LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

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-BF091516.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	1.690	7	9	56	rVB	3226854	8879828	100.00%	15.332%
2	2.718	92	99	106	rVV3	55165	145657	1.64%	0.252%
3	4.559	258	260	262	rVB	76982	95546	1.08%	0.165%
4	4.639	264	267	272	rBV	372979	715592	8.06%	1.236%
5	4.856	284	286	288	rBV2	68355	119606	1.35%	0.207%
6	4.970	294	296	301	rBV2	77048	136295	1.53%	0.235%
7	5.050	301	303	306	rBV2	123736	258423	2.91%	0.446%
8	5.107	306	308	311	rVV	2691332	3028341	34.10%	5.229%
9	5.153	311	312	316	rVB3	63351	114284	1.29%	0.197%
10	5.256	319	321	324	rVB	68069	89055	1.00%	0.154%
11	5.336	326	328	330	rBV2	49138	108045	1.22%	0.187%
12	5.519	339	344	346	rBV2	137746	256807	2.89%	0.443%
13	5.587	346	350	352	rBV3	83512	186760	2.10%	0.322%
14	5.679	355	358	359	rBV2	128891	162248	1.83%	0.280%
15	5.724	359	362	365	rBV2	143208	217921	2.45%	0.376%
16	5.782	365	367	370	rBV3	191456	327603	3.69%	0.566%
17	5.839	370	372	375	rBV2	138140	241938	2.72%	0.418%
18	5.976	380	384	387	rBV2	190618	367664	4.14%	0.635%
19	6.033	387	389	392	rVV2	336659	668383	7.53%	1.154%
20	6.079	392	393	396	rVV3	118418	164200	1.85%	0.284%
21	6.136	396	398	400	rVV2	173064	248936	2.80%	0.430%
22	6.193	400	403	406	rVV	2624507	3182753	35.84%	5.496%
23	6.239	406	407	409	rVB	168282	145344	1.64%	0.251%
24	6.307	410	413	415	rVV	3199904	3399279	38.28%	5.869%
25	6.342	415	416	417	rVV	109572	104844	1.18%	0.181%
26	6.364	417	418	419	rVV	192374	195194	2.20%	0.337%
27	6.399	419	421	423	rVV	122888	225962	2.54%	0.390%
28	6.456	424	426	427	rVV	107979	140223	1.58%	0.242%
29	6.490	427	429	432	rVV4	162813	391307	4.41%	0.676%
30	6.536	432	433	436	rVV	782237	1122517	12.64%	1.938%
31	6.582	436	437	438	rVV	270561	238767	2.69%	0.412%
32	6.605	438	439	442	rVV2	123263	308196	3.47%	0.532%
33	6.696	444	447	452	rVV2	2719891	3102518	34.94%	5.357%
34	6.810	452	457	458	rVV4	152078	402051	4.53%	0.694%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

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-BF091516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.833	458	459	462	rVV	381952	489005	5.51%	0.844%
36	6.879	462	463	464	rVV	134780	107849	1.21%	0.186%
37	6.913	464	466	467	rVV	143753	225481	2.54%	0.389%
38	6.970	470	471	472	rVV	132745	141233	1.59%	0.244%
39	7.005	472	474	478	rVV3	121892	362966	4.09%	0.627%
40	7.073	478	480	481	rVV2	139345	222076	2.50%	0.383%
41	7.107	481	483	485	rVV	1536231	1995463	22.47%	3.445%
42	7.142	485	486	489	rVV3	130908	298846	3.37%	0.516%
43	7.210	491	492	493	rVV	173034	157192	1.77%	0.271%
44	7.279	493	498	499	rVV3	132784	377493	4.25%	0.652%
45	7.325	499	502	503	rVV2	230736	317973	3.58%	0.549%
46	7.359	503	505	508	rVV2	294927	471487	5.31%	0.814%
47	7.416	508	510	512	rVV2	180413	269867	3.04%	0.466%
48	7.473	512	515	517	rVV3	290295	487299	5.49%	0.841%
49	7.565	519	523	525	rVV4	125068	376951	4.25%	0.651%
50	7.599	525	526	529	rVV3	162760	317195	3.57%	0.548%
51	7.667	529	532	534	rVV3	128150	279354	3.15%	0.482%
52	7.702	534	535	537	rVV2	90244	173473	1.95%	0.300%
53	7.736	537	538	540	rVV2	171983	196250	2.21%	0.339%
54	7.827	544	546	548	rVV	1471679	1451480	16.35%	2.506%
55	7.873	548	550	552	rVV2	126855	284851	3.21%	0.492%
56	7.919	552	554	557	rVV2	280333	410244	4.62%	0.708%
57	8.010	560	562	564	rVV2	92626	173084	1.95%	0.299%
58	8.045	564	565	567	rVV2	146844	171494	1.93%	0.296%
59	8.090	567	569	571	rVV3	68082	153627	1.73%	0.265%
60	8.125	571	572	574	rVV2	118642	116362	1.31%	0.201%
61	8.170	574	576	577	rVV2	78674	116260	1.31%	0.201%
62	8.205	577	579	580	rVV2	79637	122330	1.38%	0.211%
63	8.273	583	585	589	rBV2	304000	536513	6.04%	0.926%
64	8.376	592	594	598	rVB5	67438	124670	1.40%	0.215%
65	8.456	598	601	604	rBV4	81750	220150	2.48%	0.380%
66	8.570	610	611	613	rBV2	69186	100545	1.13%	0.174%
67	8.650	616	618	622	rVB5	57720	124219	1.40%	0.214%
68	8.879	635	638	639	rVV	183890	331096	3.73%	0.572%
69	8.913	639	641	643	rVV	3051655	3381461	38.08%	5.839%
70	8.982	645	647	649	rVV2	181865	222850	2.51%	0.385%
71	9.302	672	675	681	rVB2	596405	1274634	14.35%	2.201%

LSC Area Percent Report

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Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

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-BF091516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.439	685	687	688	rBV2	62798	97496	1.10%	0.168%
73	9.485	690	691	693	rVV	156452	134666	1.52%	0.233%
74	9.565	696	698	701	rVV	856407	1190281	13.40%	2.055%
75	9.793	716	718	721	rVB2	74855	96786	1.09%	0.167%
76	9.851	721	723	725	rBV2	120393	115625	1.30%	0.200%
77	9.908	725	728	730	rBV4	56799	104964	1.18%	0.181%
78	10.033	735	739	741	rBV3	79438	142714	1.61%	0.246%
79	10.251	755	758	760	rBV	279732	302131	3.40%	0.522%
80	10.353	764	767	769	rBV	1550724	1562761	17.60%	2.698%
81	10.513	777	781	783	rBV	629400	724331	8.16%	1.251%
82	10.696	795	797	798	rBV	71242	100507	1.13%	0.174%
83	10.948	817	819	820	rBV	188337	225056	2.53%	0.389%
84	10.971	820	821	824	rVB	358602	336949	3.79%	0.582%
85	11.039	824	827	829	rBV	946287	916231	10.32%	1.582%
86	11.325	850	852	853	rBV	98488	110311	1.24%	0.190%
87	11.371	853	856	858	rVB	243152	266459	3.00%	0.460%
88	11.599	874	876	880	rBV	297639	399101	4.49%	0.689%
89	11.771	890	891	893	rBV	308556	231535	2.61%	0.400%
90	12.159	923	925	926	rBV	158242	135787	1.53%	0.234%
91	12.297	935	937	940	rBV	75196	96574	1.09%	0.167%
92	12.377	942	944	952	rVB	205723	469480	5.29%	0.811%
93	12.525	956	957	960	rBV	117448	119705	1.35%	0.207%
94	12.617	963	965	968	rBV	1543205	2274656	25.62%	3.928%
95	13.542	1043	1046	1049	rVB	172650	271831	3.06%	0.469%
96	13.645	1053	1055	1059	rBV	663114	856418	9.64%	1.479%
97	14.983	1170	1172	1176	rVB	443231	557345	6.28%	0.962%

Sum of corrected areas: 57915110

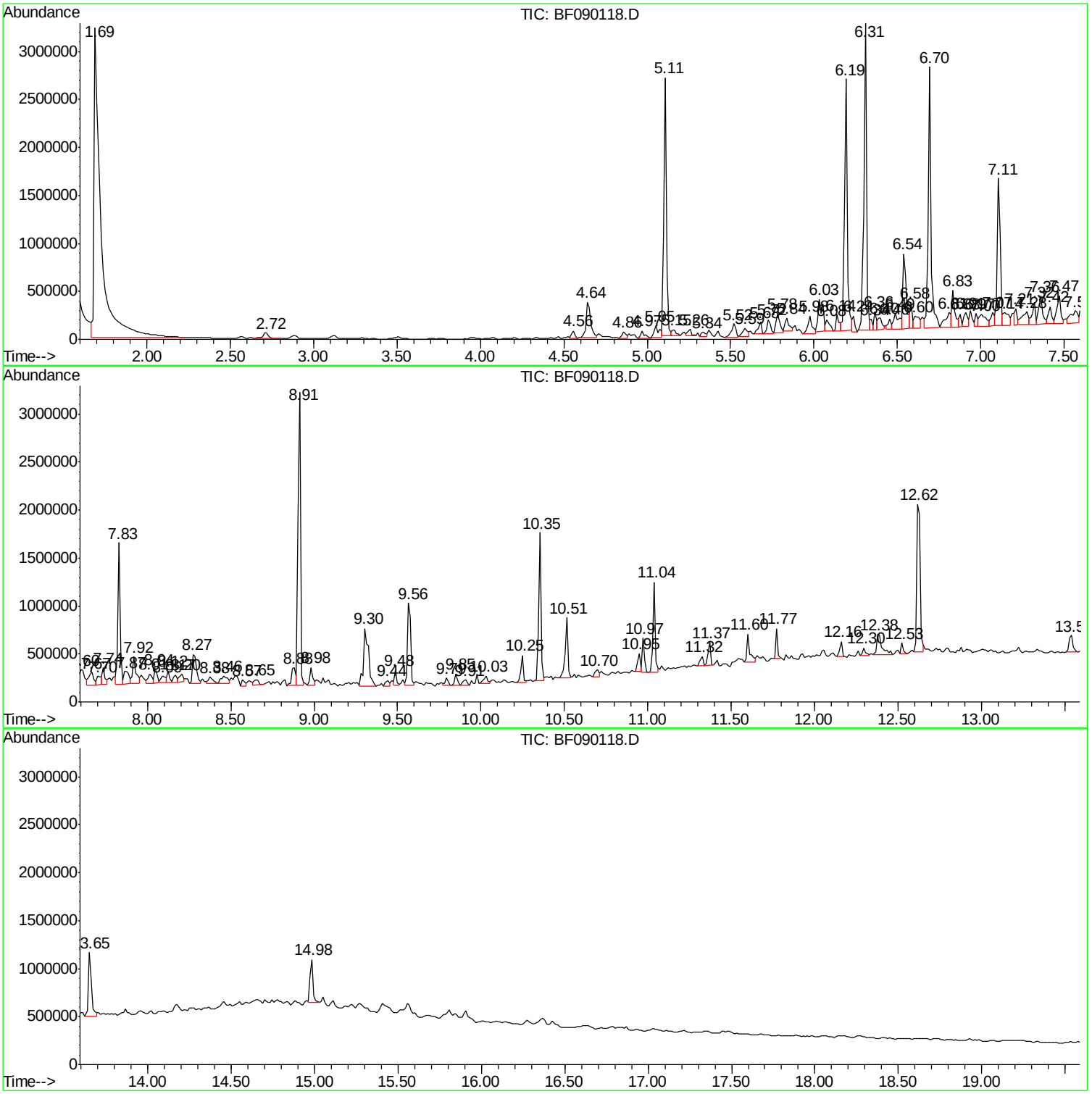
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

