2.75%	0.163%
76	10.779	741	743	747	rVB	1278282	1448312	58.90%	3.483%
77	10.848	747	749	753	rBV3	85415	178627	7.26%	0.430%
78	10.962	756	759	760	rBV2	70292	144531	5.88%	0.348%
79	10.985	760	761	764	rVB3	143573	187935	7.64%	0.452%
80	11.111	769	772	774	rBV3	95180	172378	7.01%	0.415%
81	11.248	781	784	787	rVB	703731	842511	34.26%	2.026%
82	11.351	790	793	795	rBV	464827	665276	27.06%	1.600%
83	11.591	812	814	816	rBV	213353	236074	9.60%	0.568%
84	11.876	837	839	841	rVB	137442	135441	5.51%	0.326%
85	12.322	876	878	883	rVV	103968	141291	5.75%	0.340%
86	12.391	883	884	886	rVB	100922	92234	3.75%	0.222%
87	12.654	905	907	911	rBV4	41132	90474	3.68%	0.218%
88	12.745	913	915	917	rVB3	141128	175987	7.16%	0.423%
89	12.928	929	931	933	rBV	1848519	1656821	67.38%	3.984%
90	13.408	971	973	975	rVB	104308	97549	3.97%	0.235%
91	13.454	975	977	979	rVB	110391	95298	3.88%	0.229%
92	13.499	979	981	983	rBV	81860	70955	2.89%	0.171%
93	13.831	1007	1010	1015	rVB	217343	325552	13.24%	0.783%
94	13.979	1019	1023	1025	rBV	654680	639782	26.02%	1.538%
95	14.139	1035	1037	1040	rBV	153022	155911	6.34%	0.375%
96	14.448	1061	1064	1066	rBV	166518	168077	6.84%	0.404%
97	14.745	1087	1090	1092	rBV	115646	124625	5.07%	0.300%
98	15.065	1115	1118	1120	rBV	71013	101913	4.14%	0.245%
99	15.397	1144	1147	1153	rBV	427835	563155	22.90%	1.354%
100	15.820	1182	1184	1187	rBV	39383	68657	2.79%	0.165%

Sum of corrected areas: 41586522

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
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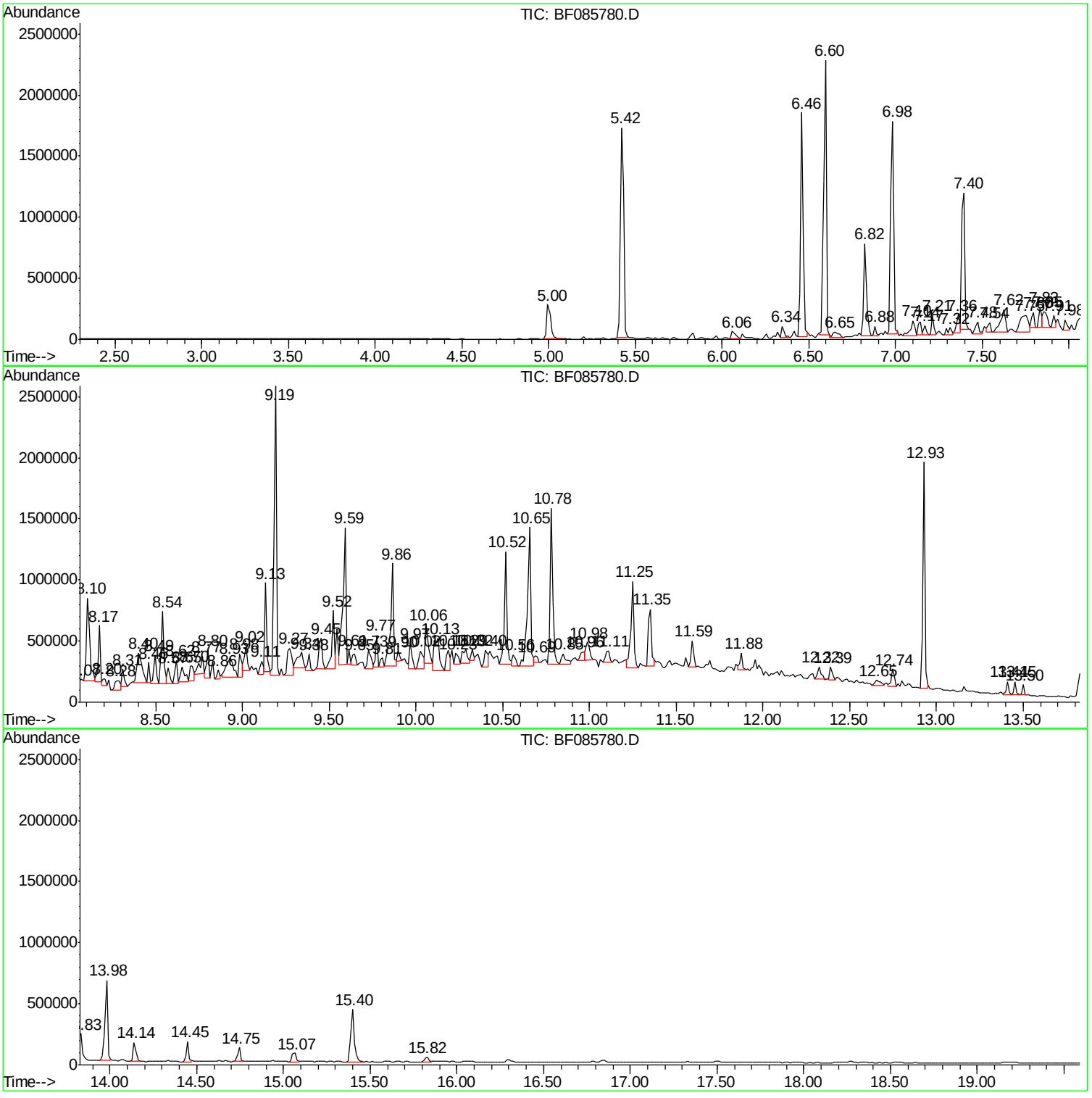
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF032516\
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Acq On : 26 Mar 2016 00:07
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Sample : H1834-11
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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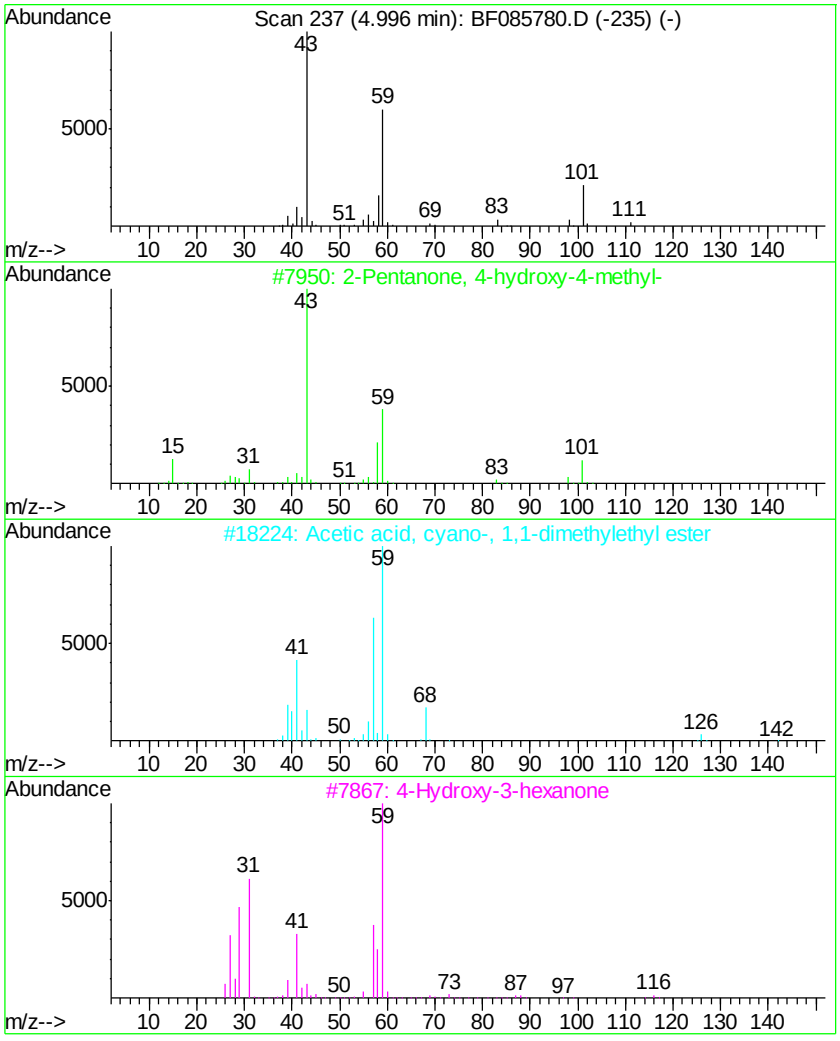
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

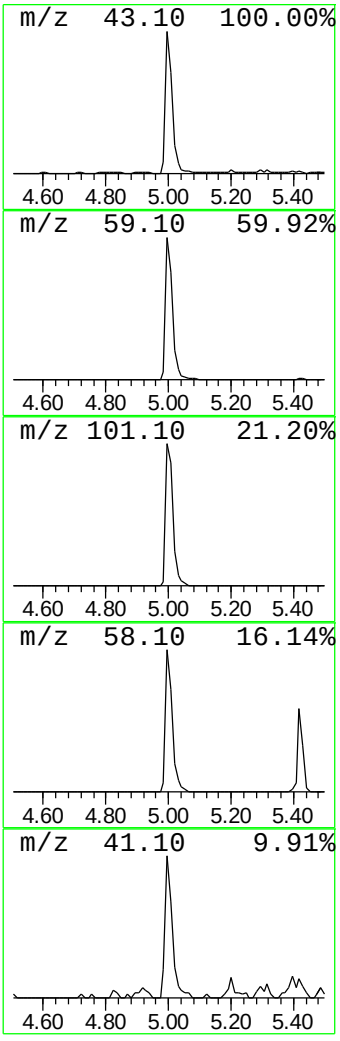
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	10.68 ng	415178	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

