LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086018.D
Acq On : 2 Apr 2016 18:18
Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

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-BF040216.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	2.190	3	9	10	rBV3	8660	26546	1.95%	0.134%
2	2.898	70	71	76	rBV	15463	32838	2.41%	0.166%
3	2.990	76	79	87	rVB3	5281	17423	1.28%	0.088%
4	3.653	122	137	138	rBV4	13481	78767	5.77%	0.397%
5	3.710	140	142	149	rVB3	16011	32431	2.38%	0.163%
6	4.259	188	190	193	rBV	41051	73593	5.39%	0.371%
7	4.441	204	206	208	rVB	47335	63225	4.63%	0.319%
8	4.499	210	211	218	rVB	7559	18491	1.35%	0.093%
9	4.933	246	249	256	rBV	417561	597015	43.74%	3.009%
10	5.173	256	270	273	rVV	70172	440589	32.28%	2.221%
11	5.299	273	281	282	rVV	64954	238008	17.44%	1.200%
12	5.322	282	283	286	rVV	51757	84038	6.16%	0.424%
13	5.367	286	287	295	rVB	108940	179033	13.12%	0.902%
14	5.596	301	307	317	rBV	60230	183791	13.47%	0.926%
15	5.767	321	322	324	rVV	28450	32169	2.36%	0.162%
16	5.824	324	327	331	rVV	25867	56041	4.11%	0.282%
17	5.893	331	333	339	rVB6	11252	29205	2.14%	0.147%
18	6.213	353	361	364	rBV2	91324	292248	21.41%	1.473%
19	6.419	378	379	388	rBV4	118840	264524	19.38%	1.333%
20	6.545	388	390	393	rBV	281416	302838	22.19%	1.526%
21	6.659	398	400	403	rVB	12350	20525	1.50%	0.103%
22	6.773	408	410	412	rBV	618663	623604	45.69%	3.143%
23	6.842	414	416	419	rBV2	14874	27371	2.01%	0.138%
24	6.922	421	423	426	rBV	731307	712290	52.19%	3.590%
25	7.196	445	447	453	rBV	261767	289383	21.20%	1.459%
26	7.287	453	455	457	rVB2	17784	28033	2.05%	0.141%
27	7.333	457	459	462	rBV	587506	619154	45.37%	3.121%
28	7.459	467	470	475	rVB	42783	57151	4.19%	0.288%
29	7.539	475	477	484	rVB	41917	66381	4.86%	0.335%
30	7.848	498	504	508	rBV2	26700	76253	5.59%	0.384%
31	7.973	513	515	520	rVV3	8487	17781	1.30%	0.090%
32	8.053	520	522	525	rVV	903424	870271	63.77%	4.386%
33	8.156	529	531	533	rBV	22770	22120	1.62%	0.111%
34	8.350	544	548	559	rBV	232592	434583	31.84%	2.190%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.659	573	575	577	rBV	13404	19763	1.45%	0.100%
36	8.716	577	580	583	rVV2	22489	50781	3.72%	0.256%
37	8.773	583	585	588	rVB2	13151	23513	1.72%	0.119%
38	8.865	591	593	598	rBV	85182	131504	9.64%	0.663%
39	8.933	598	599	602	rVV2	12559	18934	1.39%	0.095%
40	9.059	608	610	614	rBV	25100	32100	2.35%	0.162%
41	9.128	614	616	619	rVV	1173613	1120119	82.07%	5.646%
42	9.219	621	624	625	rBV	23037	26104	1.91%	0.132%
43	9.253	625	627	629	rBV	87161	119668	8.77%	0.603%
44	9.471	642	646	649	rBV2	11066	25327	1.86%	0.128%
45	9.528	649	651	655	rVB	481455	444052	32.54%	2.238%
46	9.631	658	660	663	rBV	17903	23161	1.70%	0.117%
47	9.733	666	669	672	rBV2	327220	457476	33.52%	2.306%
48	9.802	672	675	678	rBV2	851651	1364781	100.00%	6.879%
49	9.916	683	685	687	rVB2	15816	21856	1.60%	0.110%
50	9.973	687	690	693	rBV3	34759	74798	5.48%	0.377%
51	10.031	693	695	696	rVV	46886	46580	3.41%	0.235%
52	10.065	696	698	700	rVV	46293	41903	3.07%	0.211%
53	10.099	700	701	705	rVB	31440	28730	2.11%	0.145%
54	10.213	705	711	712	rBV2	46989	85774	6.28%	0.432%
55	10.236	712	713	715	rVB	168493	194843	14.28%	0.982%
56	10.271	715	716	720	rBV3	18702	31849	2.33%	0.161%
57	10.396	726	727	730	rBV	15993	22283	1.63%	0.112%
58	10.453	730	732	736	rVV	67308	130548	9.57%	0.658%
59	10.511	736	737	738	rVV	30192	29778	2.18%	0.150%
60	10.545	738	740	741	rVV	48345	53982	3.96%	0.272%
61	10.591	741	744	747	rVV3	163328	303723	22.25%	1.531%
62	10.682	750	752	753	rVV	55550	86468	6.34%	0.436%
63	10.716	753	755	762	rVV	235286	394338	28.89%	1.988%
64	10.854	766	767	770	rVV	54023	80995	5.93%	0.408%
65	10.911	770	772	774	rVV2	39031	88224	6.46%	0.445%
66	10.945	774	775	776	rVV	40143	36276	2.66%	0.183%
67	10.968	776	777	779	rVV2	40858	55892	4.10%	0.282%
68	11.036	781	783	785	rVV3	26706	50442	3.70%	0.254%
69	11.105	788	789	792	rVV	45363	83446	6.11%	0.421%
70	11.162	792	794	795	rVV	147351	147360	10.80%	0.743%
71	11.185	795	796	800	rVV	50224	74186	5.44%	0.374%

LSC Area Percent Report

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Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.288	803	805	808	rVV	983938	962806	70.55%	4.853%
73	11.334	808	809	810	rVV	26517	29721	2.18%	0.150%
74	11.368	810	812	814	rVB2	27786	42081	3.08%	0.212%
75	11.528	823	826	829	rVV	71613	108493	7.95%	0.547%
76	11.585	829	831	834	rVB	61838	57197	4.19%	0.288%
77	11.745	842	845	848	rBV2	20970	37357	2.74%	0.188%
78	11.825	850	852	864	rVB2	452052	600307	43.99%	3.026%
79	11.996	864	867	868	rVB2	14246	23935	1.75%	0.121%
80	12.076	871	874	876	rBV	37081	43593	3.19%	0.220%
81	12.339	895	897	905	rVB	176400	248590	18.21%	1.253%
82	12.511	910	912	919	rBV2	79128	225427	16.52%	1.136%
83	12.614	919	921	927	rVV	543284	682001	49.97%	3.438%
84	12.705	927	929	932	rVV	34874	59549	4.36%	0.300%
85	12.774	934	935	941	rVB	44304	43517	3.19%	0.219%
86	12.877	941	944	946	rBV	923557	1078591	79.03%	5.436%
87	13.094	961	963	970	rBV2	22705	46001	3.37%	0.232%
88	13.345	980	985	990	rBV3	35210	111365	8.16%	0.561%
89	13.437	990	993	995	rVV2	42335	65453	4.80%	0.330%
90	13.768	1020	1022	1031	rBV	423443	639435	46.85%	3.223%
91	13.928	1033	1036	1038	rVV	785311	783159	57.38%	3.947%
92	14.031	1042	1045	1049	rVV2	20973	40743	2.99%	0.205%
93	14.111	1049	1052	1057	rVB4	9785	23034	1.69%	0.116%
94	14.362	1065	1074	1077	rBV4	36669	170441	12.49%	0.859%
95	14.751	1107	1108	1111	rVB	34312	38111	2.79%	0.192%
96	15.334	1156	1159	1164	rBV	481515	594250	43.54%	2.995%
97	15.803	1197	1200	1203	rBV2	21513	52157	3.82%	0.263%
98	16.191	1231	1234	1237	rBV2	20627	43552	3.19%	0.220%
99	16.843	1287	1291	1294	rBV5	6300	19913	1.46%	0.100%
100	17.197	1319	1322	1330	rBV5	14131	39836	2.92%	0.201%