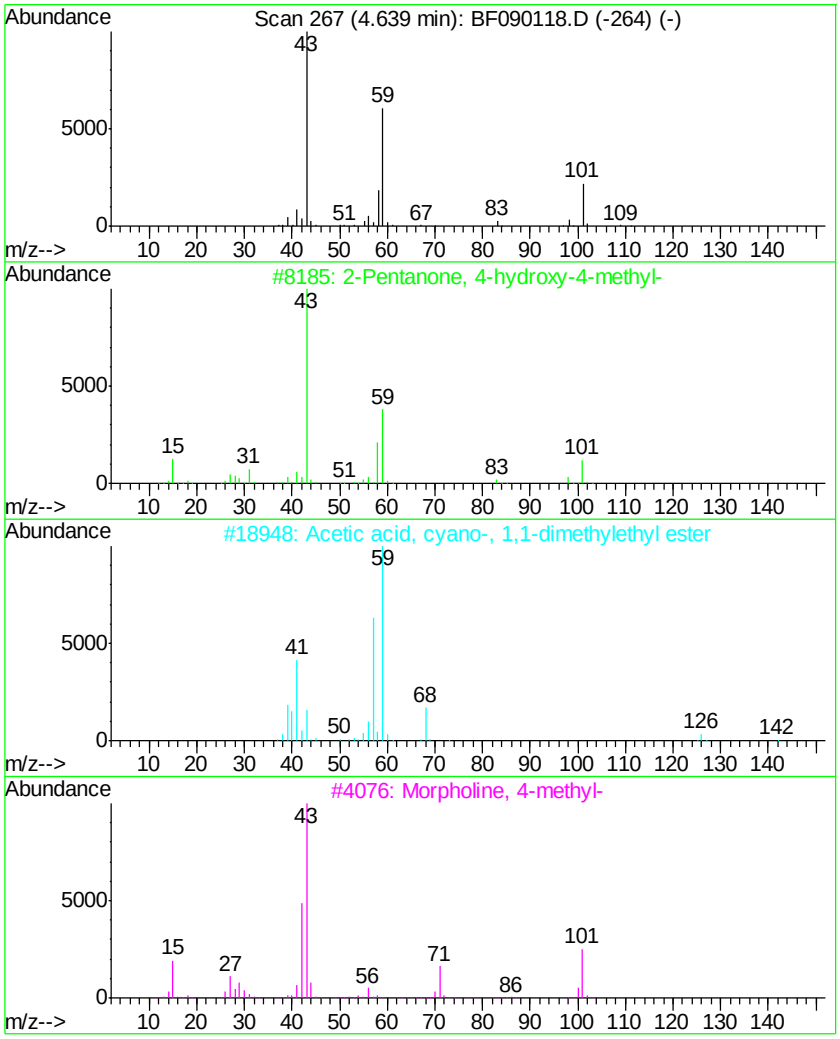
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

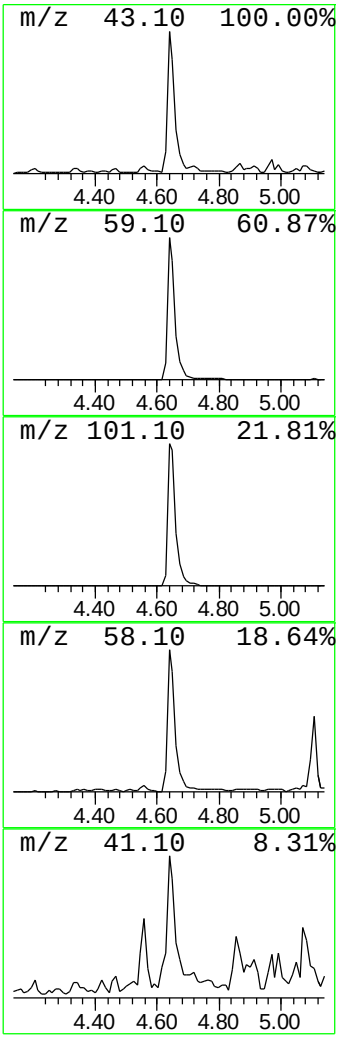
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	12.75 ng	715592	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

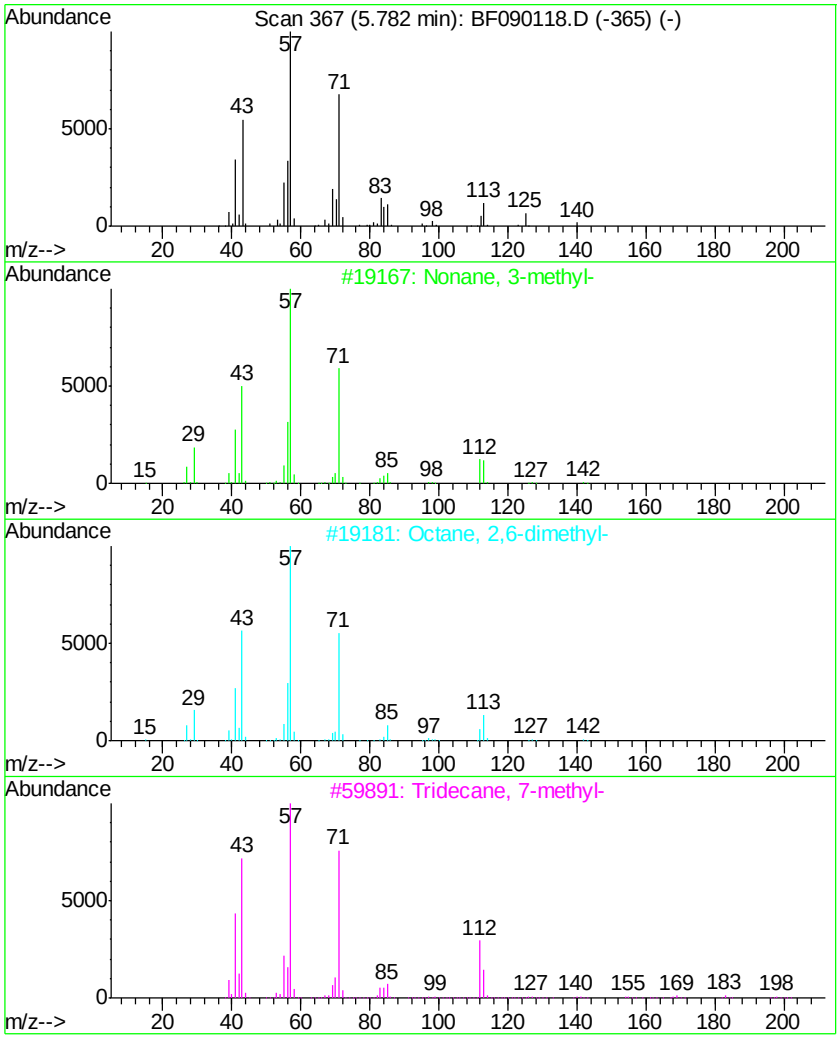
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

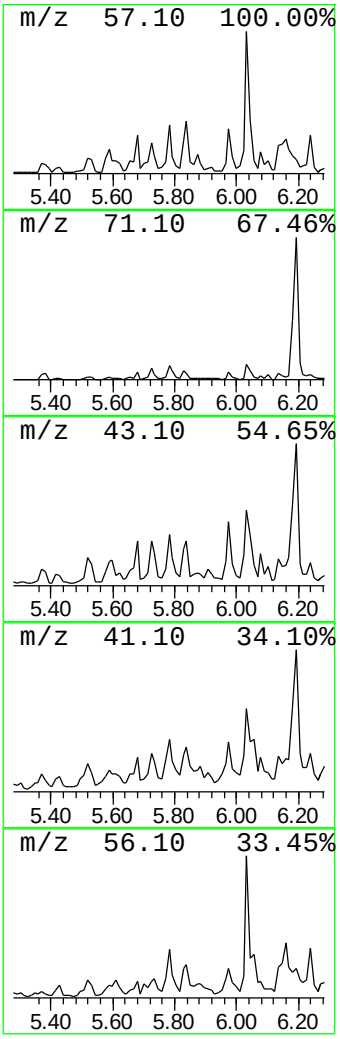
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	5.84 ng	327603	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

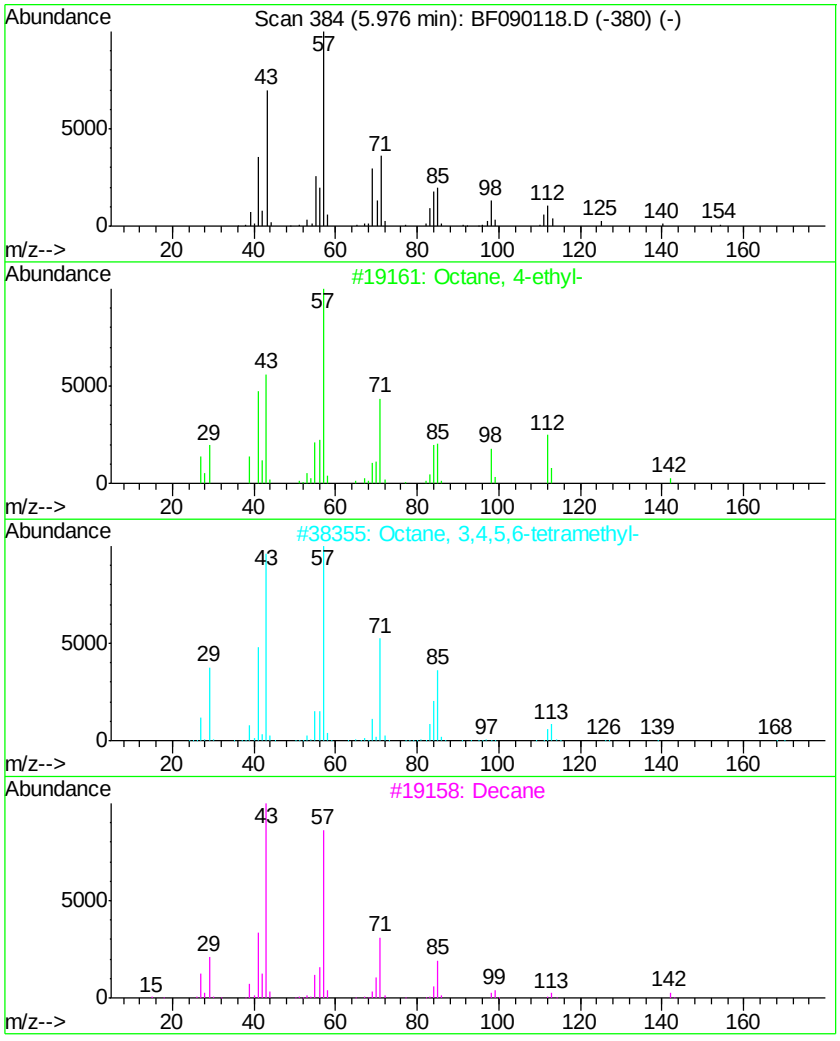
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