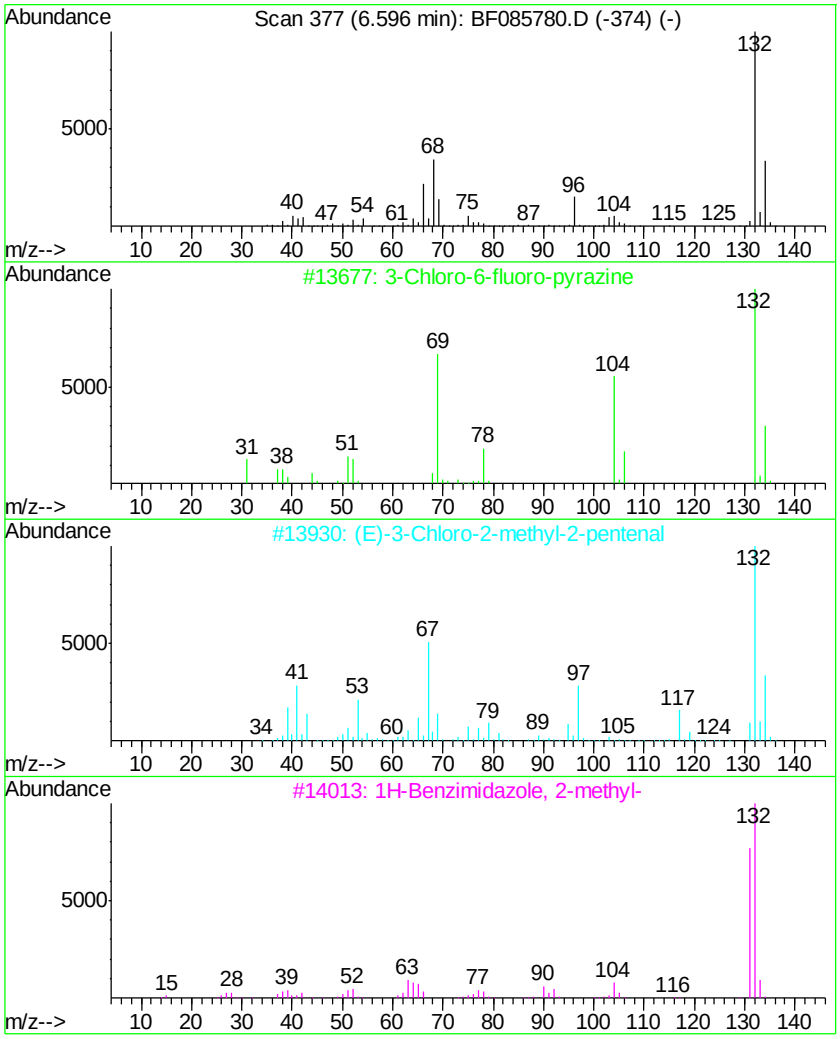
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

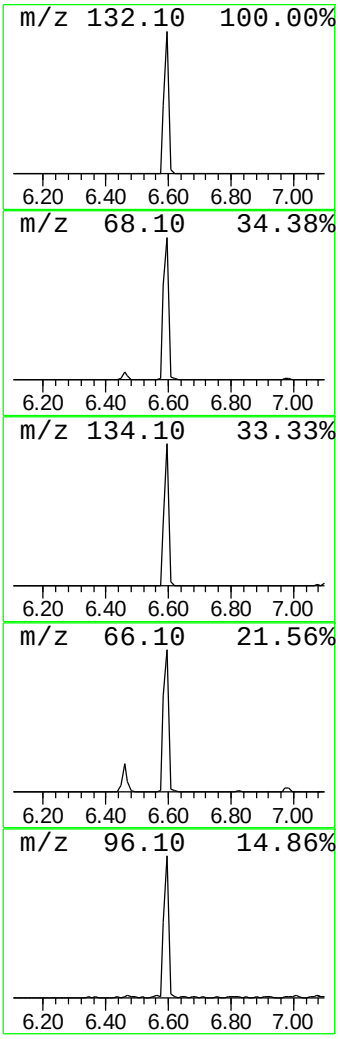
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	63.27 ng	2458860	1,4-Dichlorobenzene-d4	6.82

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	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : H1834-11
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Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

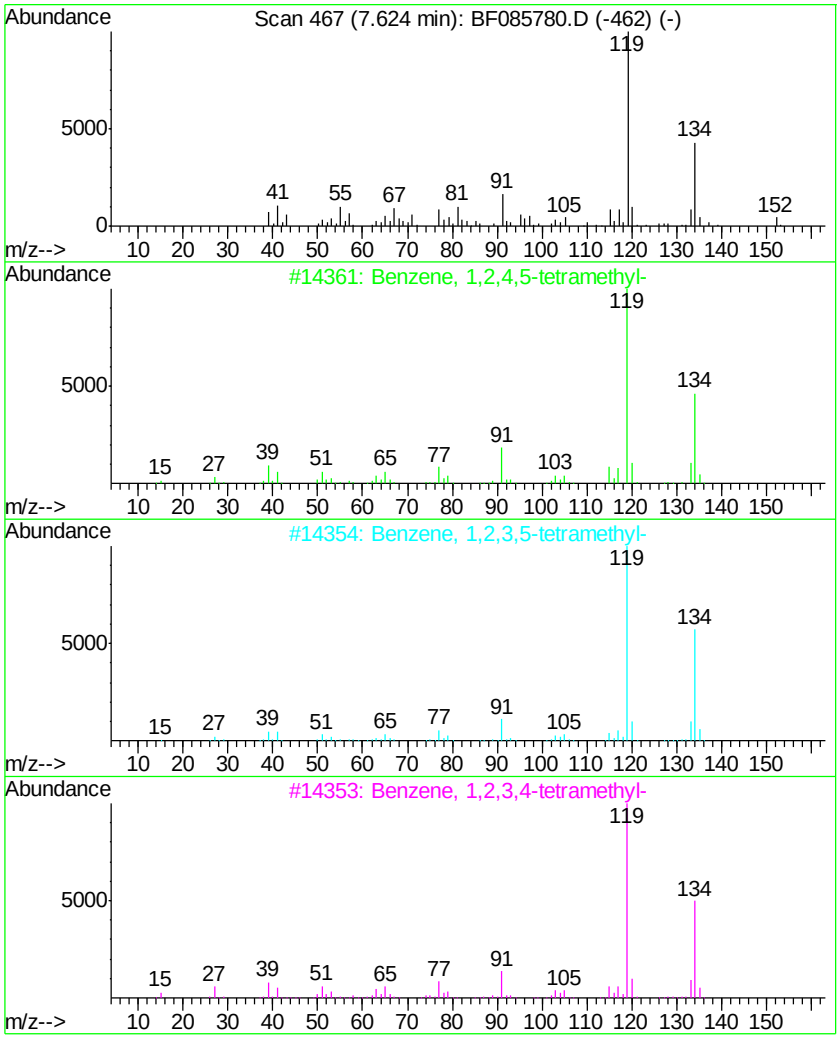
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

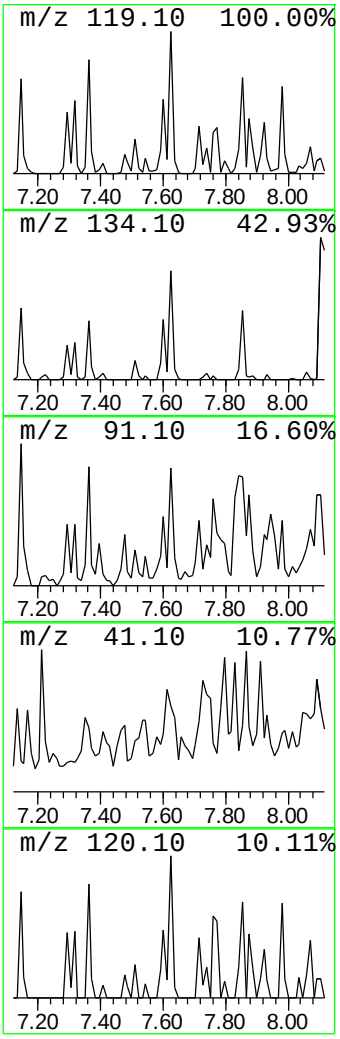
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	7.68 ng	380983	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

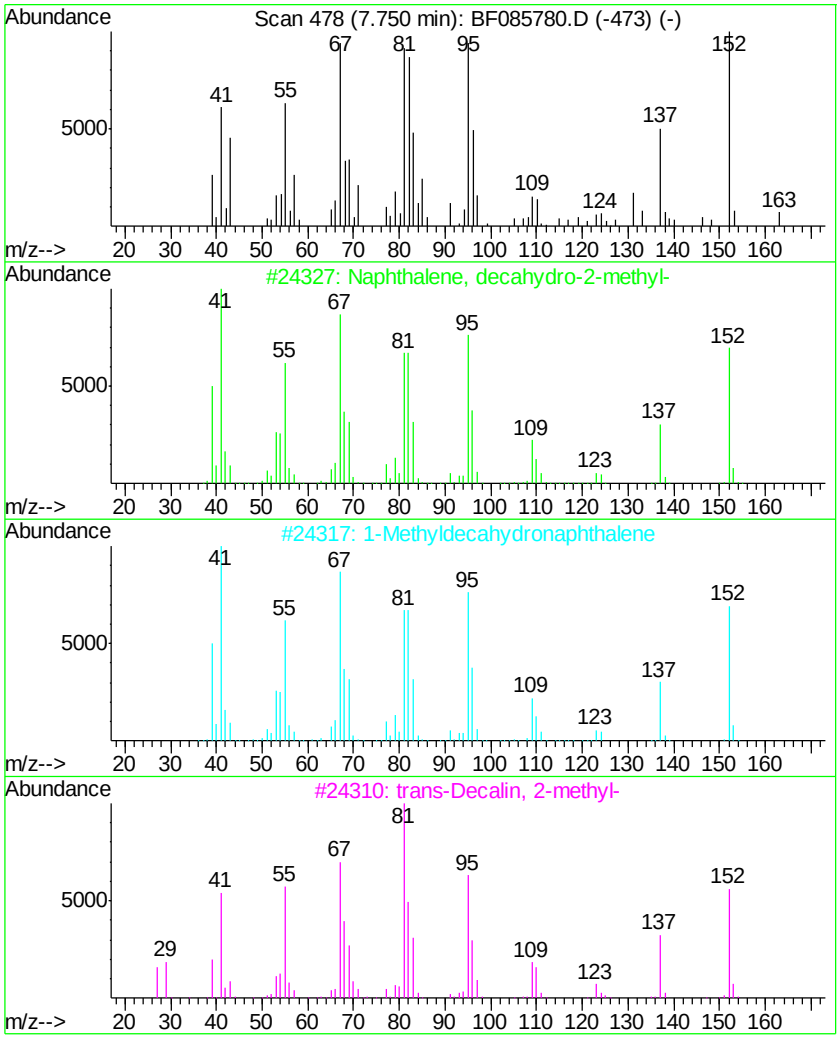
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