Sum of corrected areas: 19839885

LSC Report - Integrated Chromatogram

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Data File : BF086018.D
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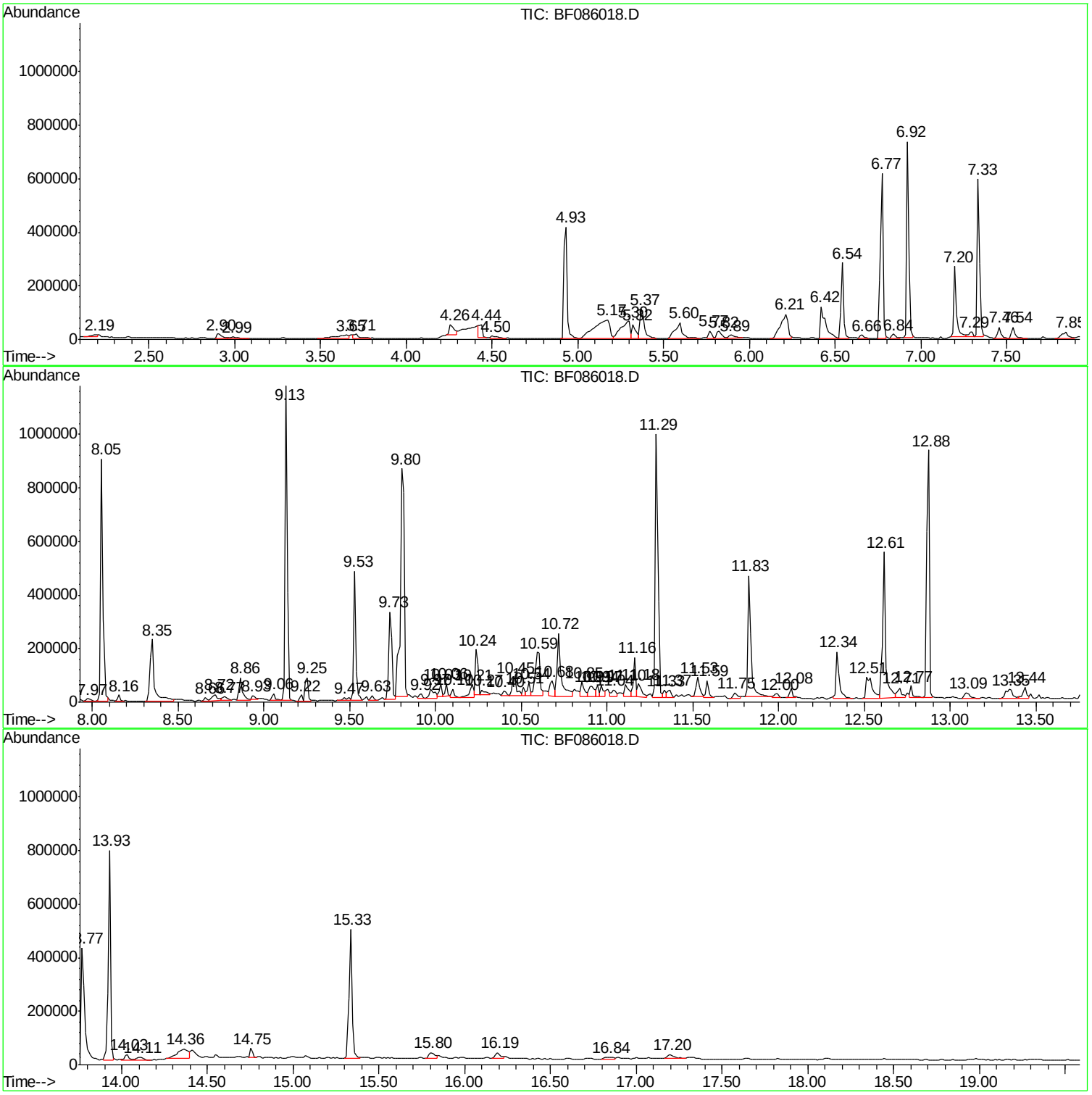
Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040216\
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Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

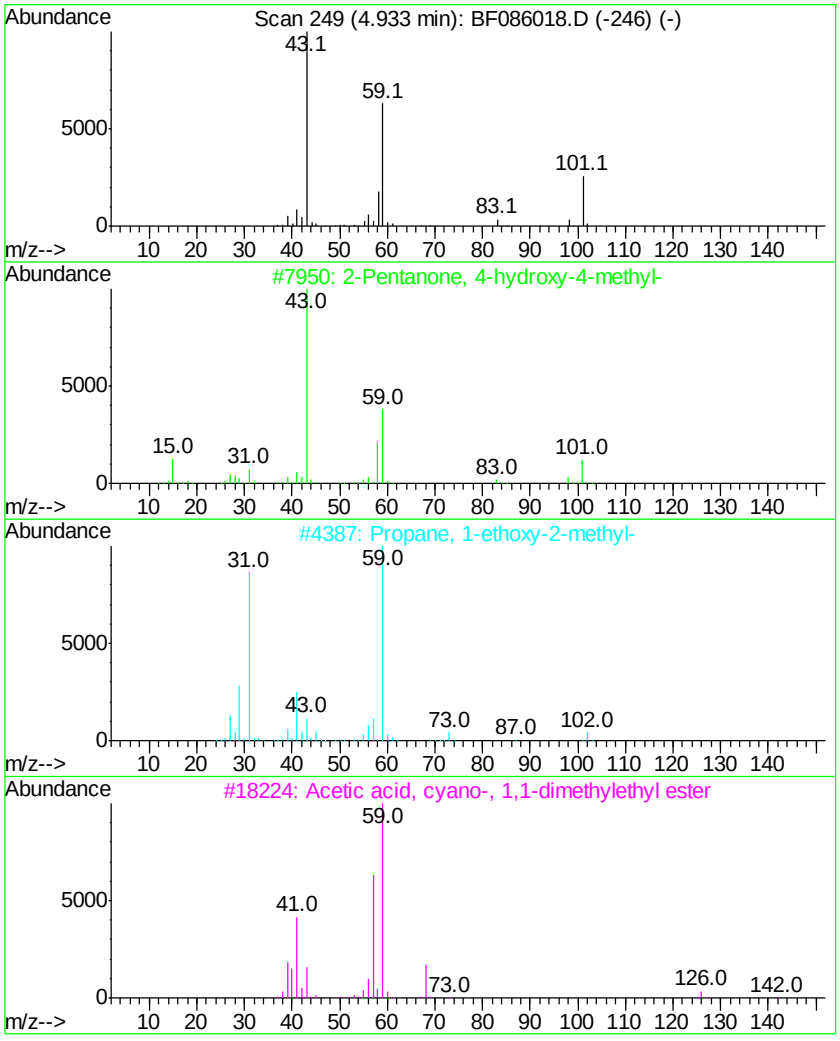
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