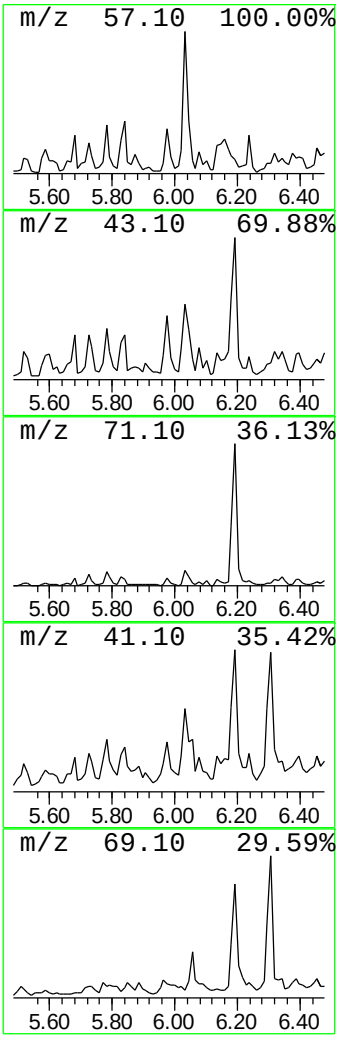
****

Peak Number 4 Octane, 4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	6.55 ng	367664	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3	Decane	142	C10H22	000124-18-5	53
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

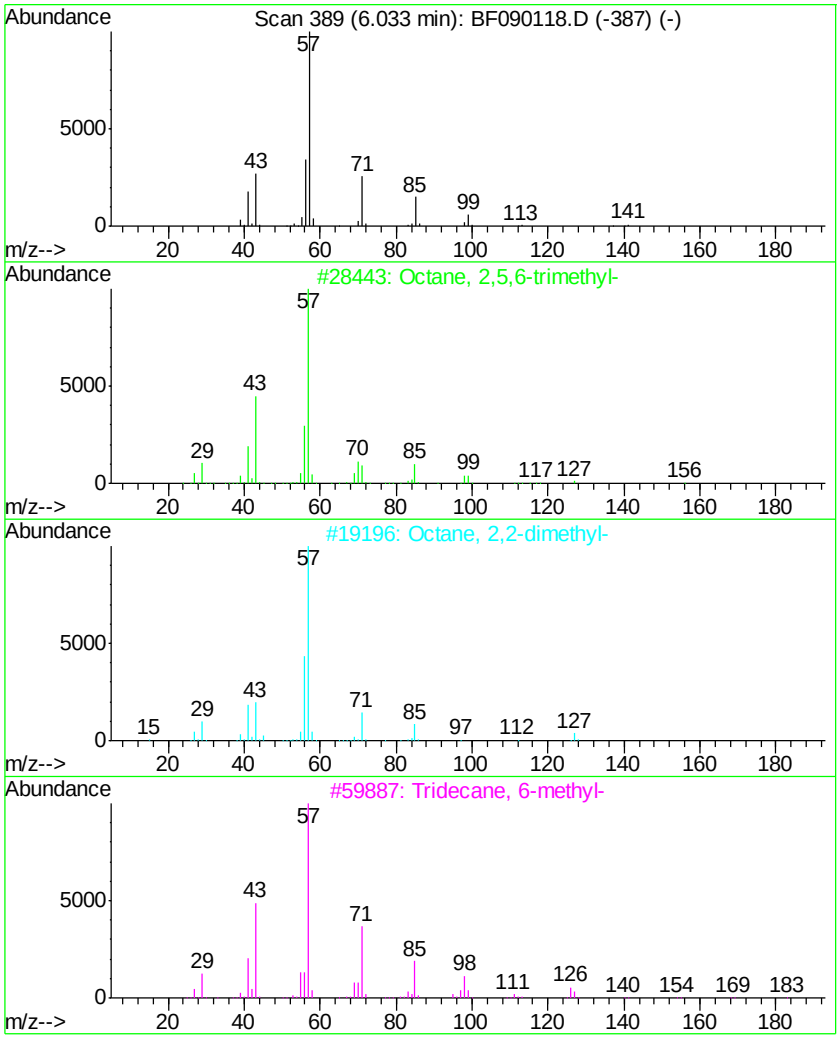
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

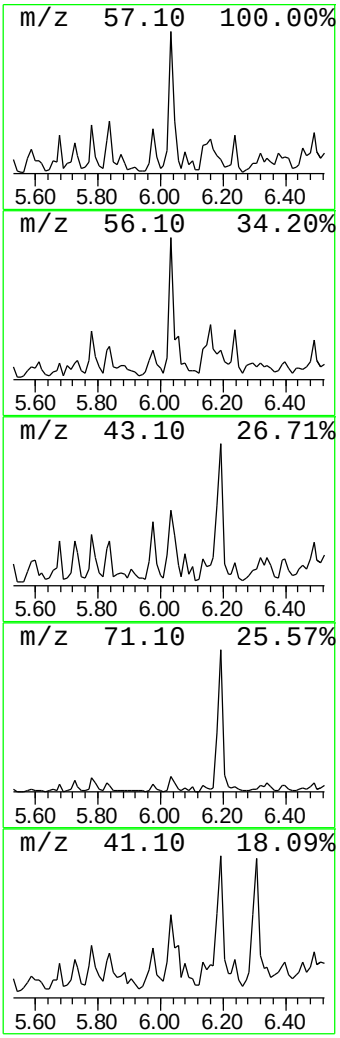
****

Peak Number 5 Octane, 2,5,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	11.91 ng	668383	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
2	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

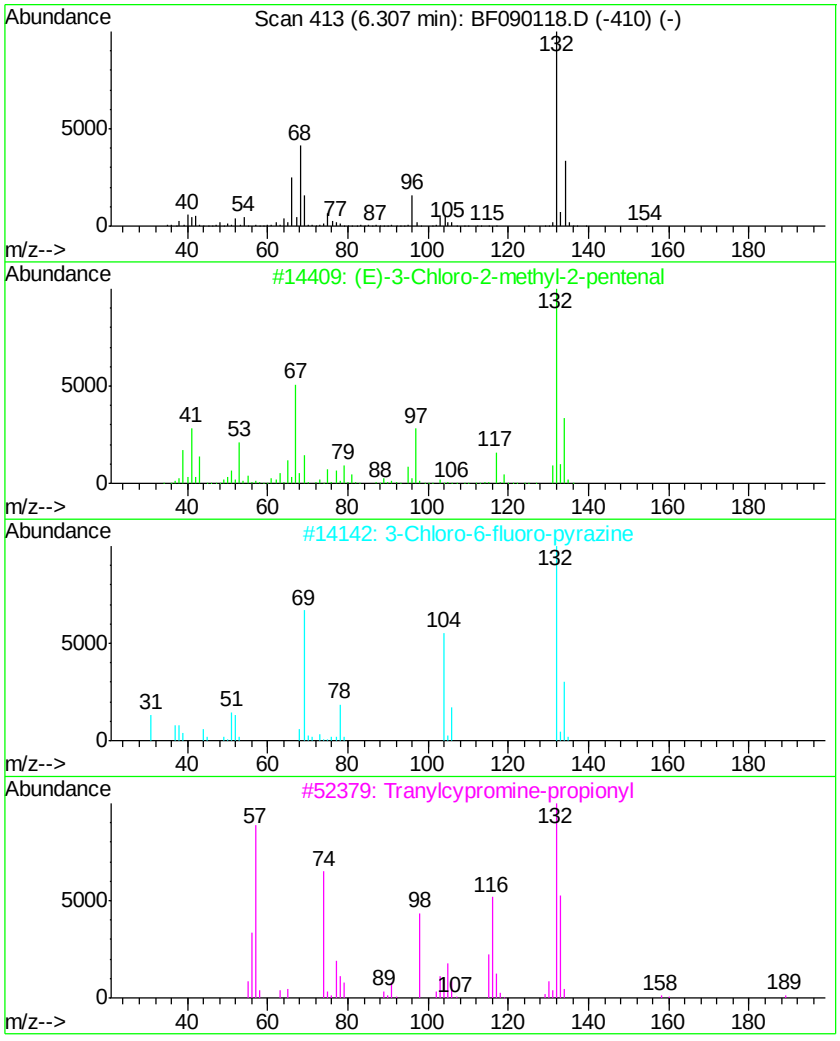
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

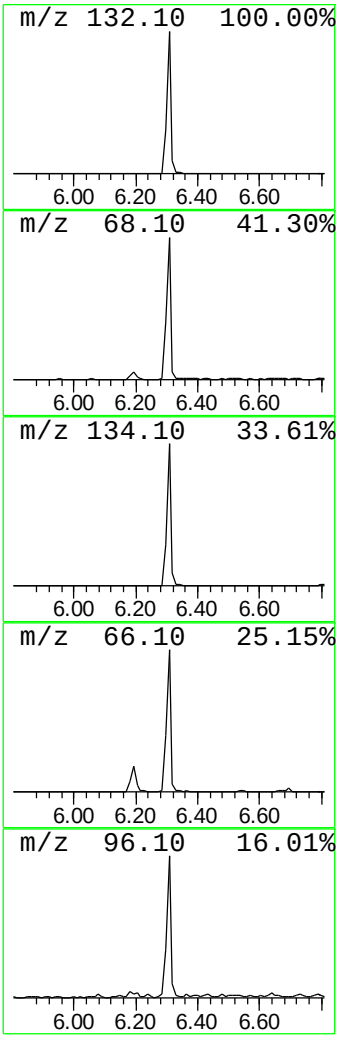
****

Peak Number 6 unknown6.31 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	60.57 ng	3399280	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