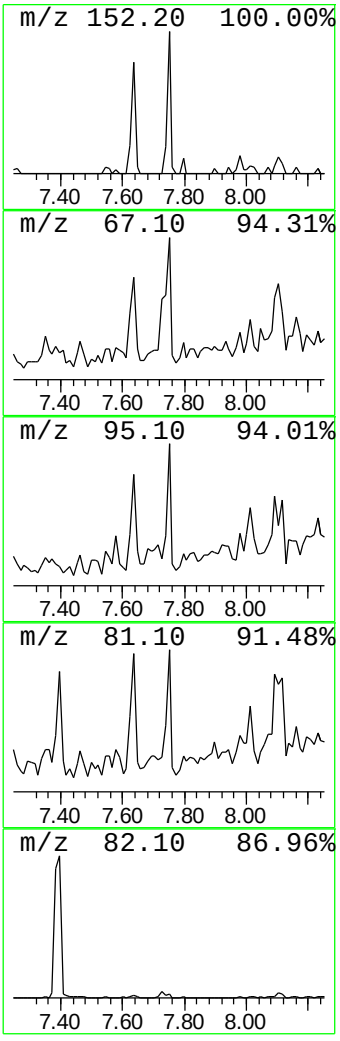
****

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	8.68 ng	430532	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

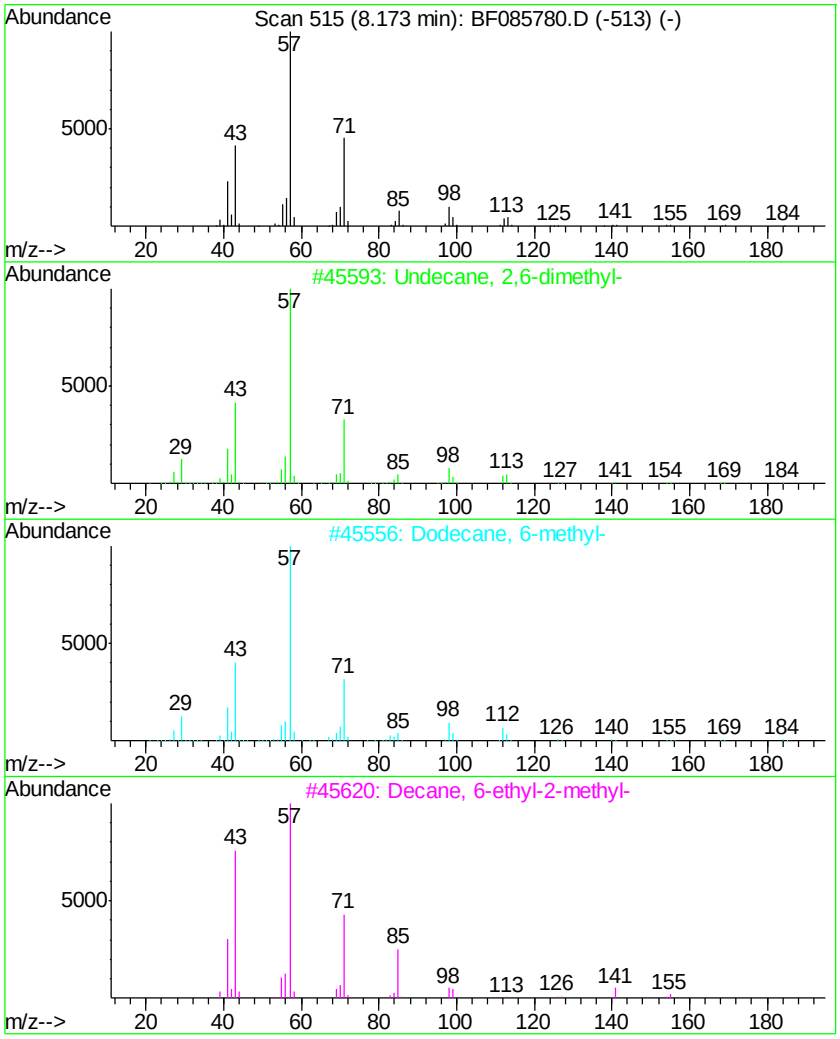
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

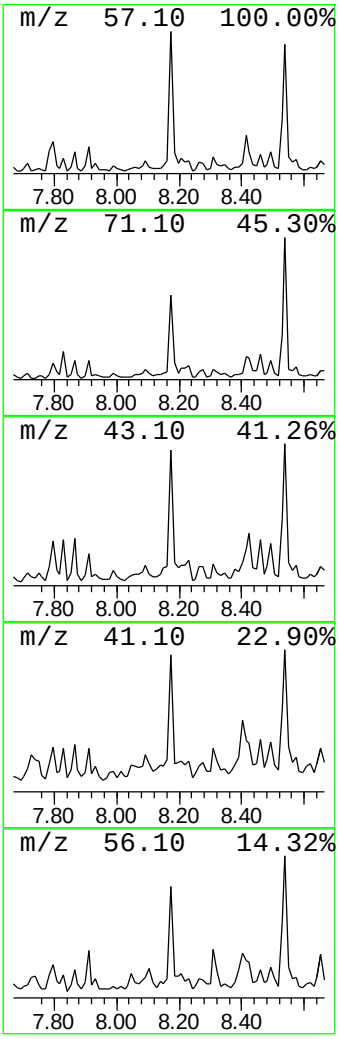
****

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.42 ng	367926	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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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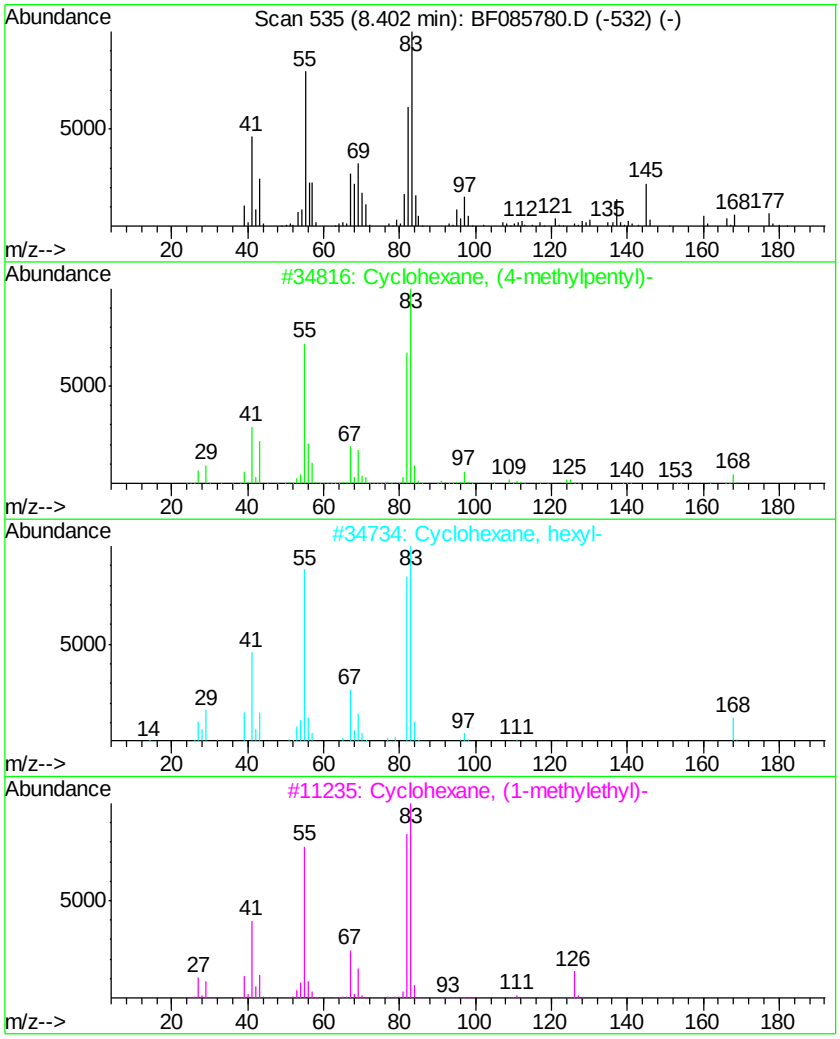
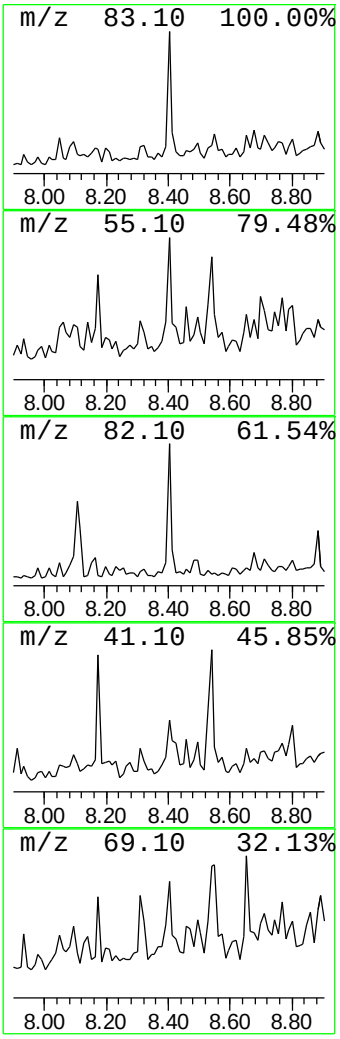
Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	9.30 ng	460858	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4	3-Undecene, 3-methyl-	168	C12H24	023381-94-4	38
5	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	35