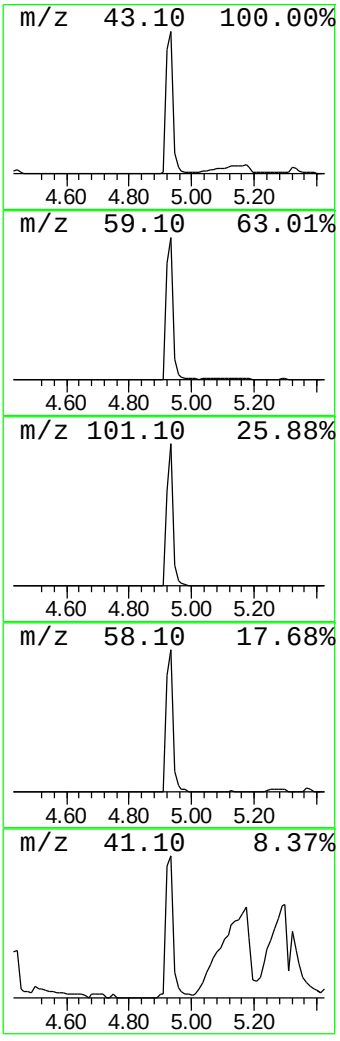
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	19.15 ng	597015	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	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

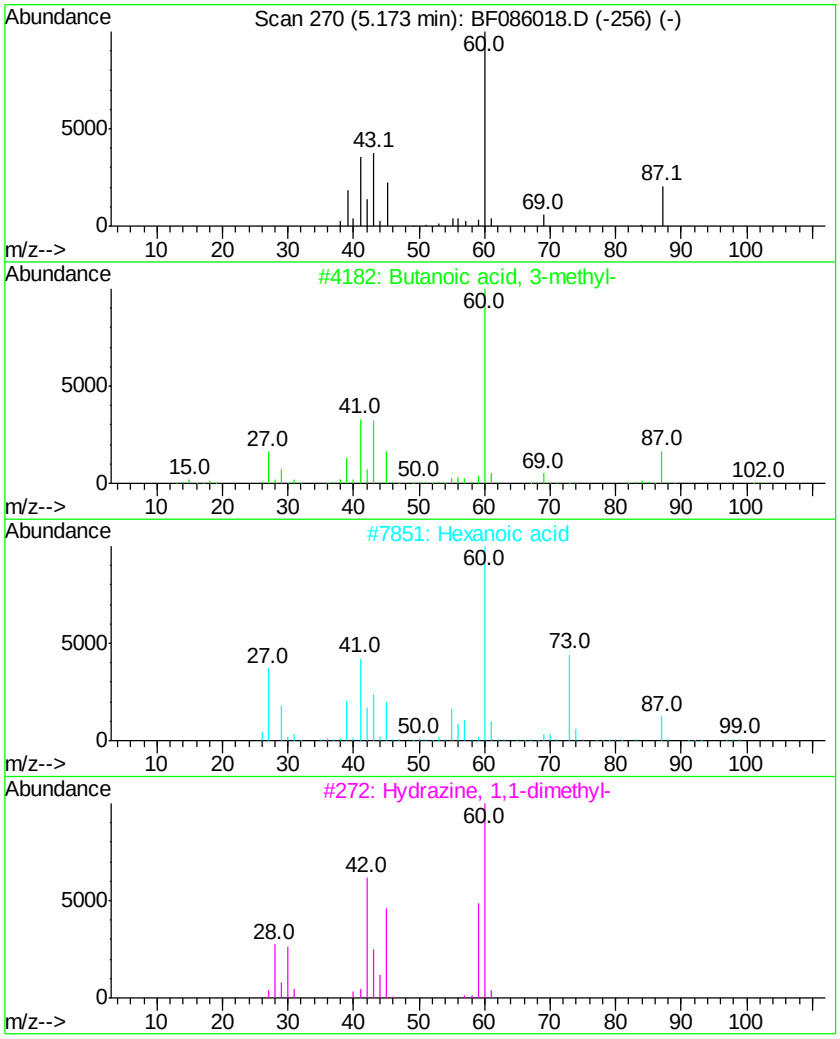
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

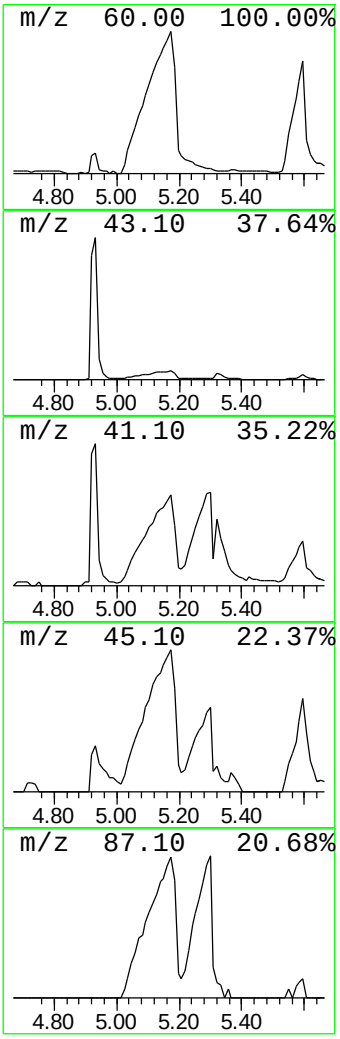
****

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	14.13 ng	440589	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
4	1-Pentanamine	87	C5H13N	000110-58-7	9
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	9