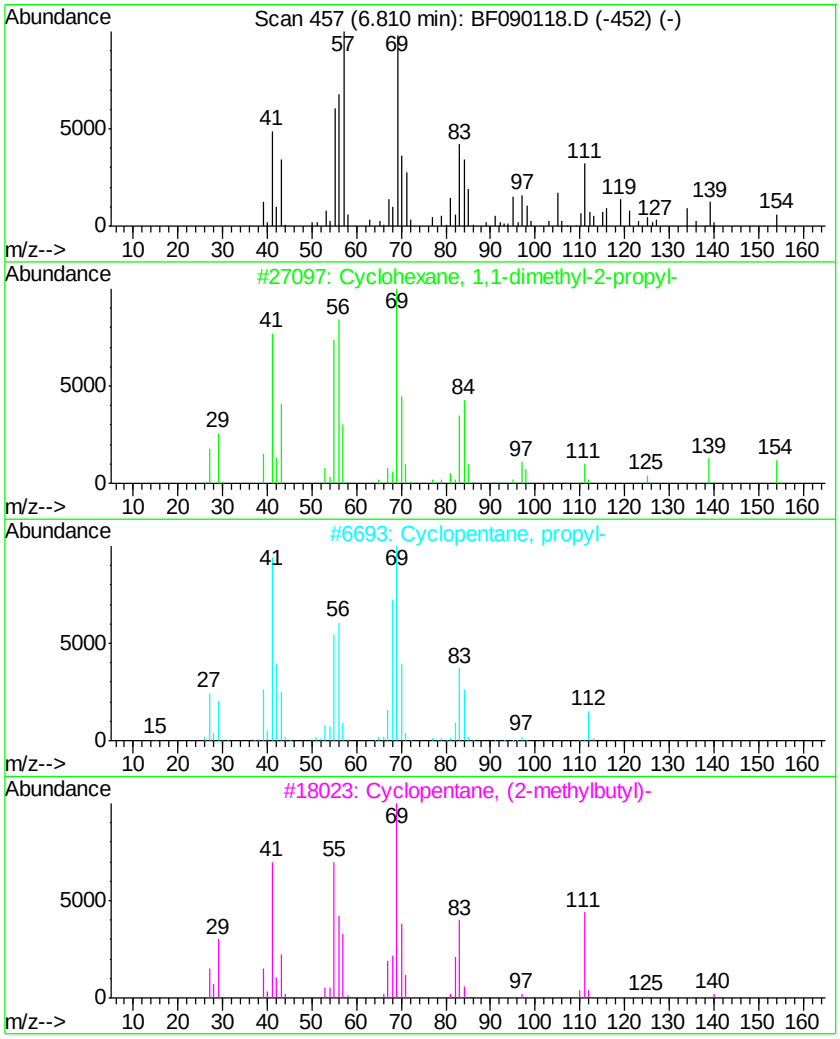
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

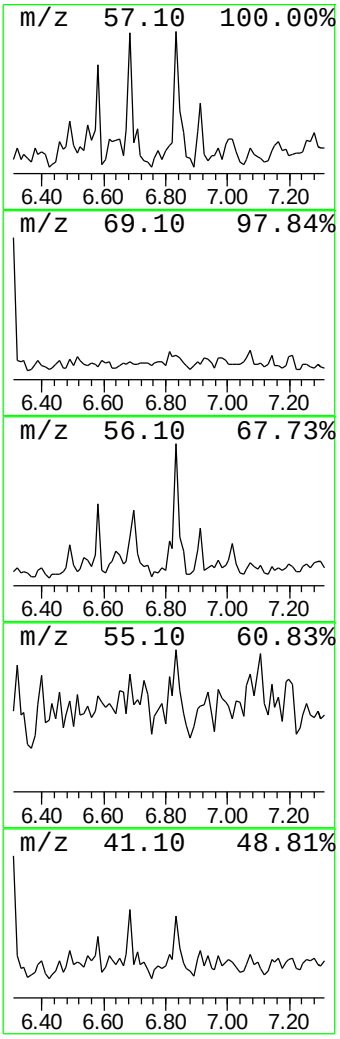
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	7.16 ng	402051	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	58
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
4	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	52
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52





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Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-2-8-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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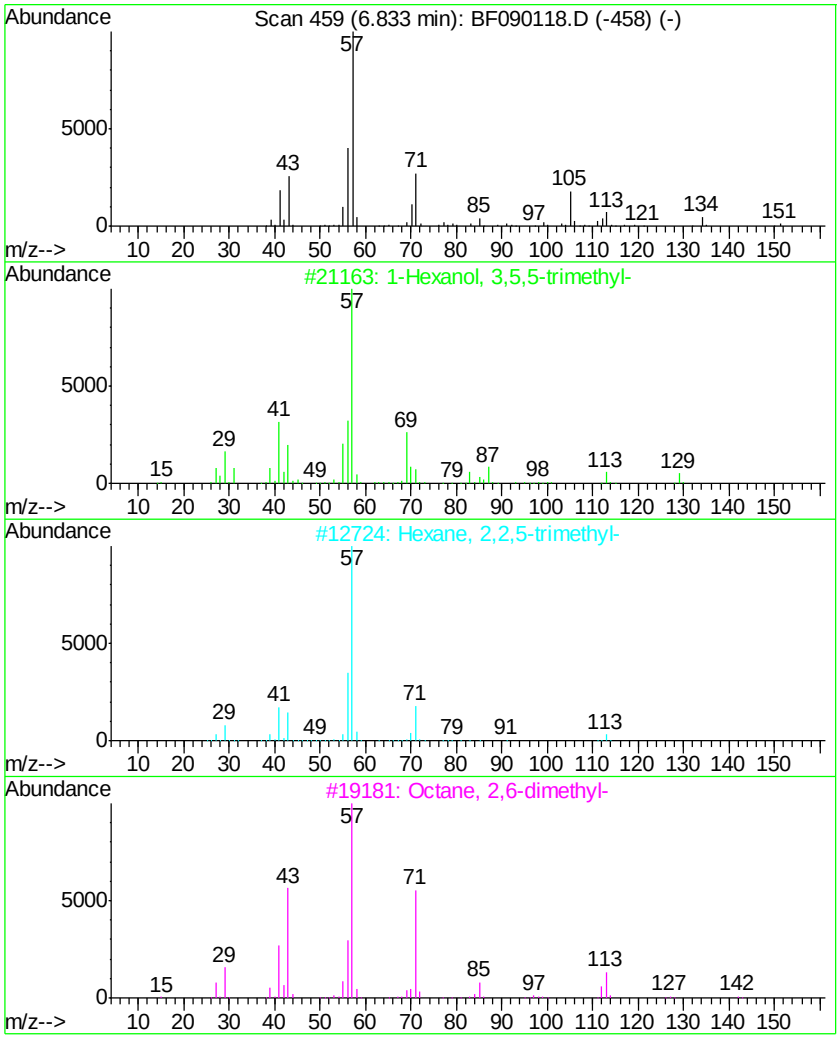
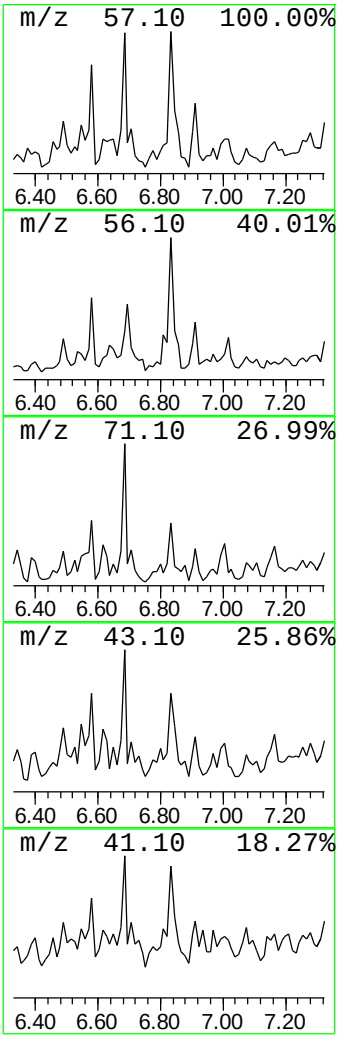
Peak Number 9 1-Hexanol, 3,5,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	8.71 ng	489005	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	53
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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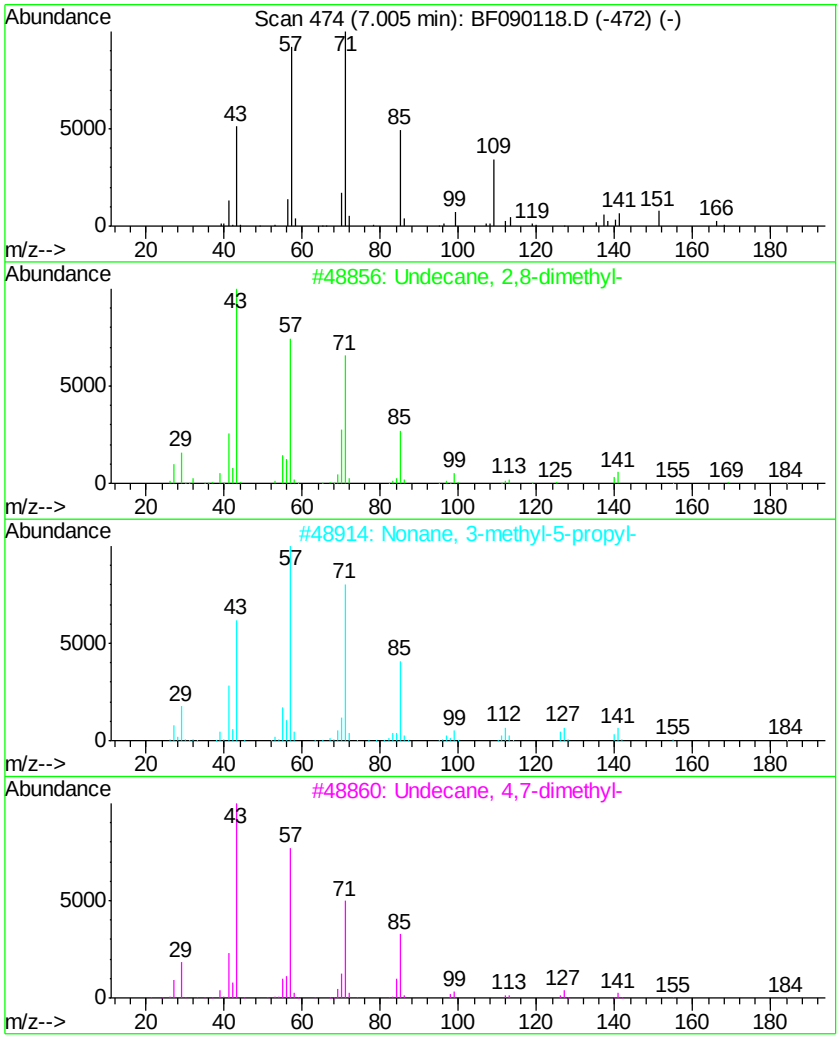
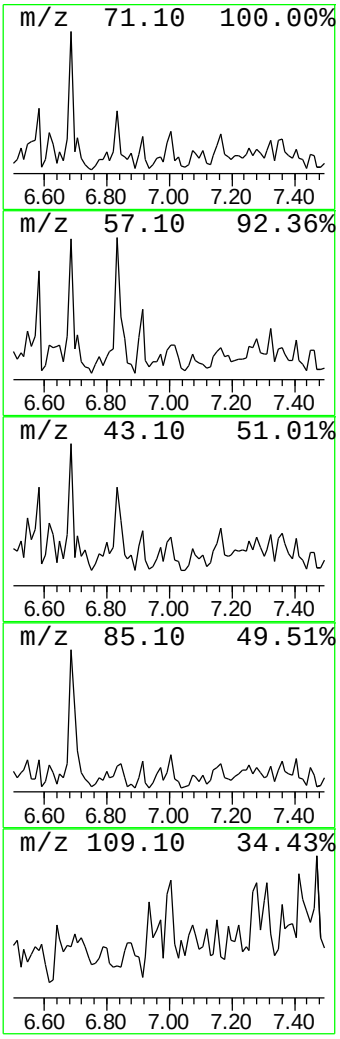
Peak Number 10 Undecane, 2,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.47 ng	362966	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59