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Sample : H1834-11
Misc :
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Instrument : BNA_F
ClientSampleId : 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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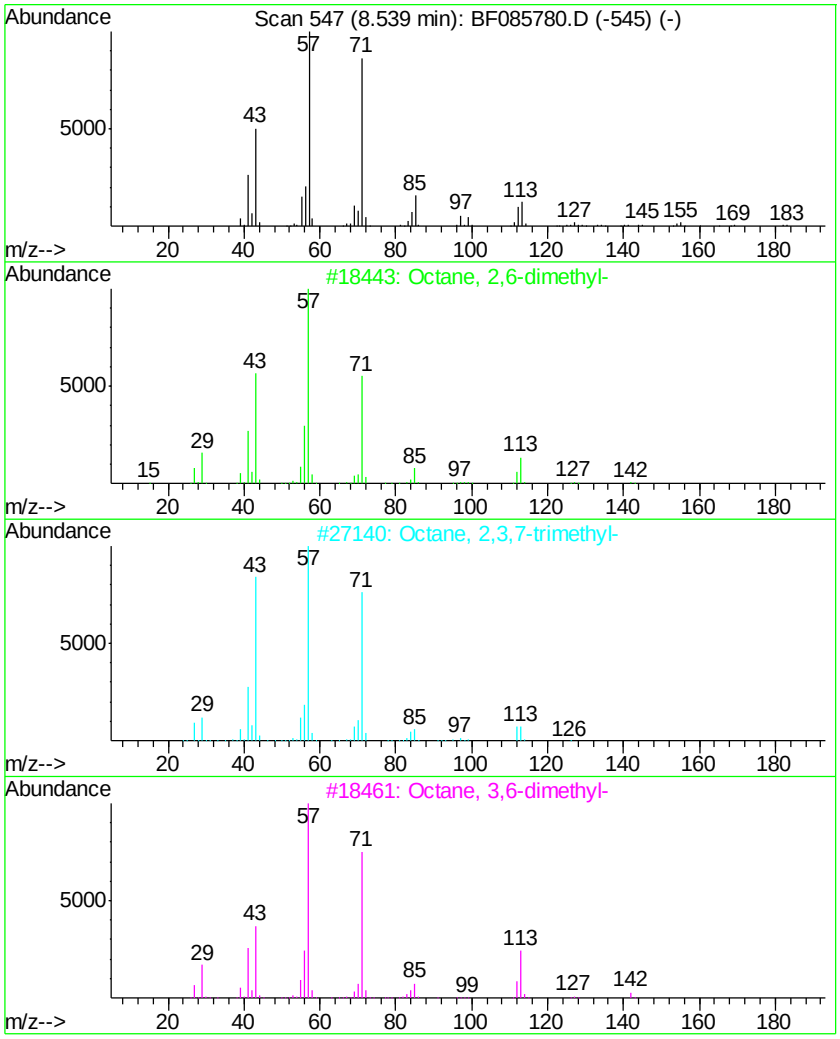
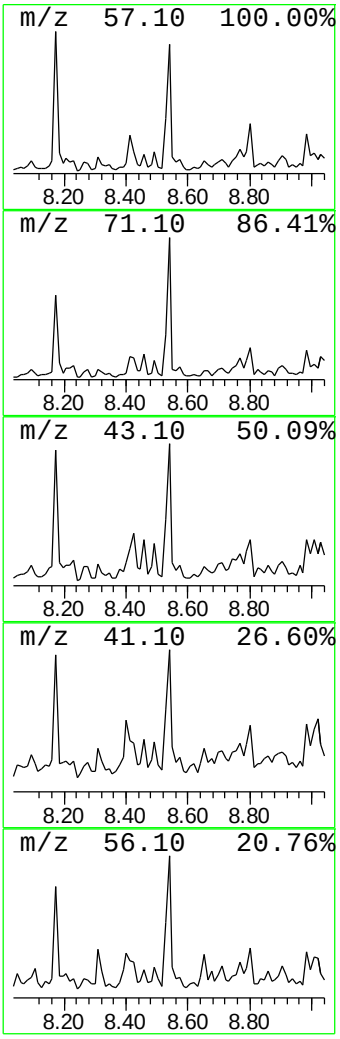
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	13.73 ng	680828	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





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Instrument : BNA_F
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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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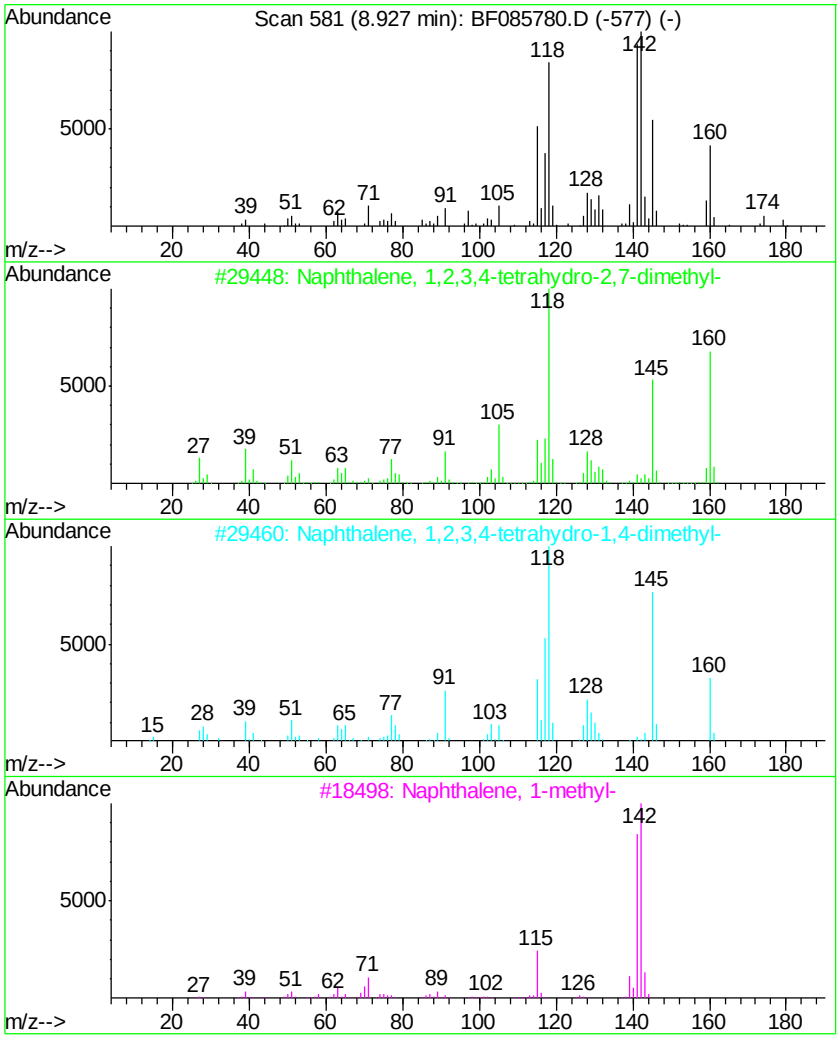
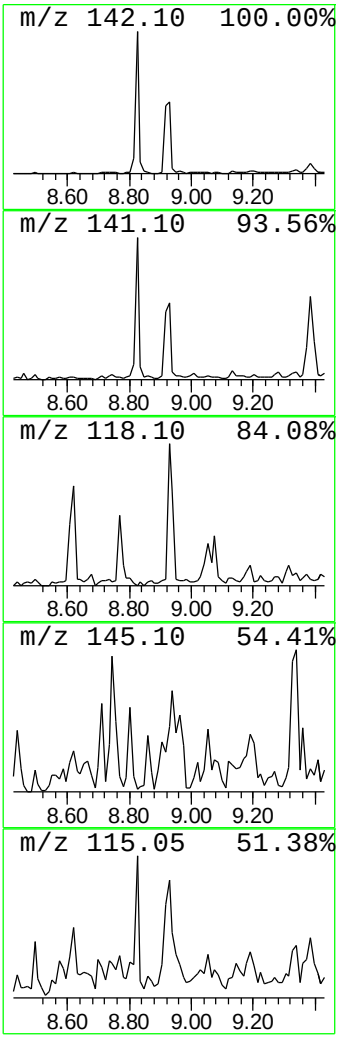
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	8.60 ng	426255	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	46
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46
5	Benzocycloheptatriene	142	C11H10	000264-09-5	45





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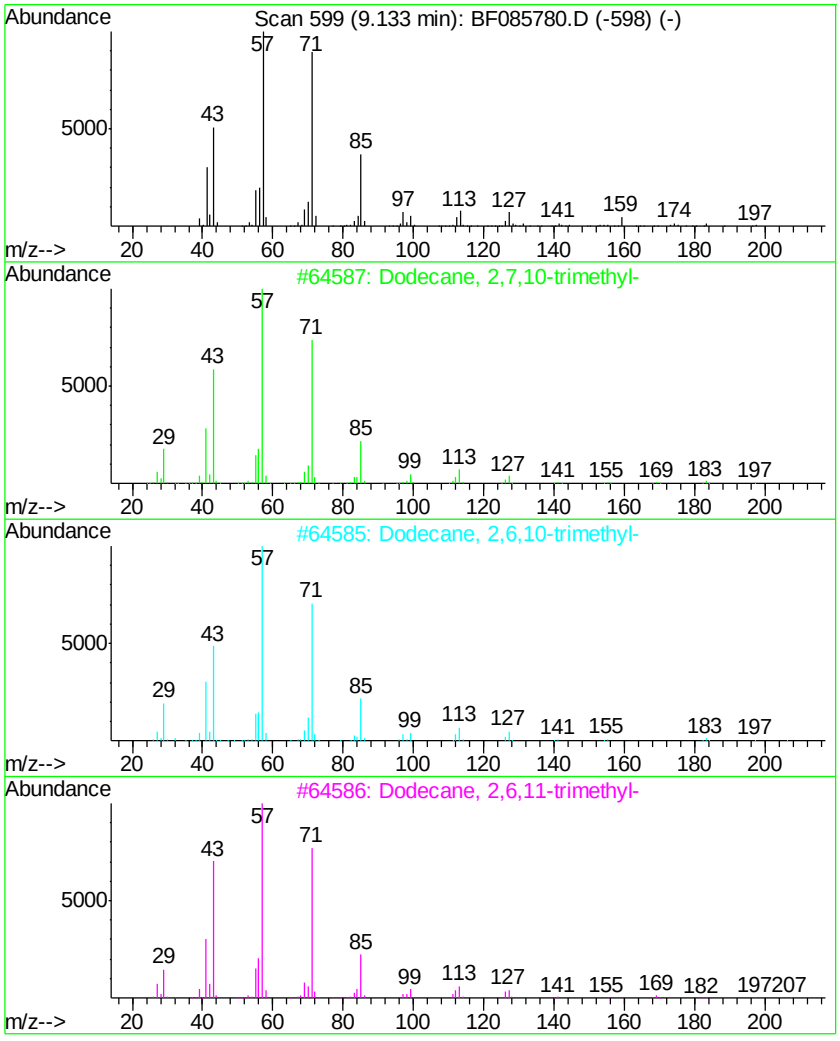
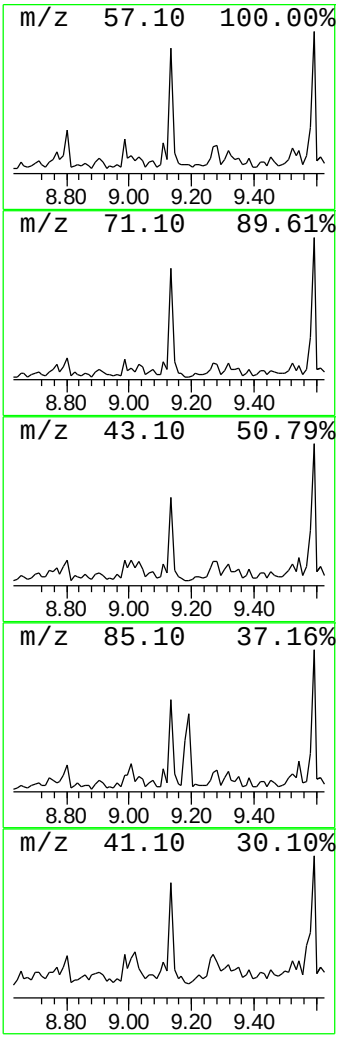
Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	10.98 ng	571273	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72