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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
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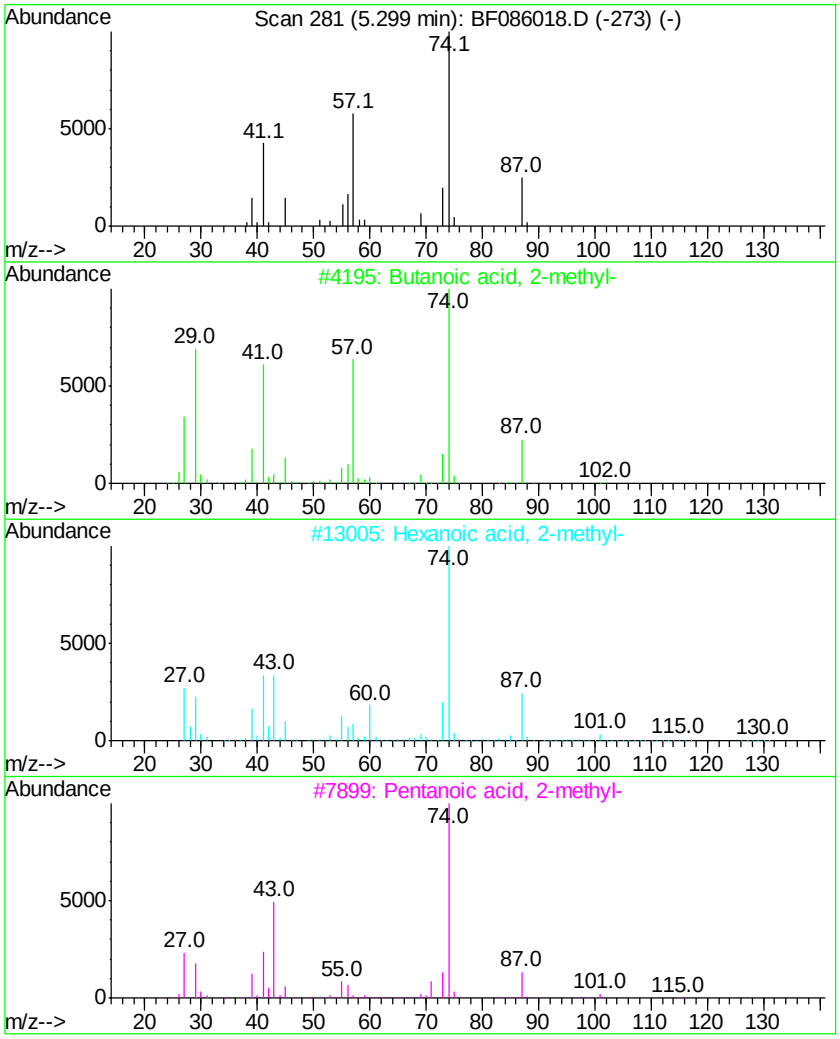
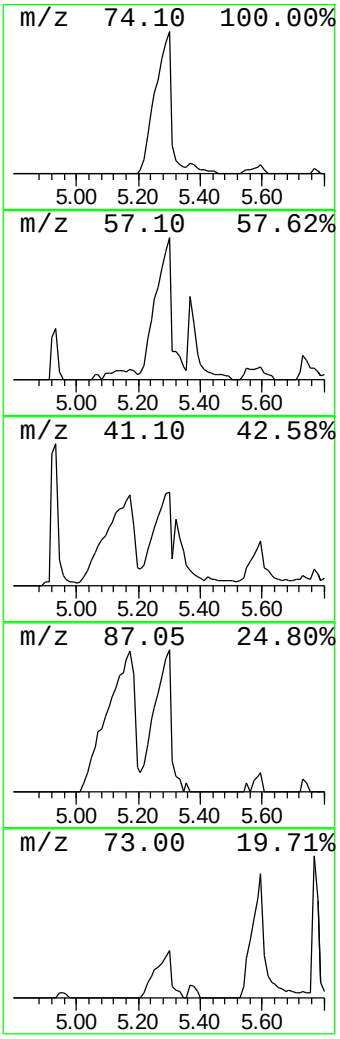
Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	7.63 ng	238008	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	78
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	12
4	5-Hydroxy-2,2-dimethylhexan-3-one	144	C8H16O2	173343-33-4	10
5	Morpholine	87	C4H9NO	000110-91-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
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Acq On : 2 Apr 2016 18:18
Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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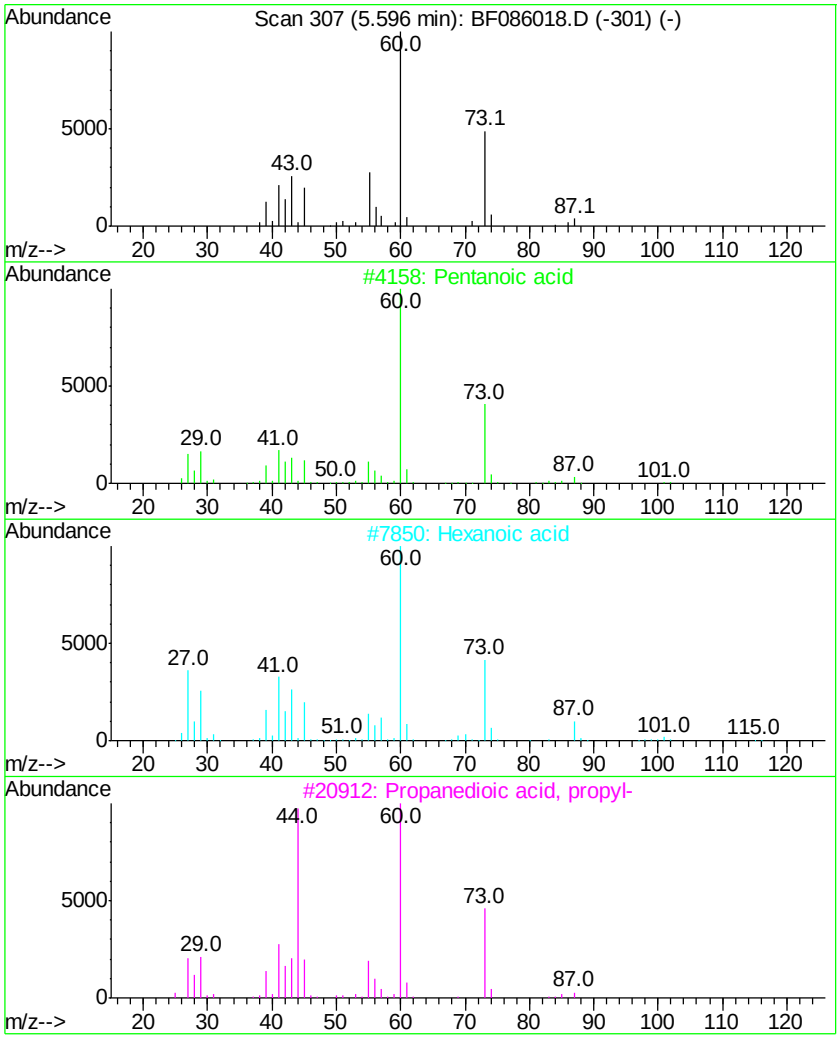
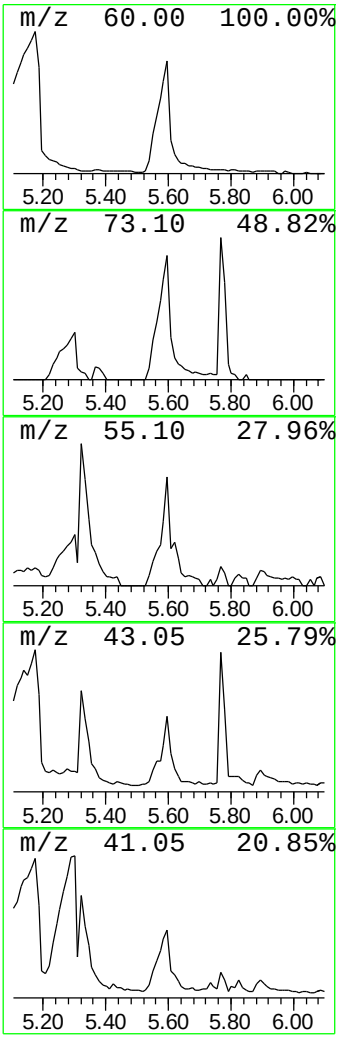
Peak Number 4 Pentanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	5.89 ng	183791	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
4	.alpha.-L-Galactopyranoside, met...	178	C7H14O5	014687-15-1	38
5	(S)-(+)-Isoleucinol	117	C6H15NO	024629-25-2	36