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ClientSampleId : SB-2-8-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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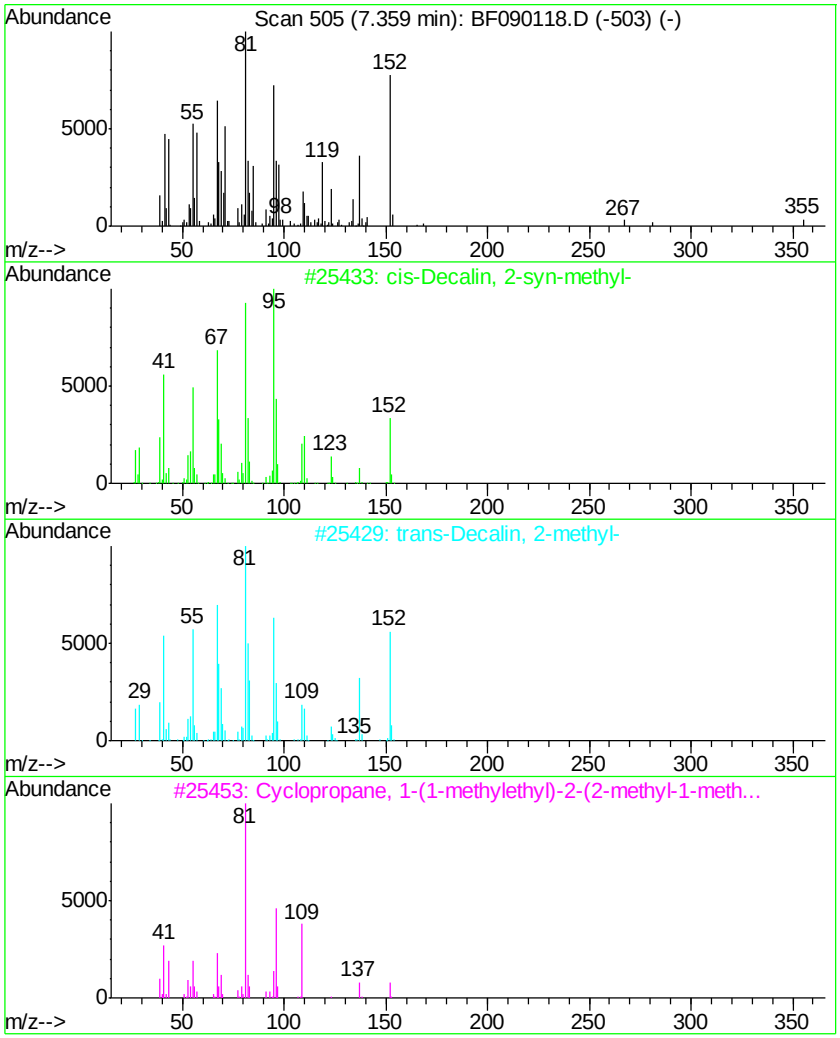
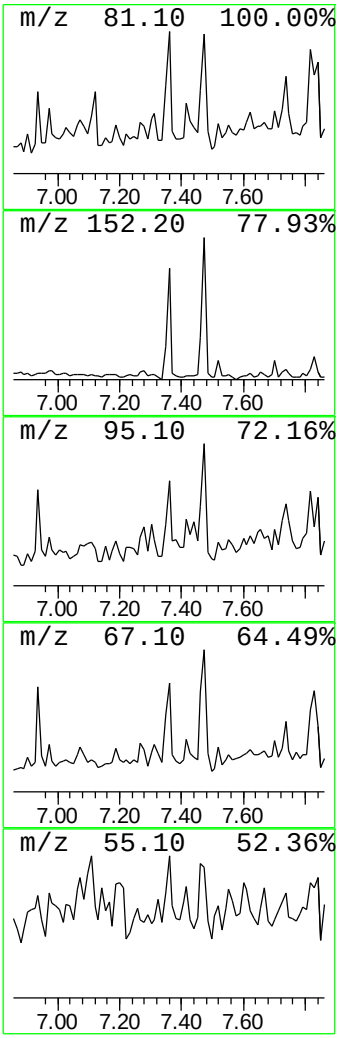
Peak Number 11 cis-Decalin, 2-syn-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	6.50 ng	471487	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	59
3	Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	58
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	49