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ClientSampleId : 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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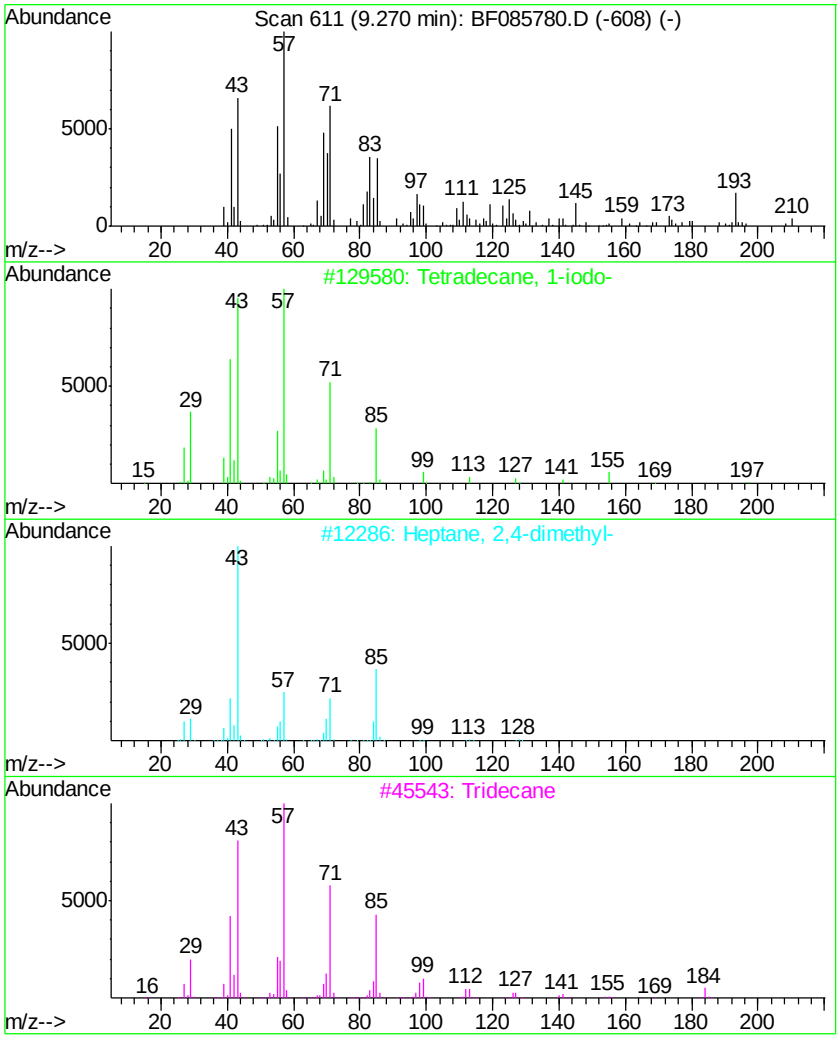
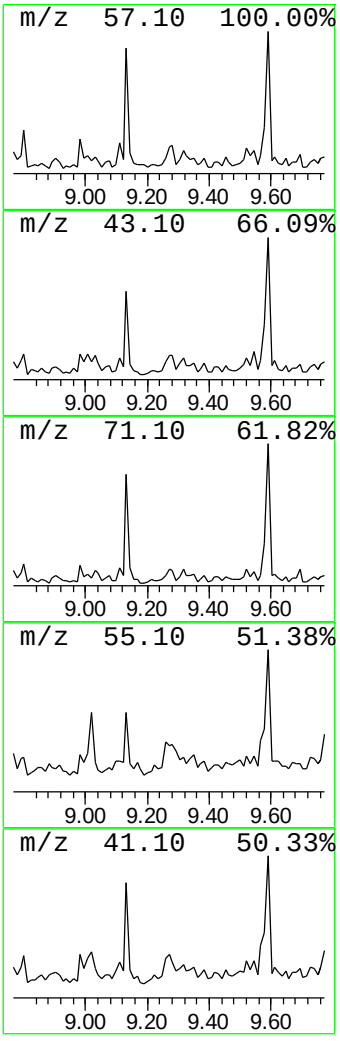
Peak Number 11 unknown9.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	8.80 ng	457891	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
3	Tridecane	184	C13H28	000629-50-5	38
4	Pentadecane	212	C15H32	000629-62-9	35
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35





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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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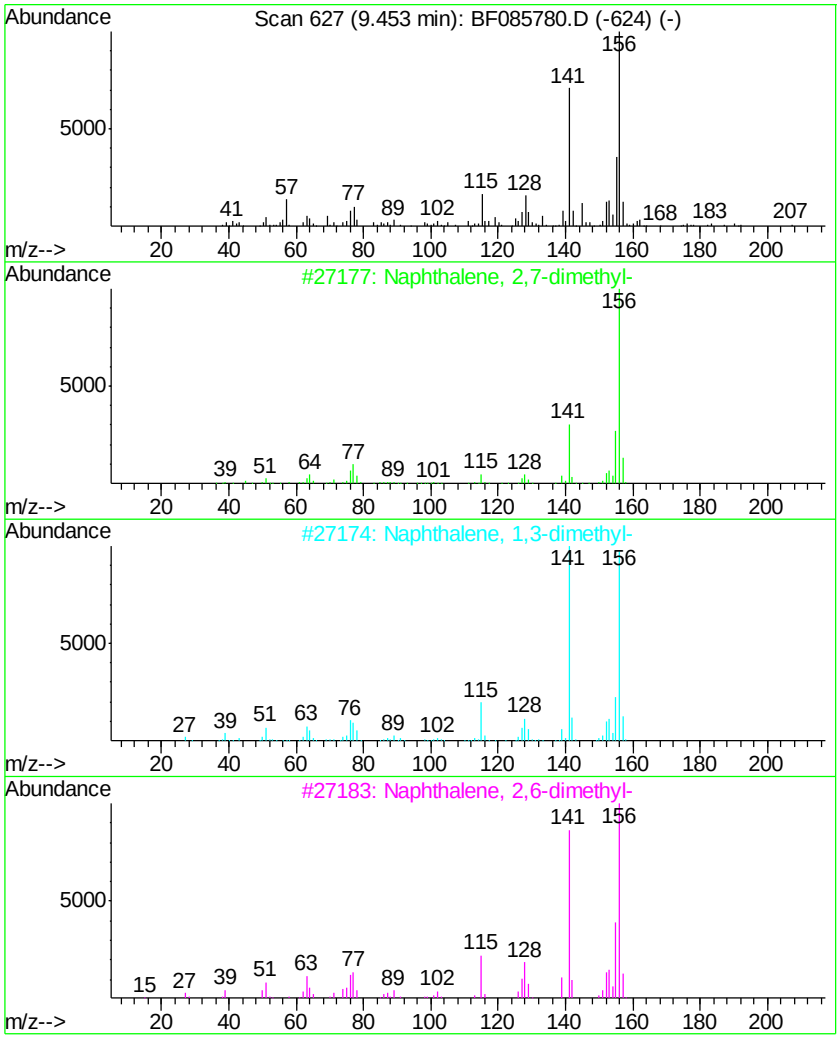
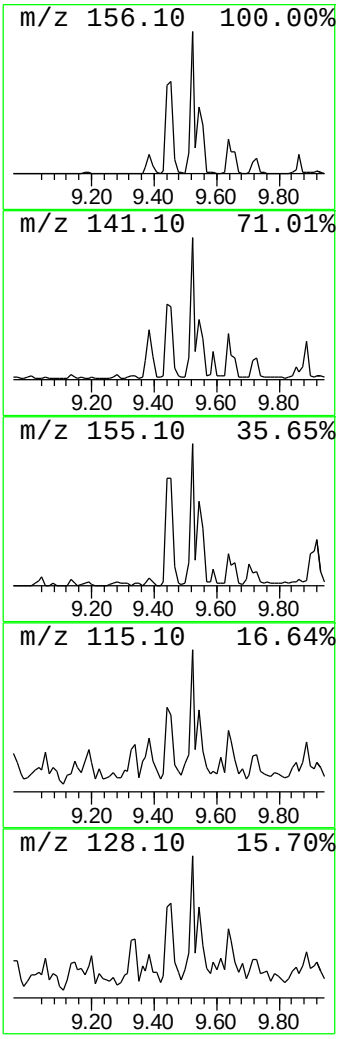
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	6.94 ng	360946	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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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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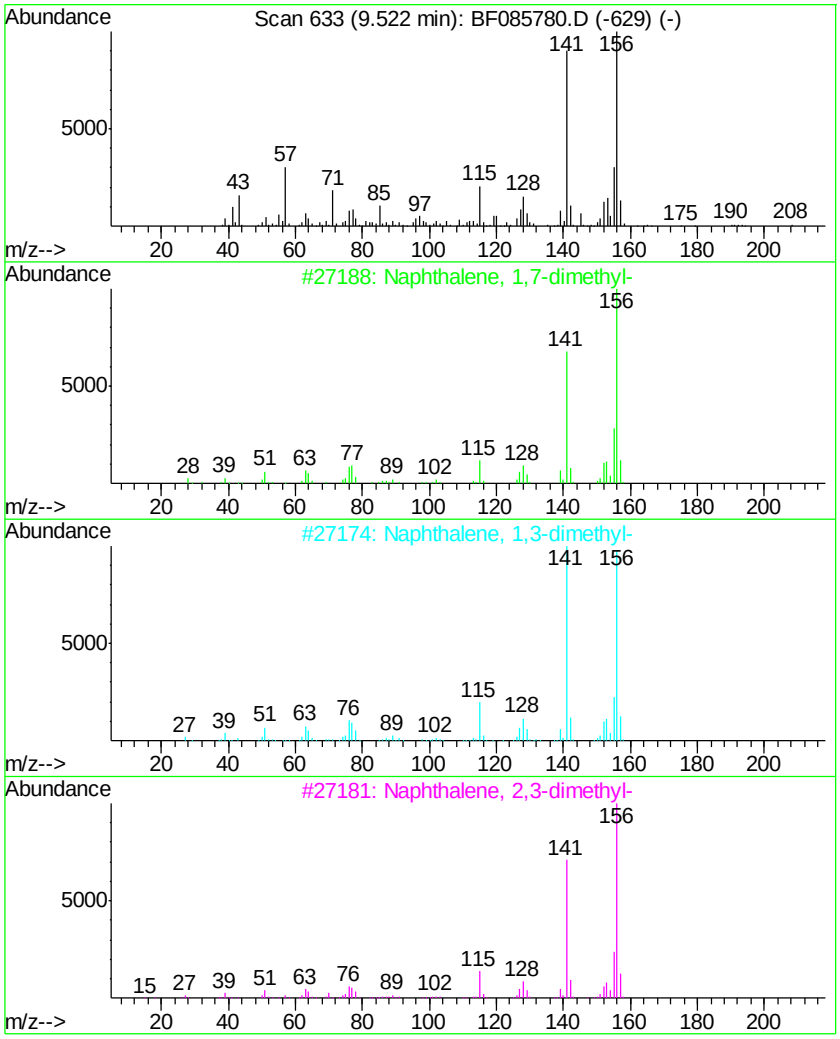
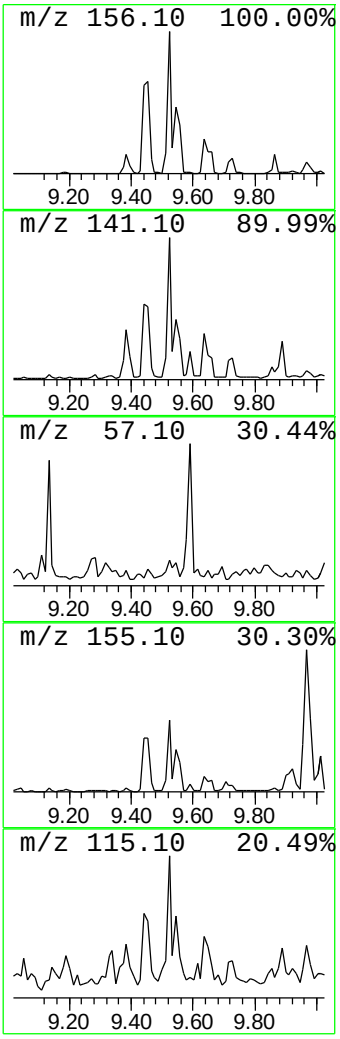
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	10.02 ng	521387	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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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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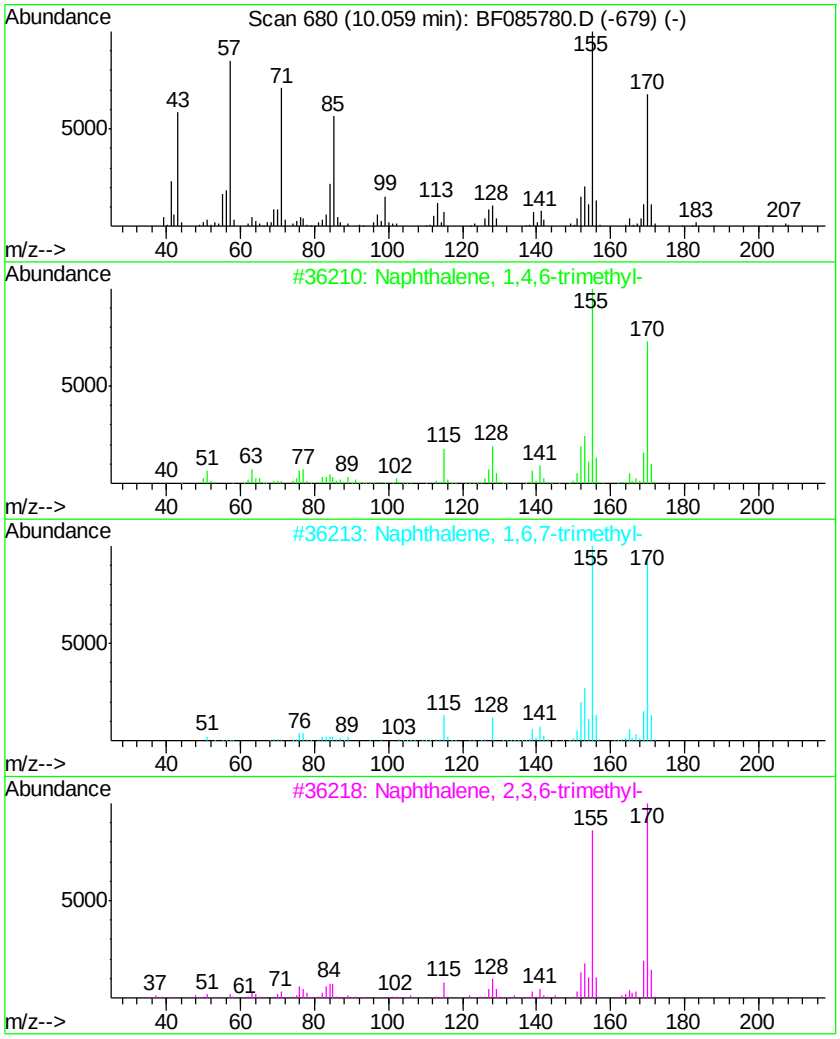
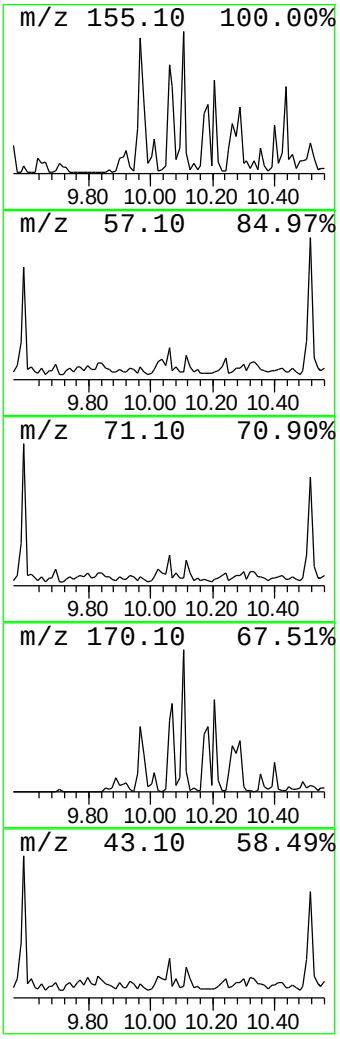
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	6.56 ng	341143	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	70
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60