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Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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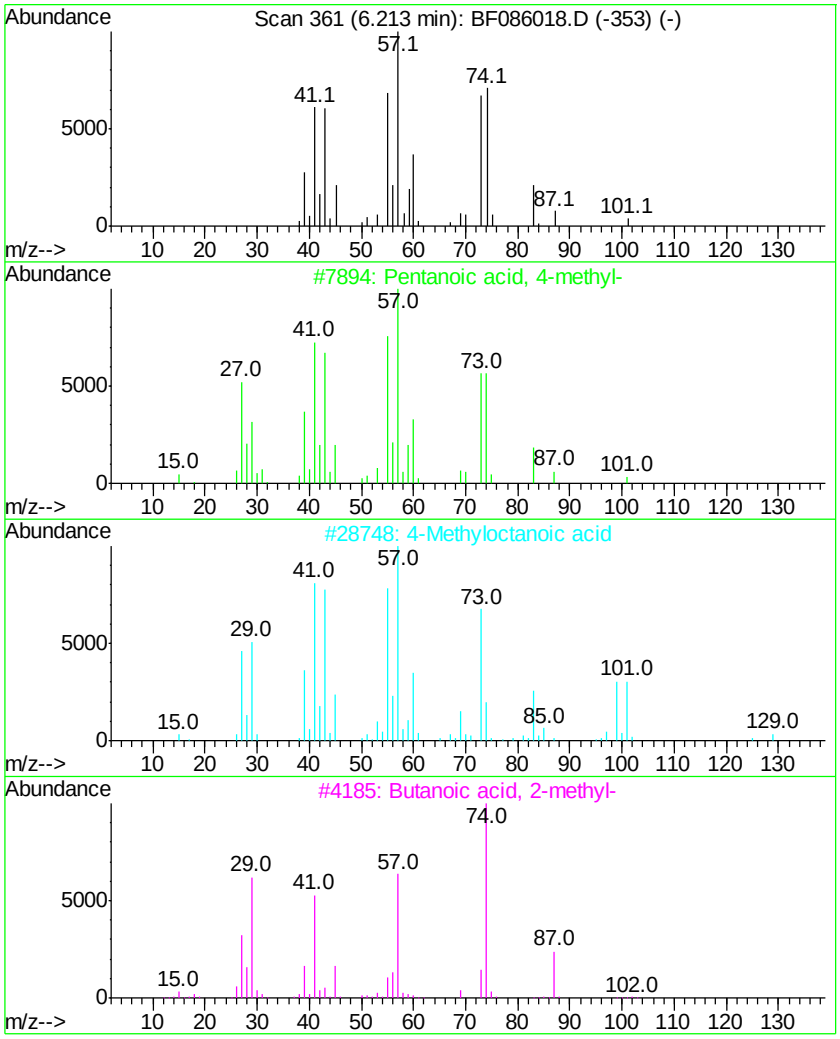
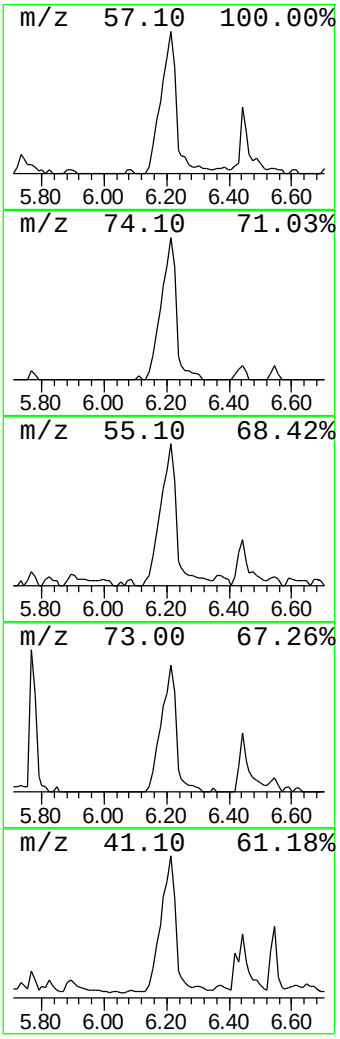
Peak Number 5 Pentanoic acid, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	9.37 ng	292248	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	91
2	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	59
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	28
4	2-Hydroxymethylcyclopropanecarbo...	130	C6H10O3	1000222-09-7	12
5	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	10





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Acq On : 2 Apr 2016 18:18
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Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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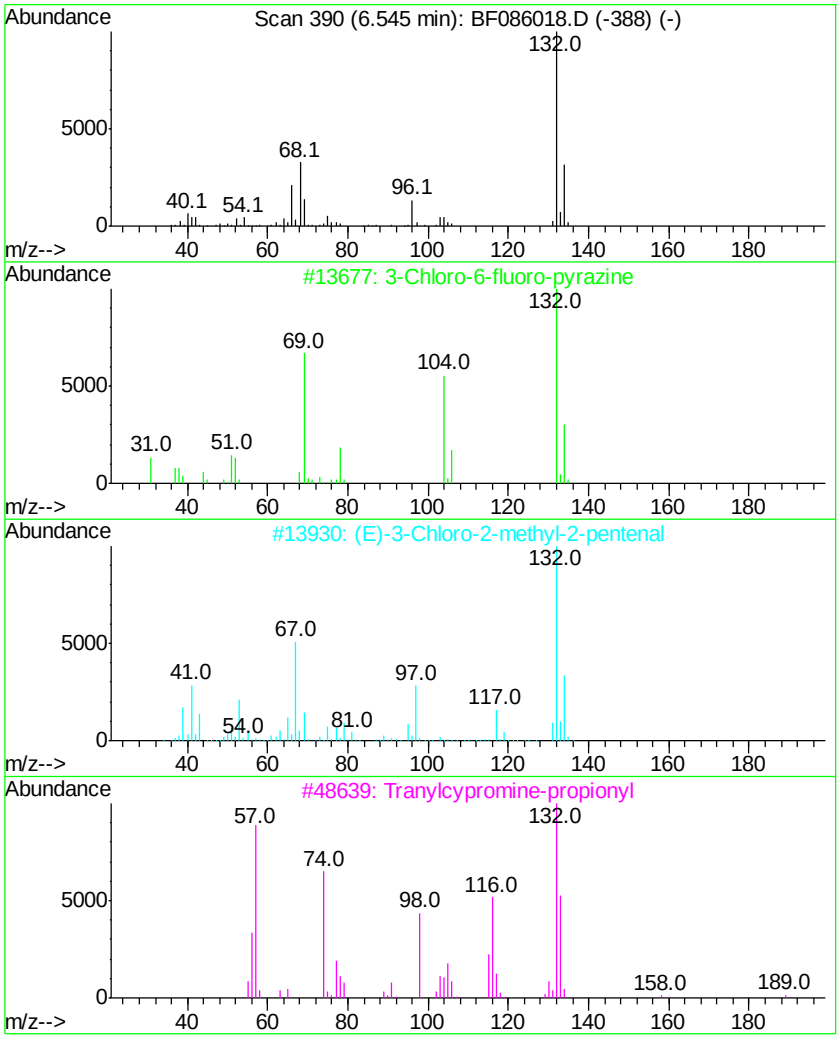
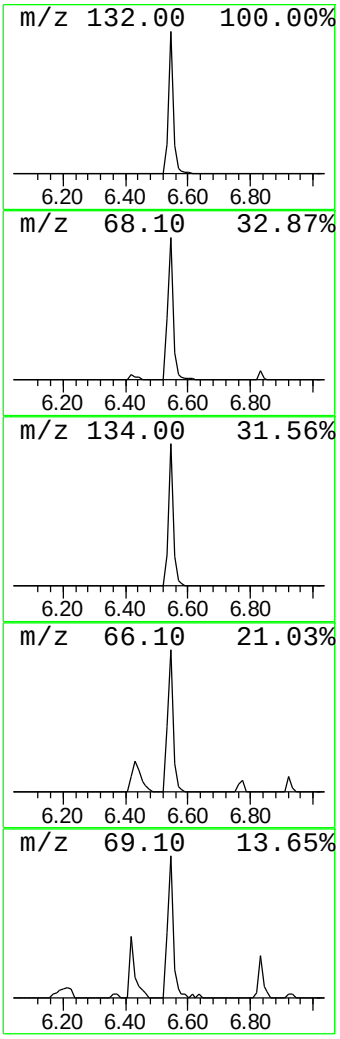
Peak Number 6 unknown6.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	9.71 ng	302838	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H2028-02
Misc :
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Instrument : BNA_F
ClientSampleId : W2DAY1