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : SB-2-8-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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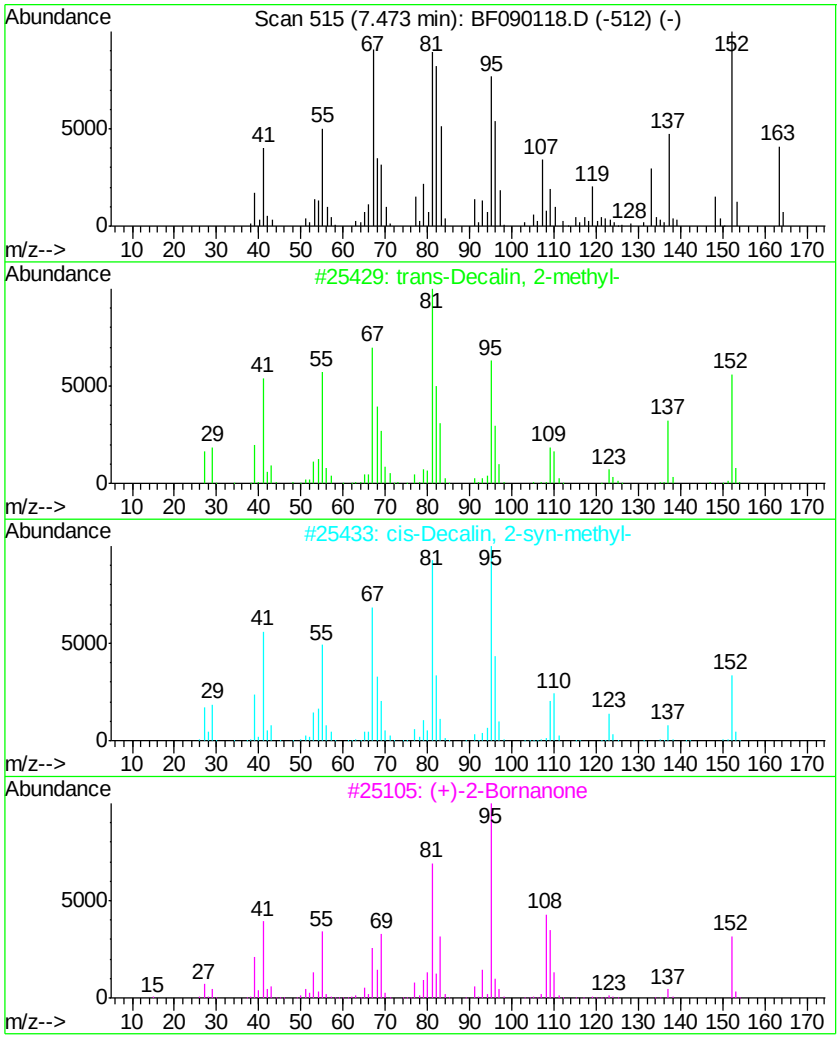
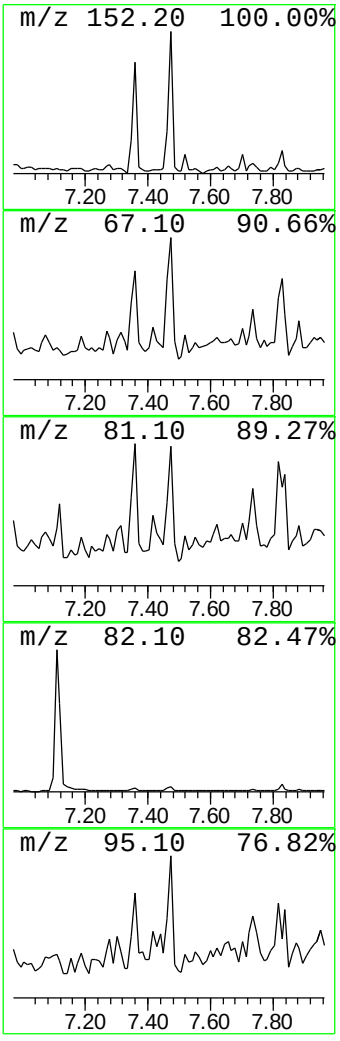
Peak Number 12 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	6.71 ng	487299	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	53
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	52
5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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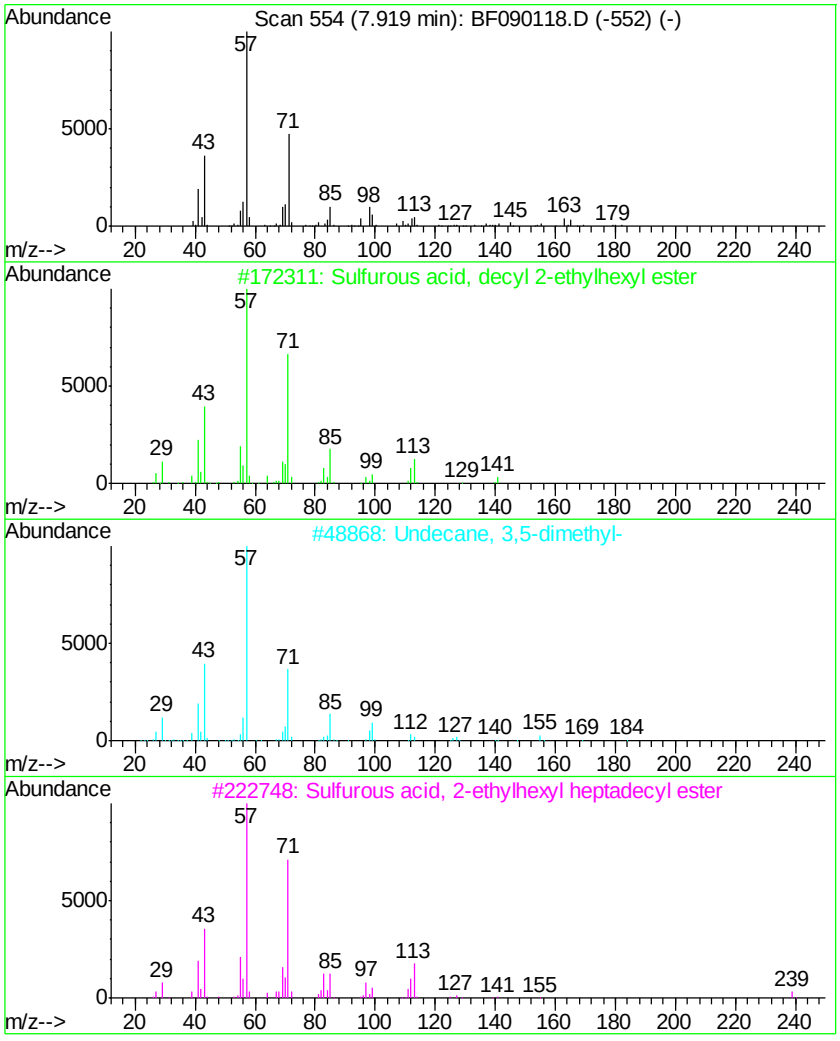
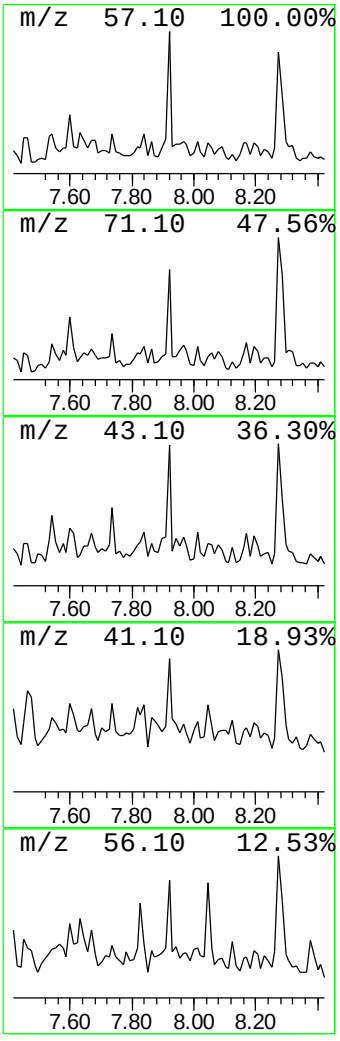
Peak Number 13 Sulfurous acid, decyl 2-eth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	5.65 ng	410244	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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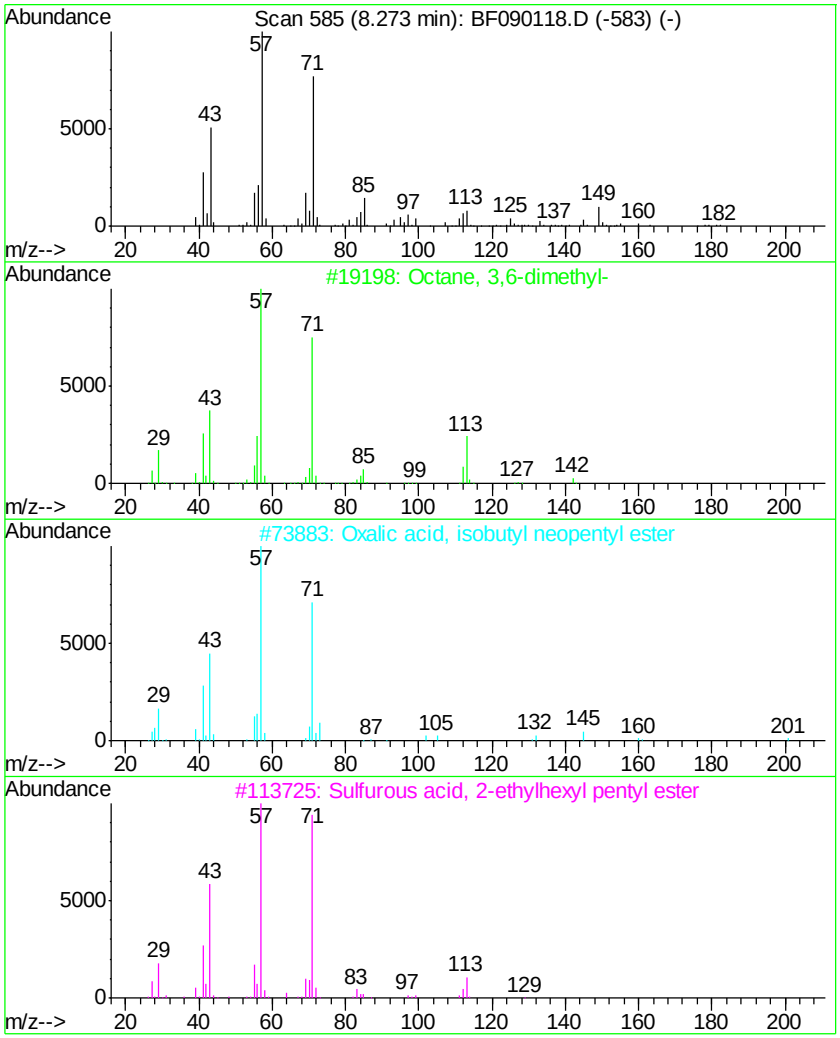
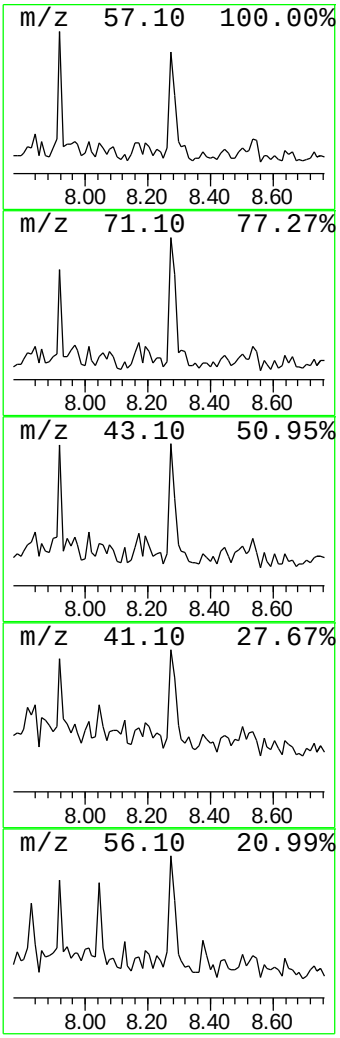
Peak Number 14 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	7.39 ng	536513	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2	Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	59
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5	Oxalic acid, octyl propyl ester	244	C13H24O4	1000309-26-1	53





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ClientSampleId : SB-2-8-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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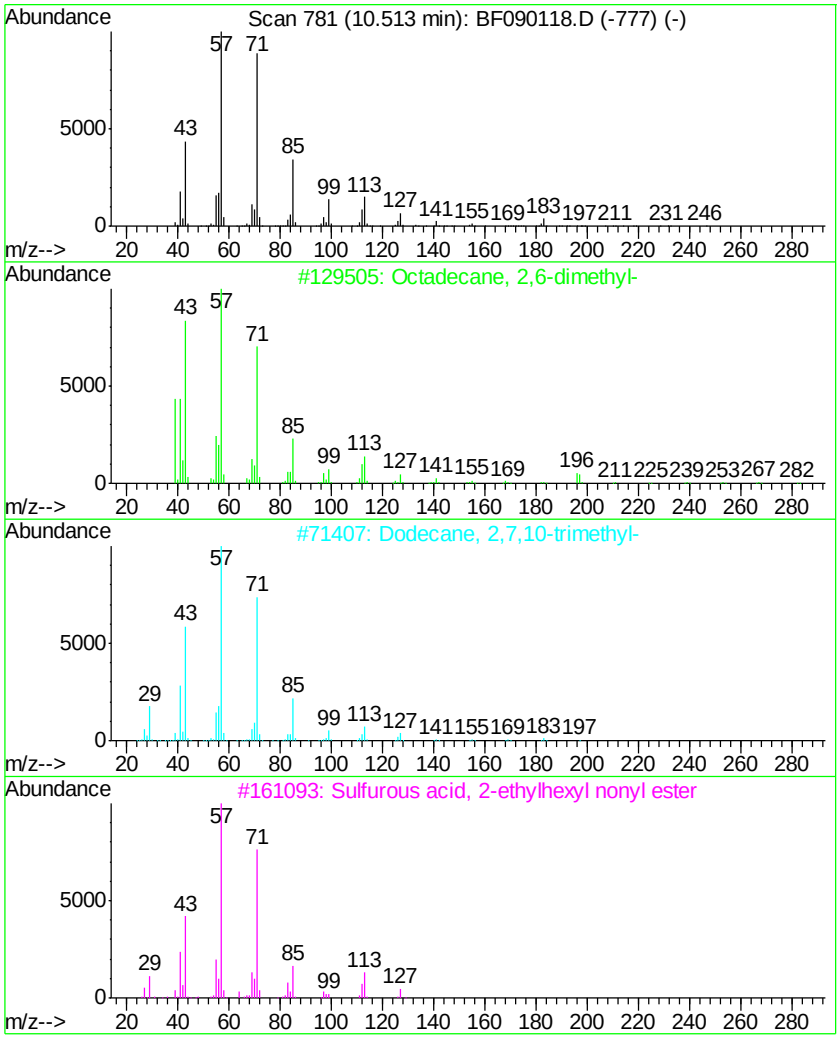
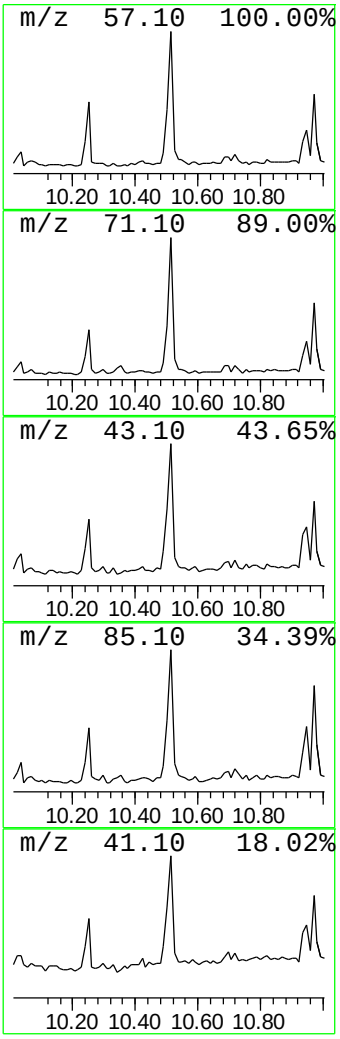
Peak Number 15 Octadecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	15.81 ng	724331	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58