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TIC Integration Parameters: LSCINT.P

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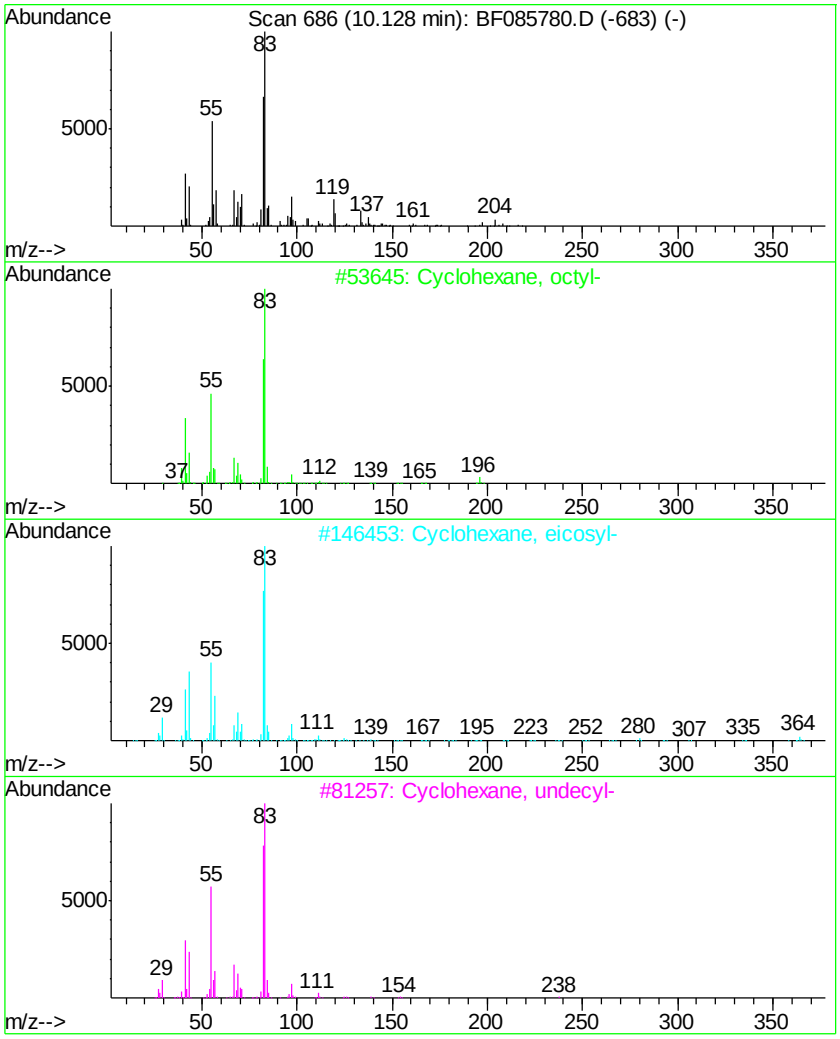
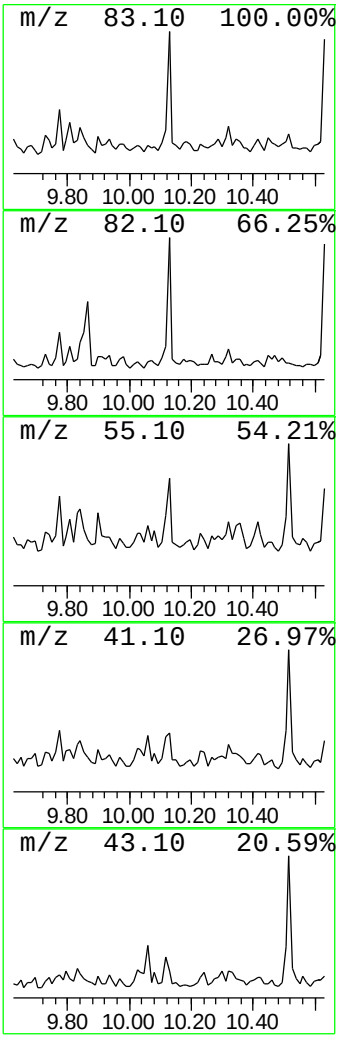
Peak Number 15 Cyclohexane, octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	11.49 ng	597535	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	68
2	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