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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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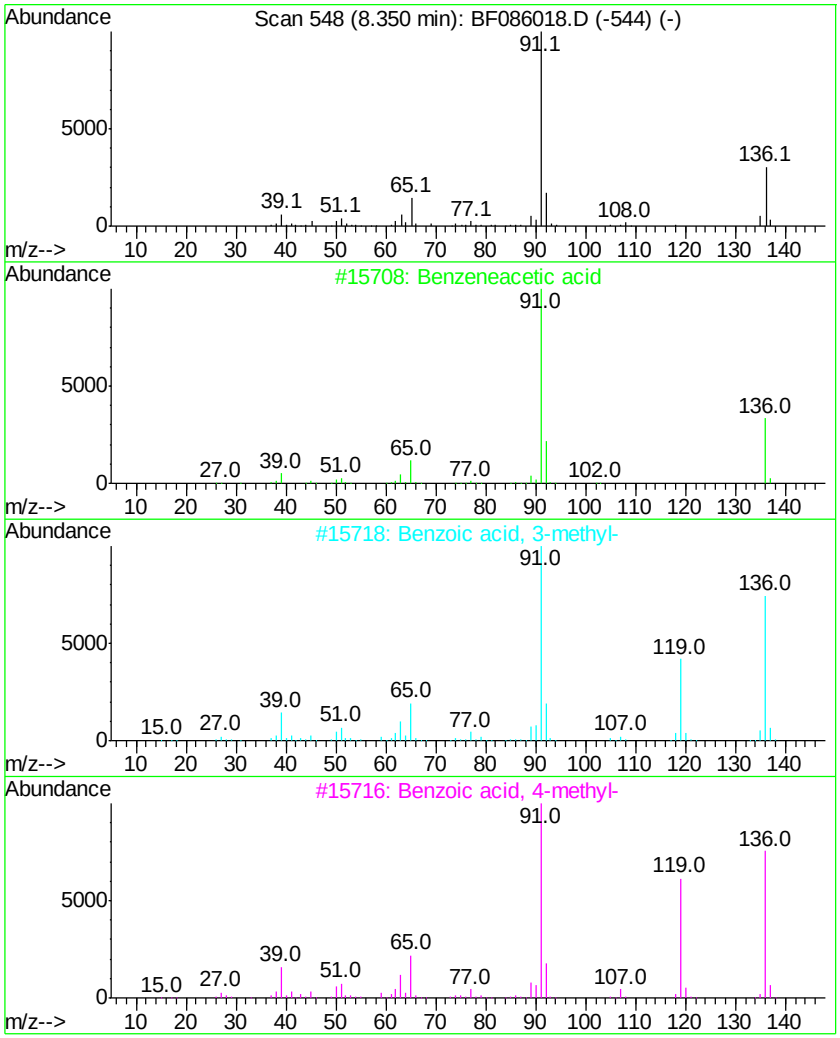
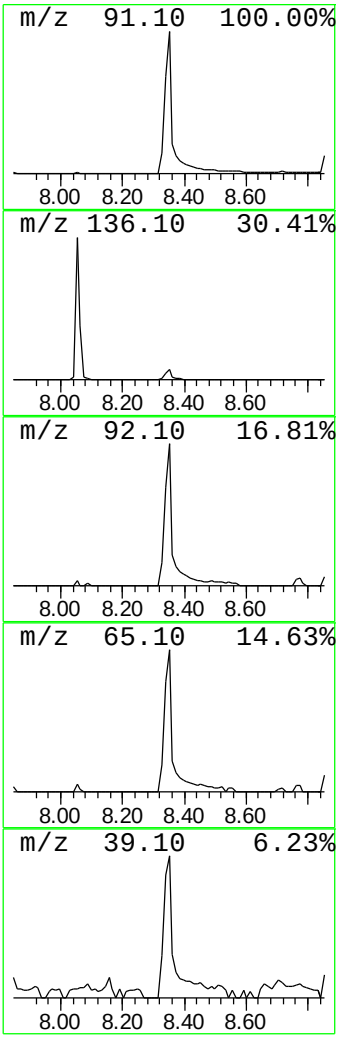
Peak Number 9 Benzeneacetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	9.99 ng	434583	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	64
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	50
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	50
5	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	50