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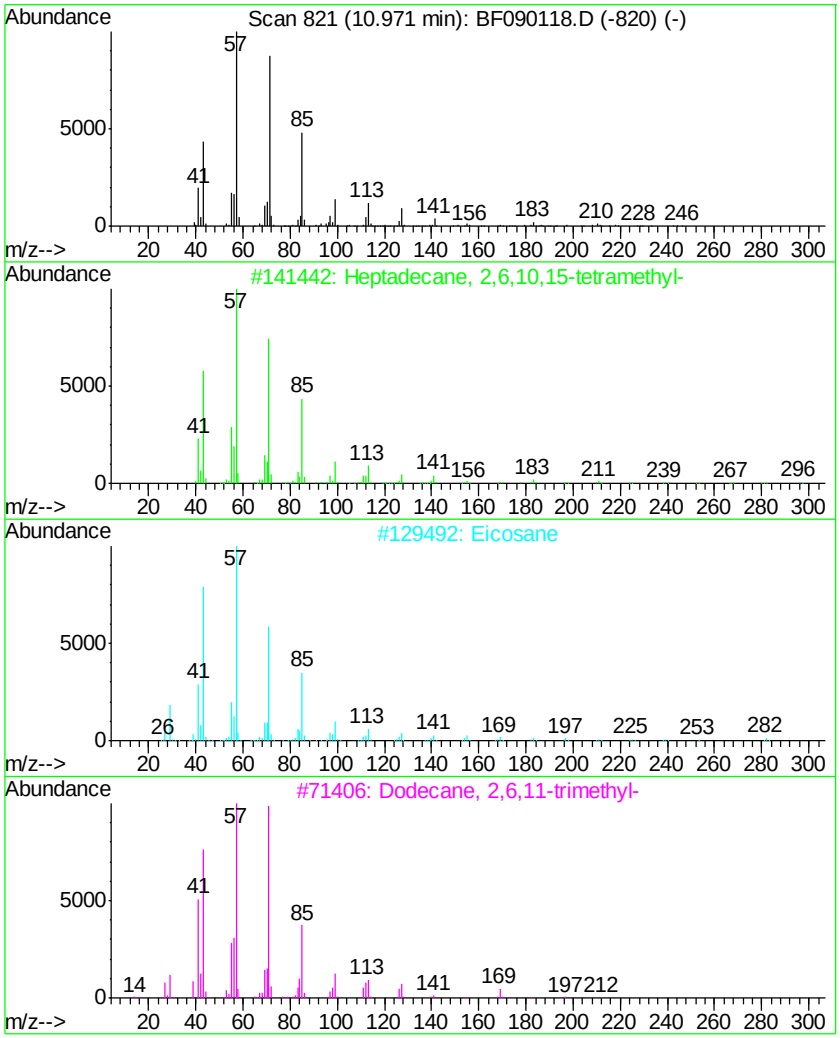
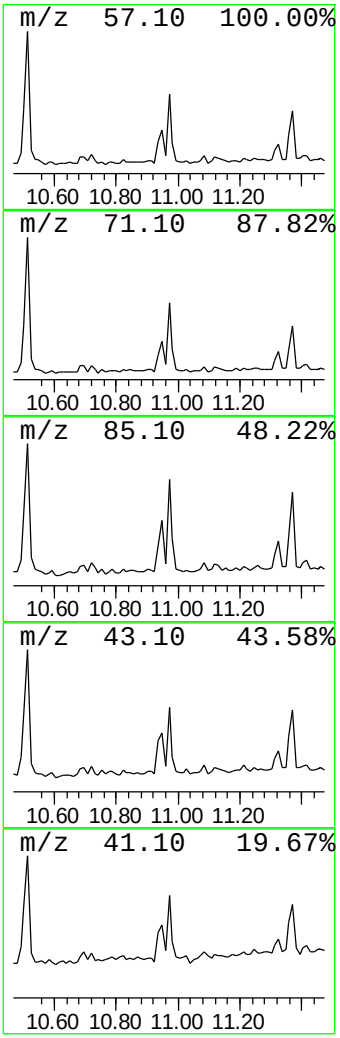
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	7.36 ng	336949	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78





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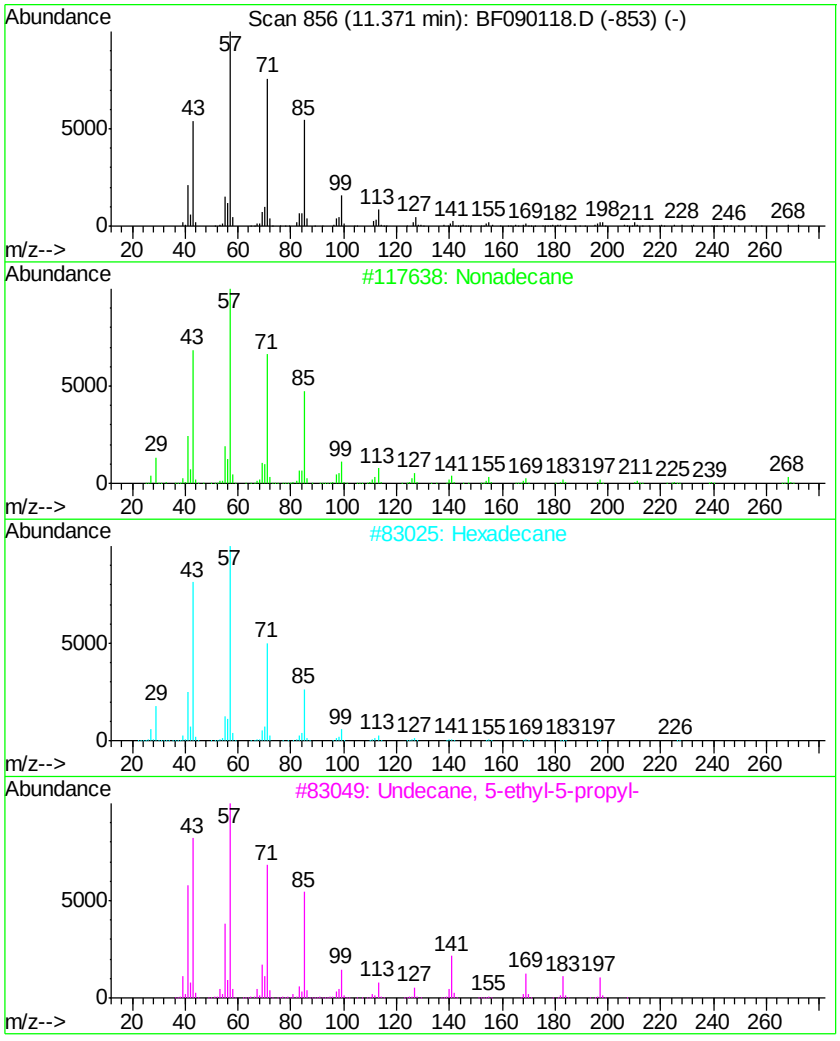
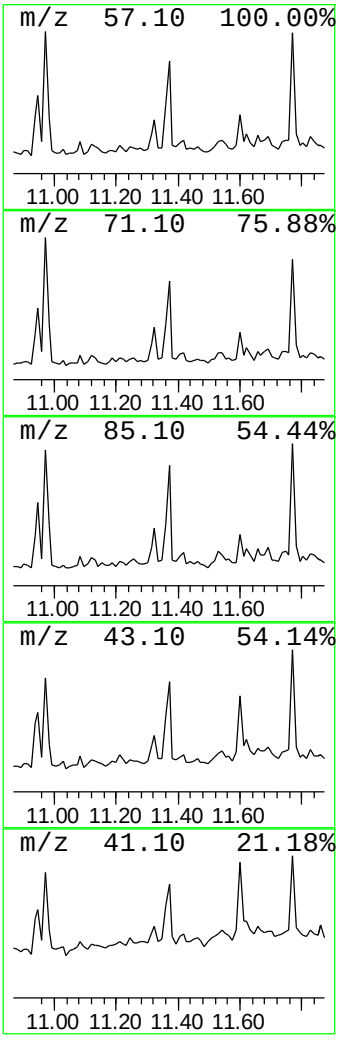
Peak Number 17 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	5.82 ng	266459	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
4	Heptacosane	380	C27H56	000593-49-7	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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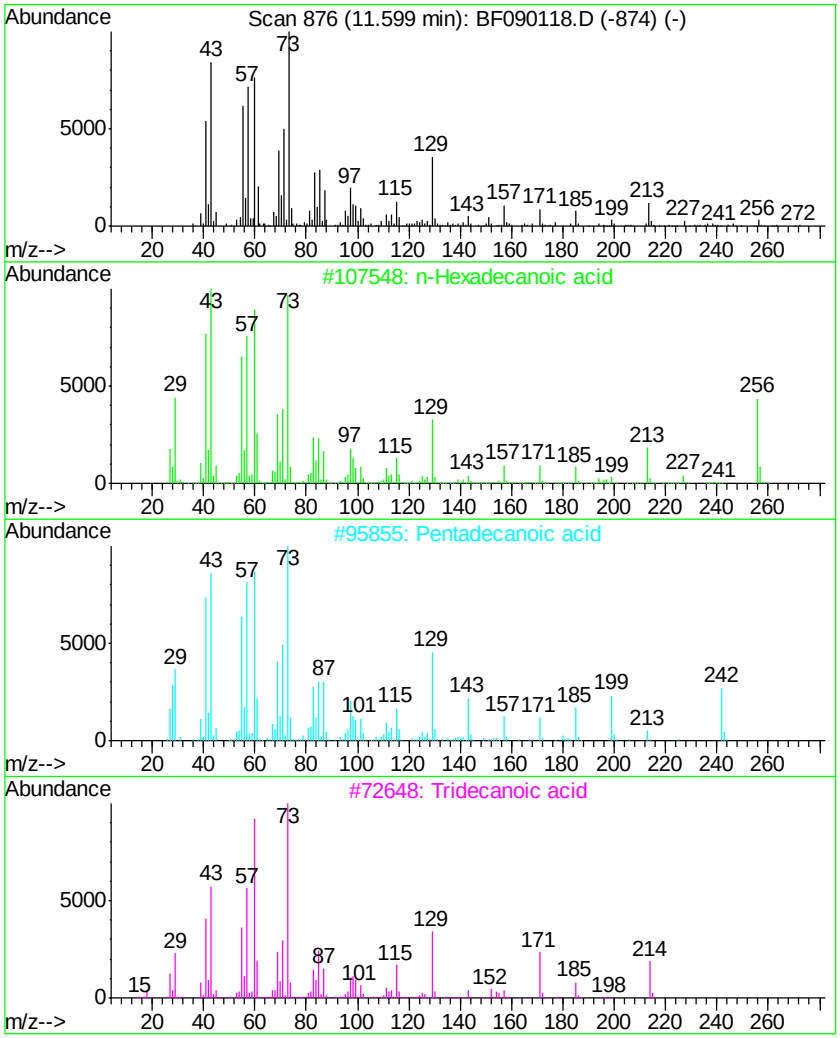
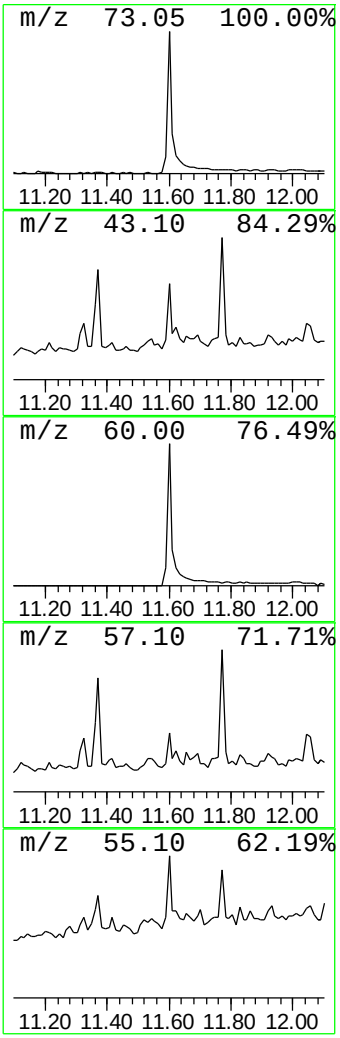
Peak Number 18 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	8.71 ng	399101	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20
5	Hexadecane	226	C16H34	000544-76-3	11