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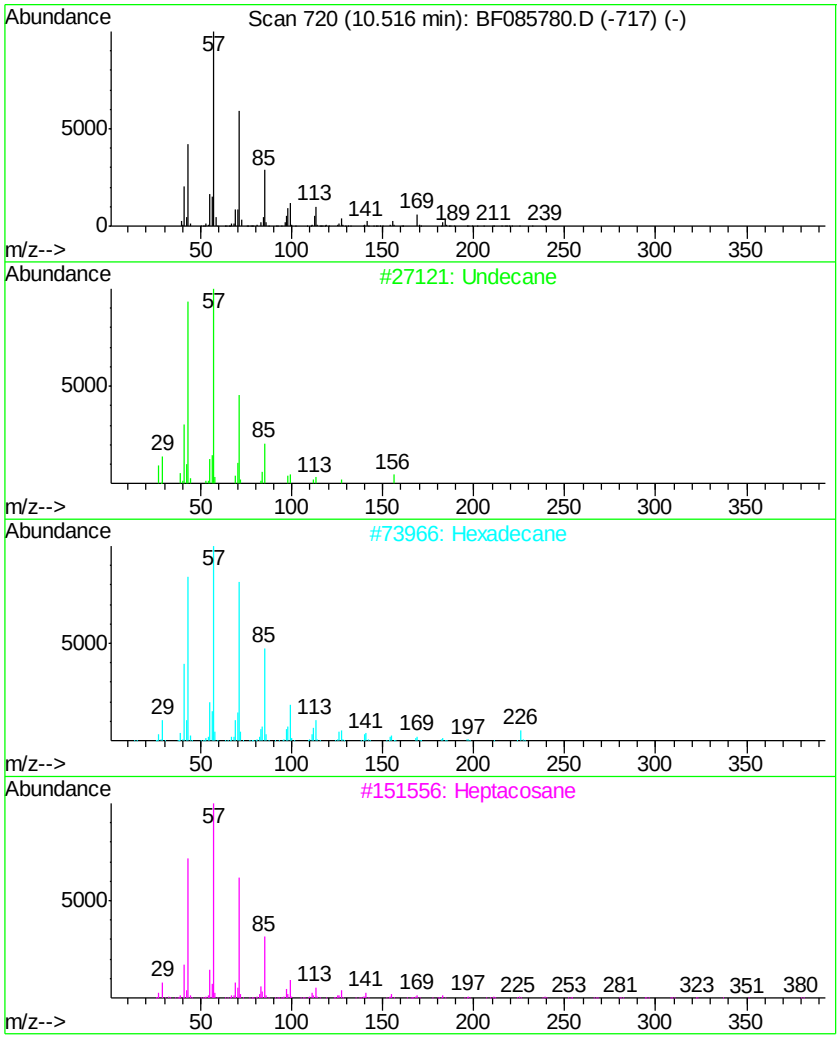
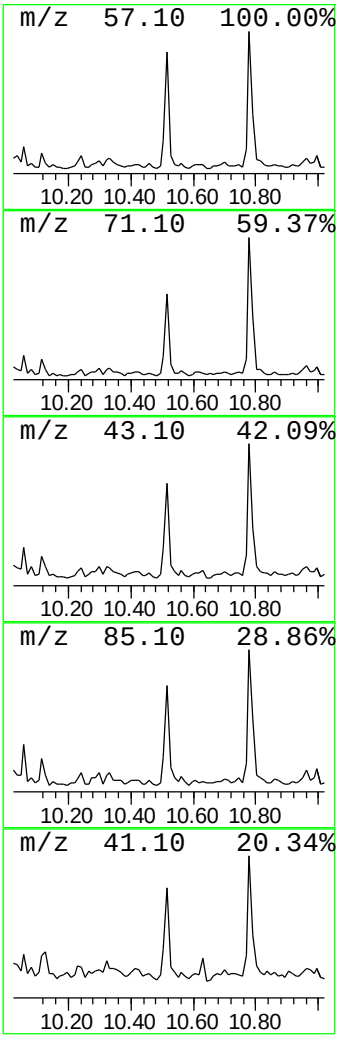
Peak Number 16 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	19.04 ng	990162	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5	Tridecane	184	C13H28	000629-50-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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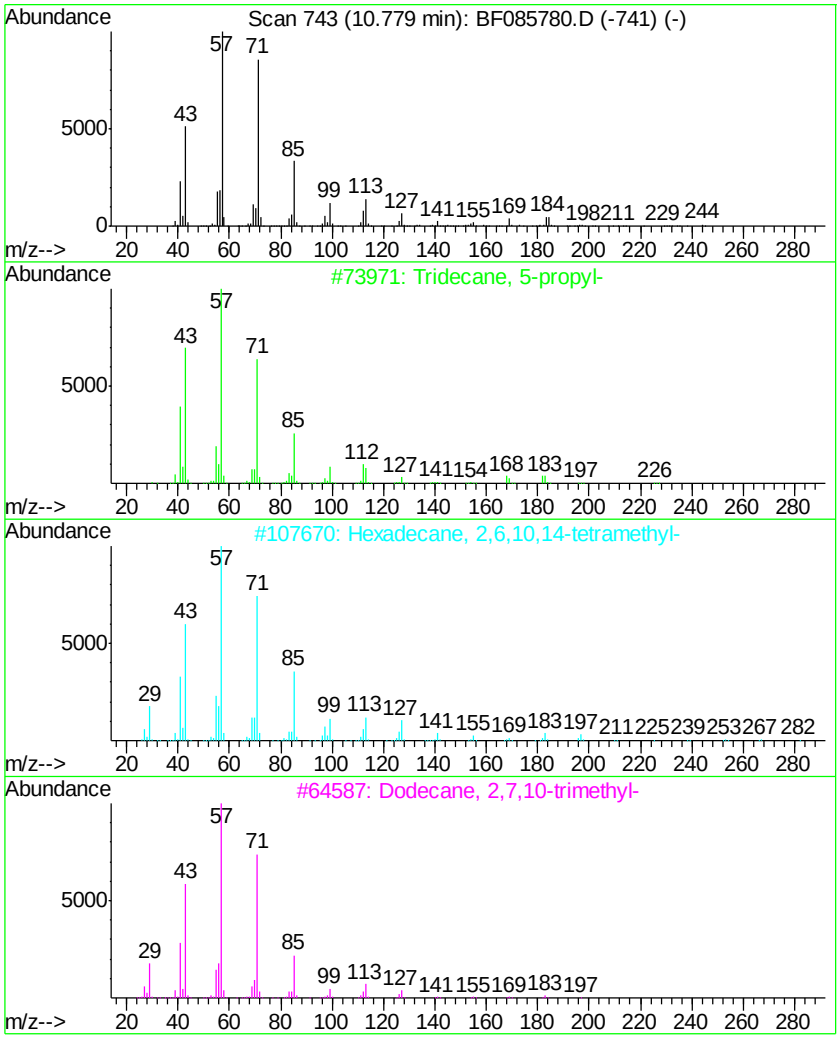
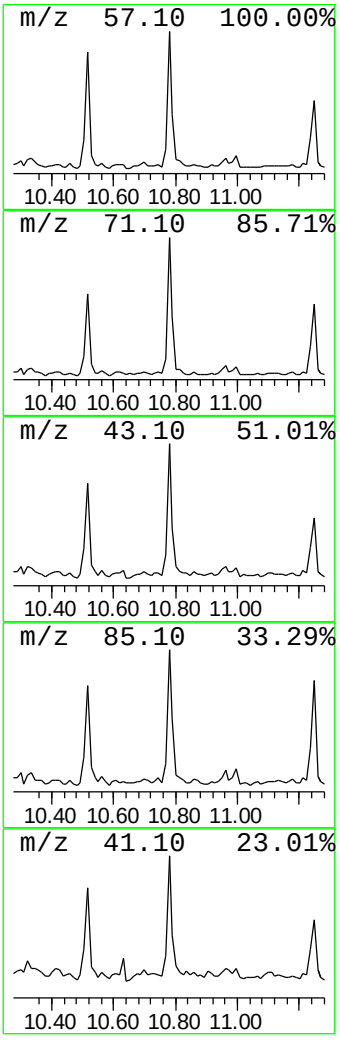
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	43.54 ng	1448310	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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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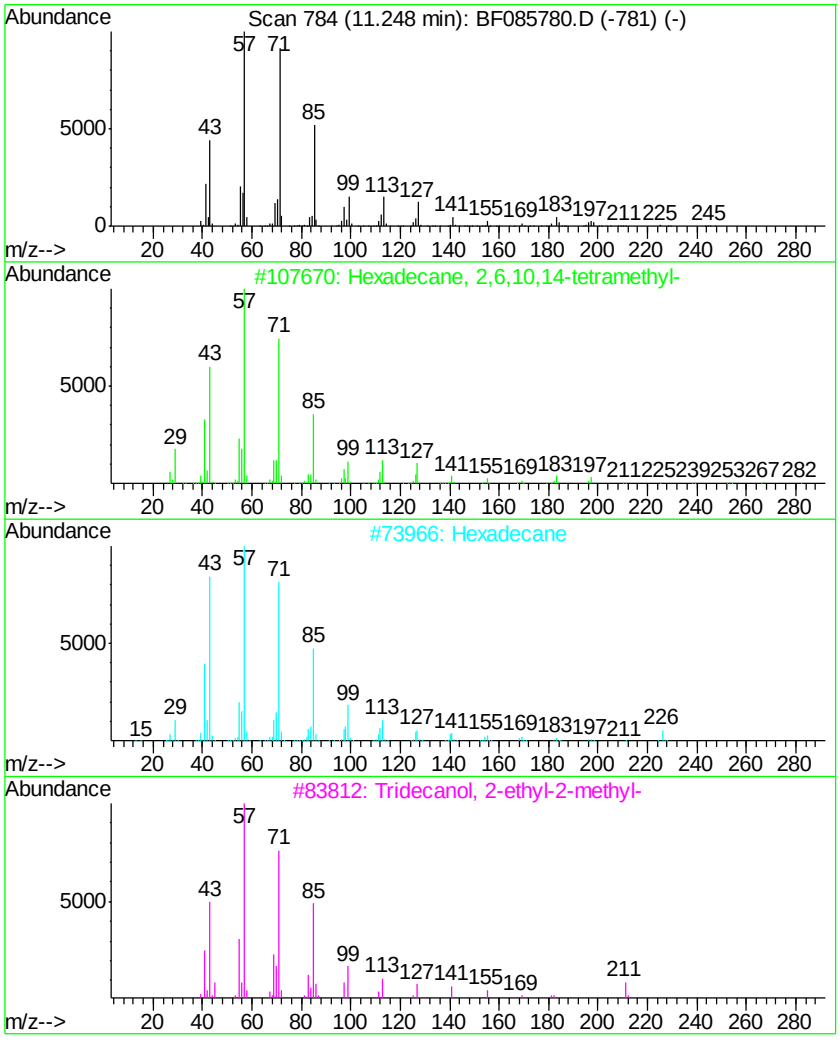
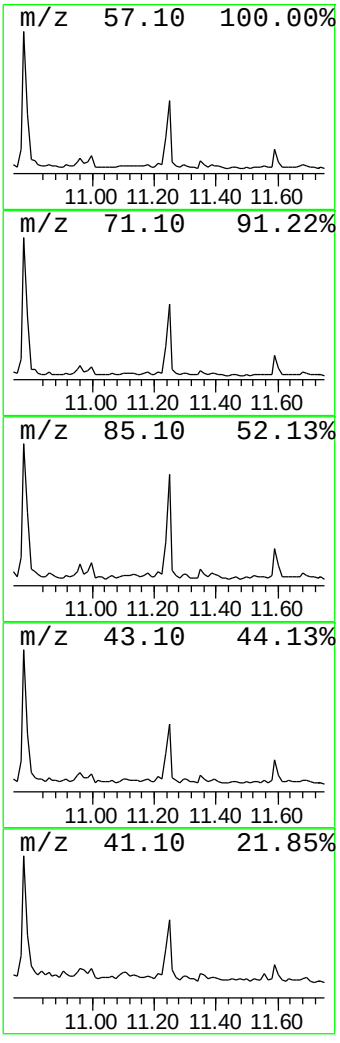
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	25.33 ng	842511	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Heneicosane	296	C21H44	000629-94-7	78