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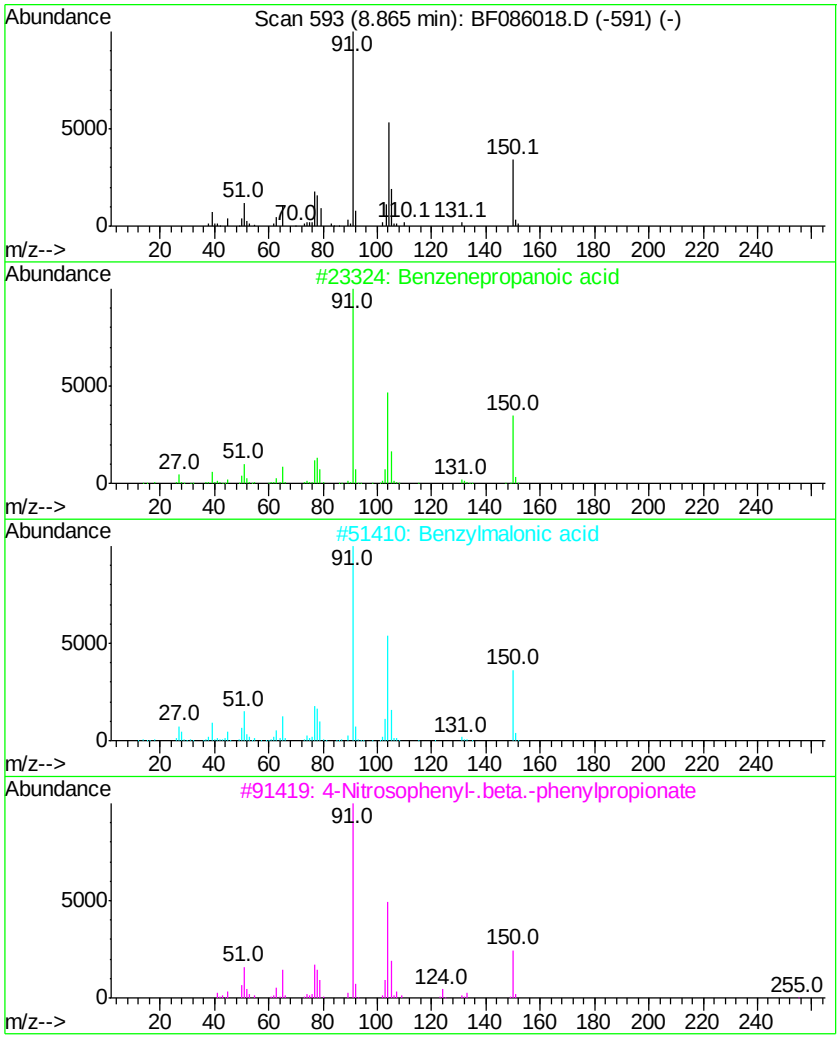
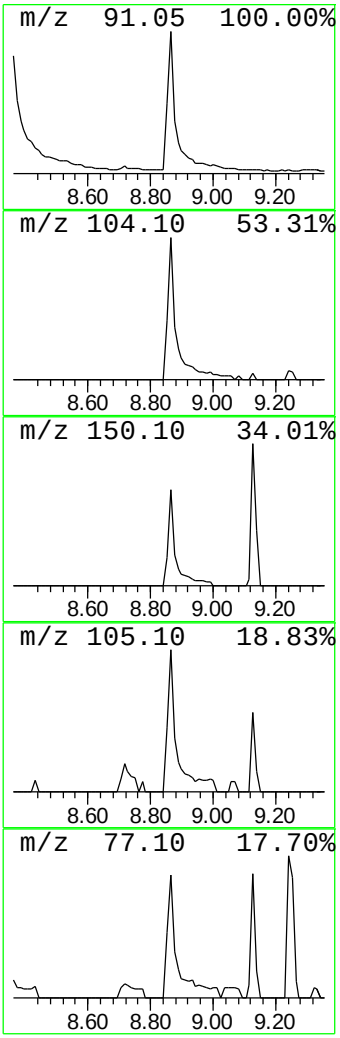
Peak Number 10 Benzenepropanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	3.02 ng	131504	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid	150	C9H10O2	000501-52-0	94
2	Benzylmalonic acid	194	C10H10O4	000616-75-1	91
3	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
4	3-Phenyl-propionic acid, isoprop...	192	C12H16O2	022767-95-9	78
5	Benzeneacetic acid, 2-phenylethy...	240	C16H16O2	000102-20-5	50





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Instrument : BNA_F
ClientSampleId : W2DAY1

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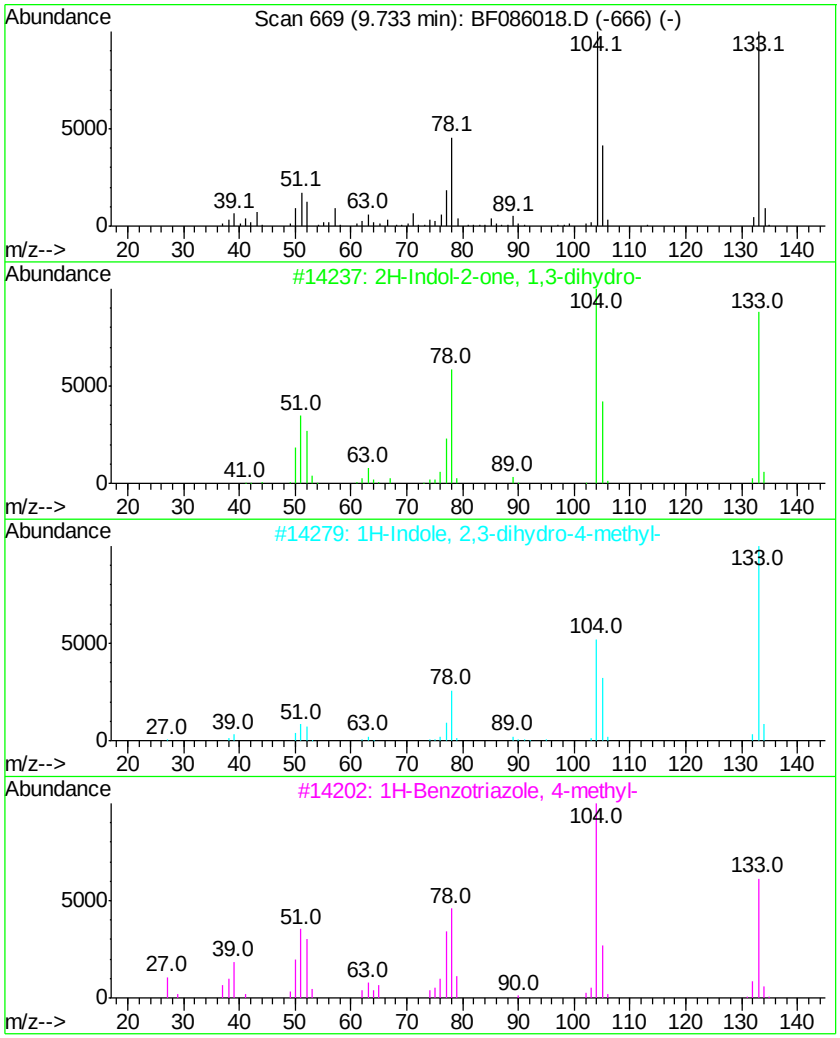
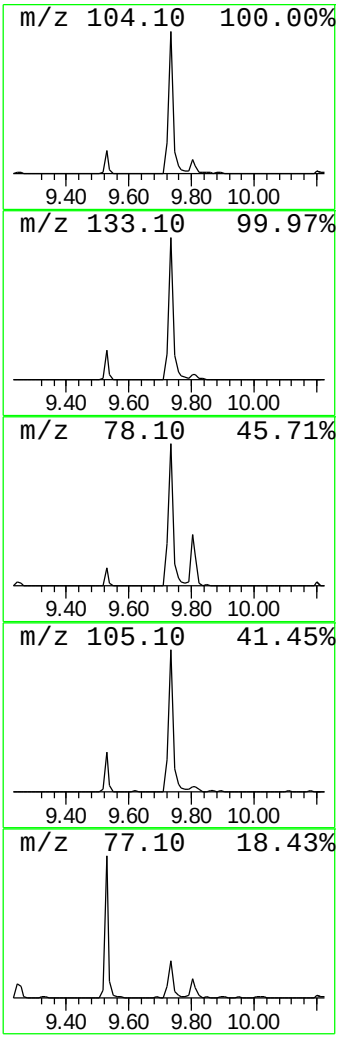
Peak Number 11 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	6.70 ng	457476	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	94
2	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	93
3	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	86
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	86
5	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	83