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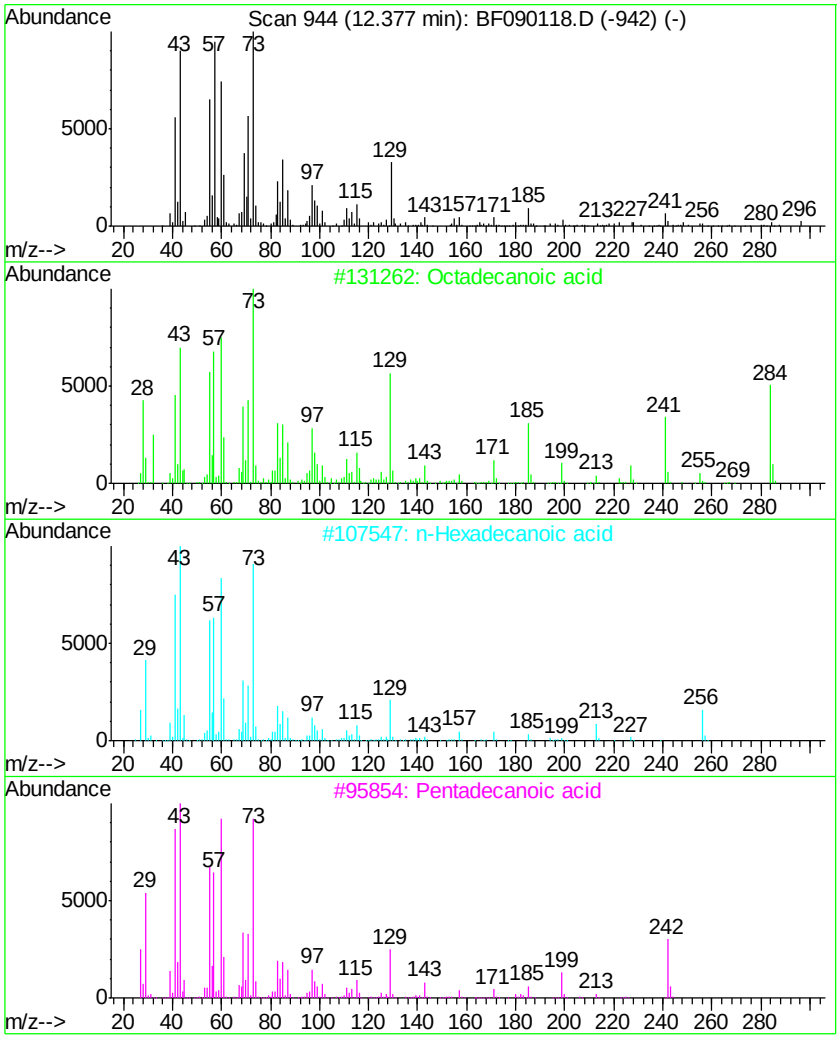
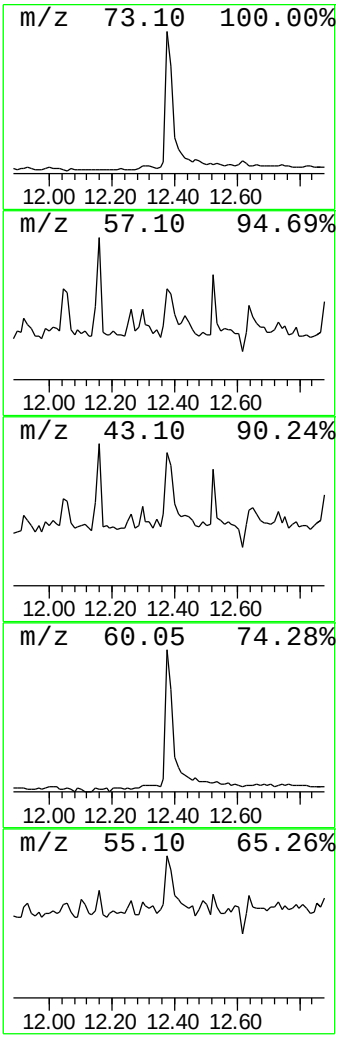
Peak Number 19 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	10.96 ng	469480	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	25
5	Tritetracontane	605	C43H88	007098-21-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

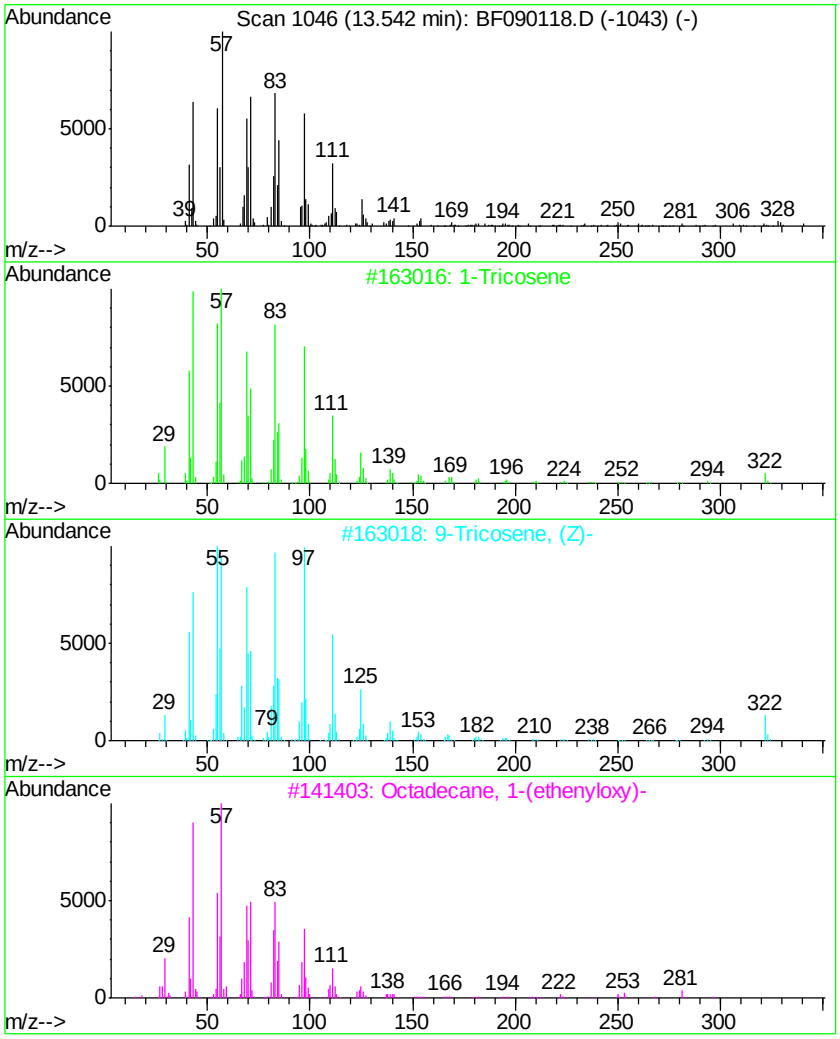
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

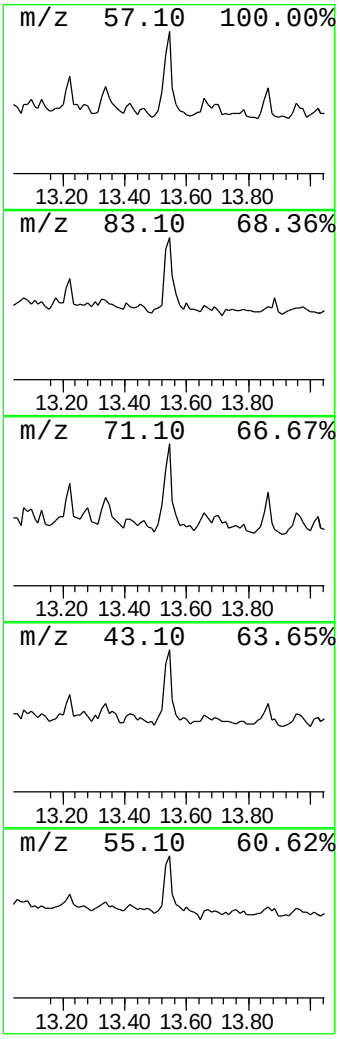
****

Peak Number 20 1-Tricosene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	6.35 ng	271831	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
Data File : BF090118.D
Acq On : 16 Sep 2016 20:50
Operator : UM/SJ
Sample : H4813-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-8-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	12.8	ng	715592	1	6.54	1122520	20.0
Nonane, 3-methyl-	5.78	5.8	ng	327603	1	6.54	1122520	20.0
Octane, 4-ethyl-	5.98	6.5	ng	367664	1	6.54	1122520	20.0
Octane, 2,5,6-tri...	6.03	11.9	ng	668383	1	6.54	1122520	20.0
unknown6.31	6.31	60.6	ng	3399280	1	6.54	1122520	20.0
Cyclohexane, 1,1-...	6.81	7.2	ng	402051	1	6.54	1122520	20.0
1-Hexanol, 3,5,5-...	6.83	8.7	ng	489005	1	6.54	1122520	20.0
Undecane, 2,8-dim...	7.00	6.5	ng	362966	1	6.54	1122520	20.0
cis-Decalin, 2-sy...	7.36	6.5	ng	471487	2	7.83	1451480	20.0
trans-Decalin, 2-...	7.47	6.7	ng	487299	2	7.83	1451480	20.0
Sulfurous acid, d...	7.92	5.7	ng	410244	2	7.83	1451480	20.0
Octane, 3,6-dimet...	8.27	7.4	ng	536513	2	7.83	1451480	20.0
Octadecane, 2,6-d...	10.51	15.8	ng	724331	4	11.04	916231	20.0
Heptadecane, 2,6,...	10.97	7.4	ng	336949	4	11.04	916231	20.0
Nonadecane	11.37	5.8	ng	266459	4	11.04	916231	20.0
n-Hexadecanoic acid	11.60	8.7	ng	399101	4	11.04	916231	20.0
Octadecanoic acid	12.38	11.0	ng	469480	5	13.65	856418	20.0
1-Tricosene	13.54	6.3	ng	271831	5	13.65	856418	20.0