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Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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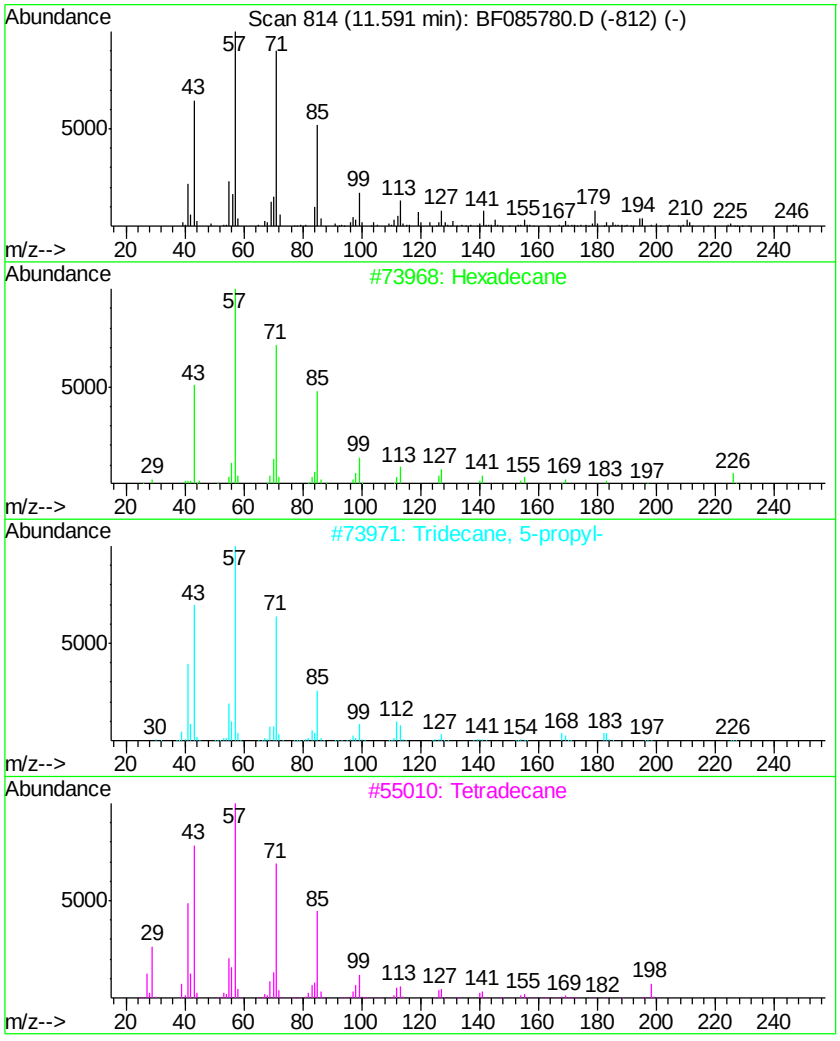
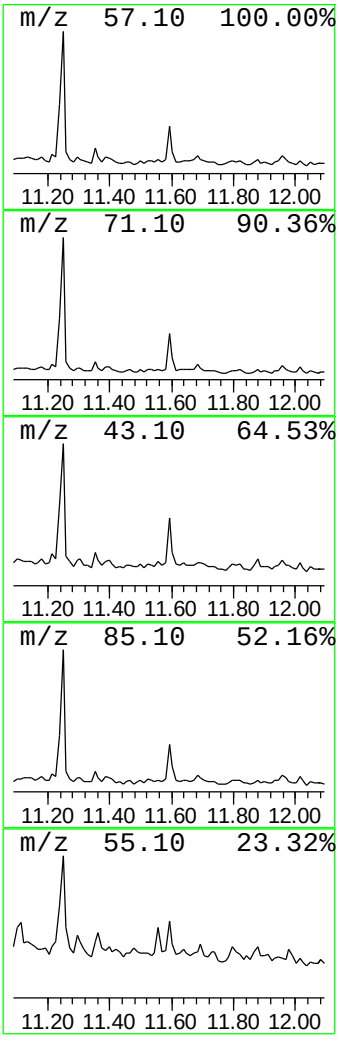
Peak Number 19 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	7.10 ng	236074	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
3	Tetradecane	198	C14H30	000629-59-4	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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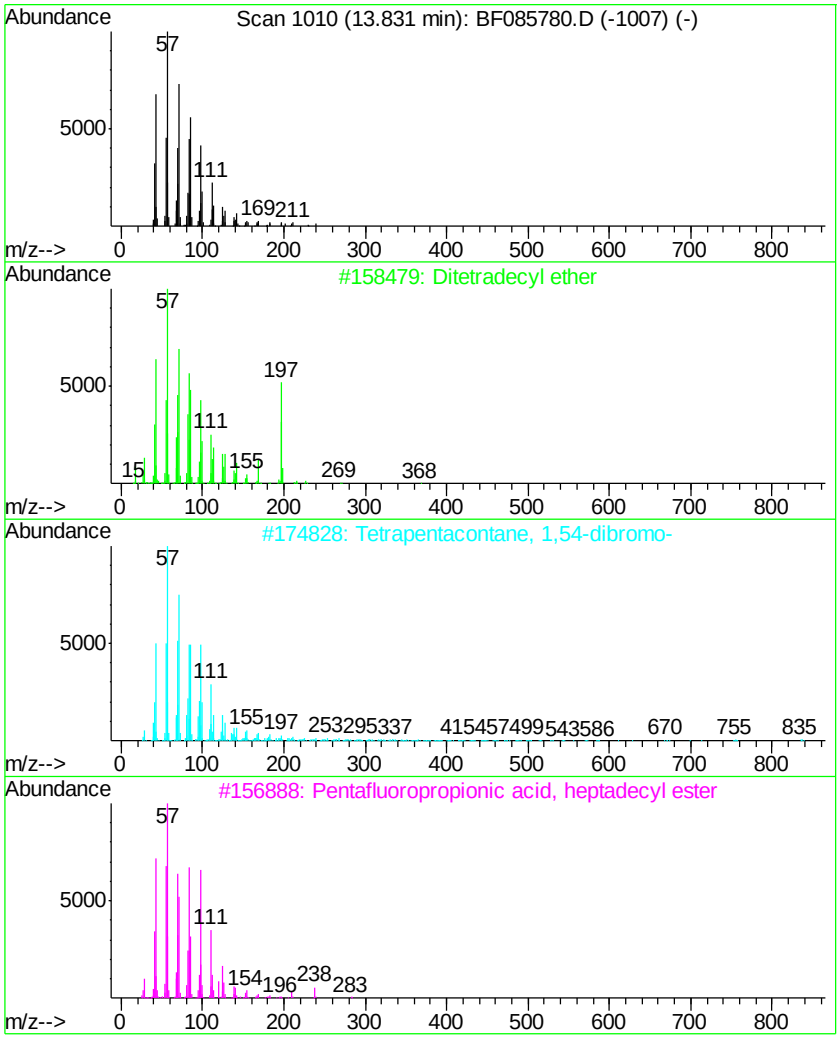
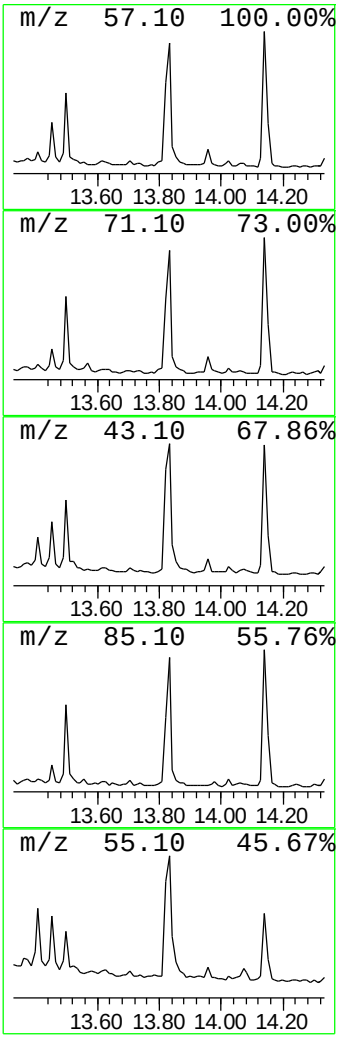
Peak Number 20 Ditetradecyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	10.18 ng	325552	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ditetradecyl ether	410	C28H58O	005412-98-6	87
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	62
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085780.D
Acq On : 26 Mar 2016 00:07
Operator : UM/SJ
Sample : H1834-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	10.7	ng	415178	1	6.82	777229	20.0
unknown6.60	6.60	63.3	ng	2458860	1	6.82	777229	20.0
Benzene, 1,2,4,5-...	7.62	7.7	ng	380983	2	8.10	991546	20.0
Naphthalene, deca...	7.75	8.7	ng	430532	2	8.10	991546	20.0
Undecane, 2,6-dim...	8.17	7.4	ng	367926	2	8.10	991546	20.0
Cyclohexane, (4-m...	8.40	9.3	ng	460858	2	8.10	991546	20.0
Octane, 2,6-dimet...	8.54	13.7	ng	680828	2	8.10	991546	20.0
Naphthalene, 1,2,...	8.93	8.6	ng	426255	2	8.10	991546	20.0
Dodecane, 2,7,10-...	9.13	11.0	ng	571273	3	9.86	1040230	20.0
unknown9.27	9.27	8.8	ng	457891	3	9.86	1040230	20.0
Naphthalene, 2,7-...	9.45	6.9	ng	360946	3	9.86	1040230	20.0
Naphthalene, 1,7-...	9.52	10.0	ng	521387	3	9.86	1040230	20.0
Naphthalene, 1,4,...	10.06	6.6	ng	341143	3	9.86	1040230	20.0
Cyclohexane, octyl-	10.13	11.5	ng	597535	3	9.86	1040230	20.0
Undecane	10.52	19.0	ng	990162	3	9.86	1040230	20.0
Tridecane, 5-propyl-	10.78	43.5	ng	1448310	4	11.35	665276	20.0
Hexadecane, 2,6,1...	11.25	25.3	ng	842511	4	11.35	665276	20.0
Hexadecane	11.59	7.1	ng	236074	4	11.35	665276	20.0
Ditetradecyl ether	13.83	10.2	ng	325552	5	13.98	639782	20.0