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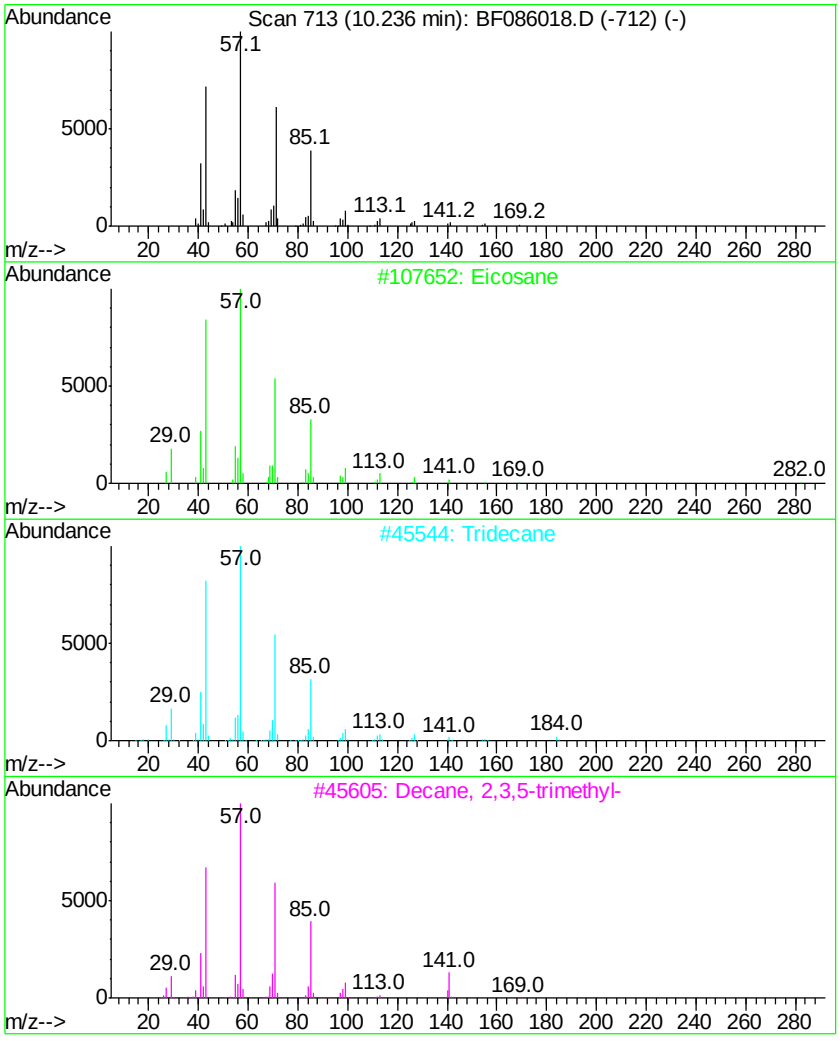
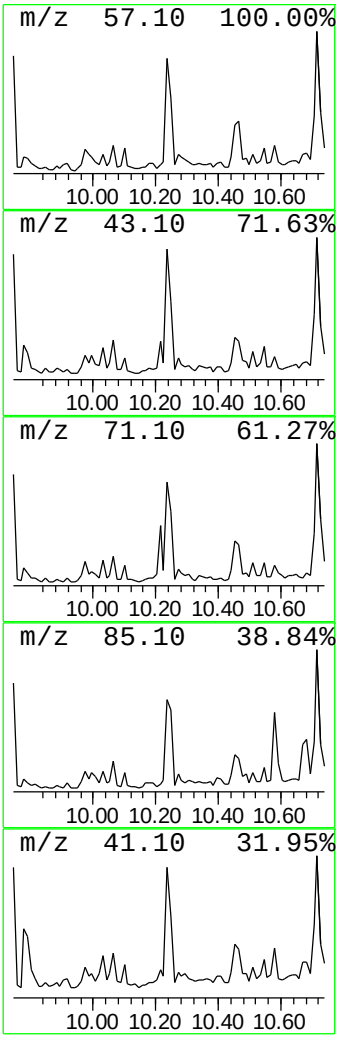
Peak Number 12 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.86 ng	194843	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	80





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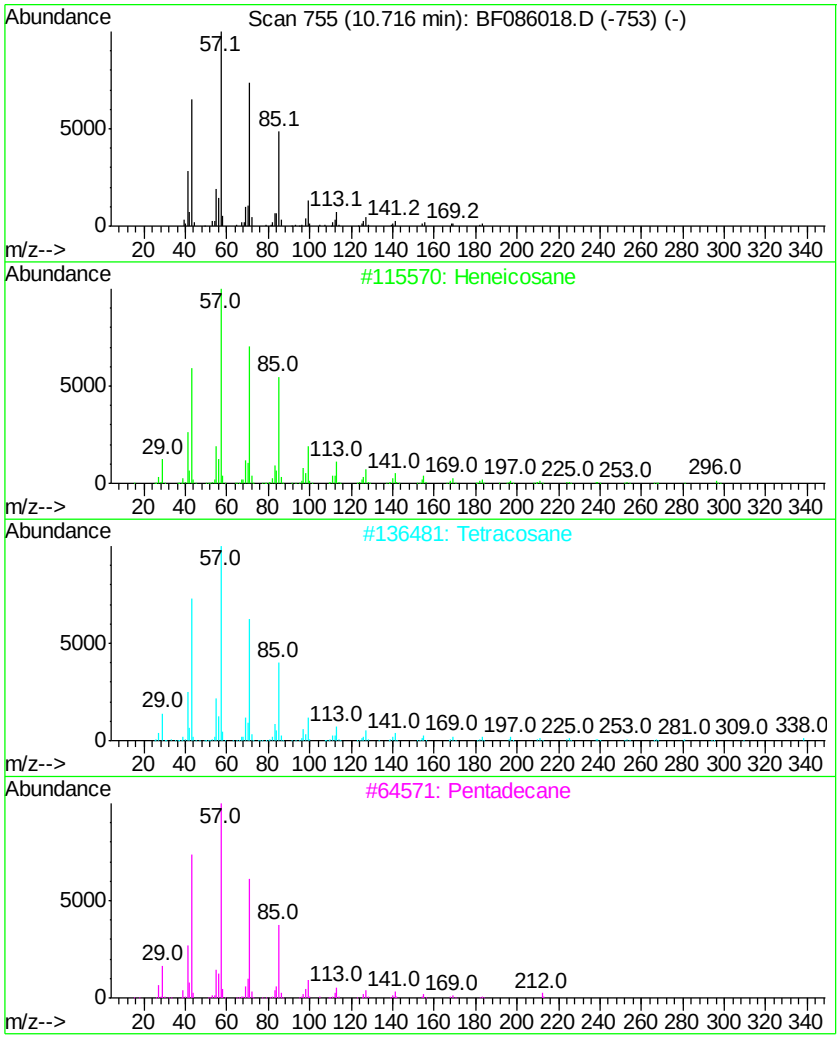
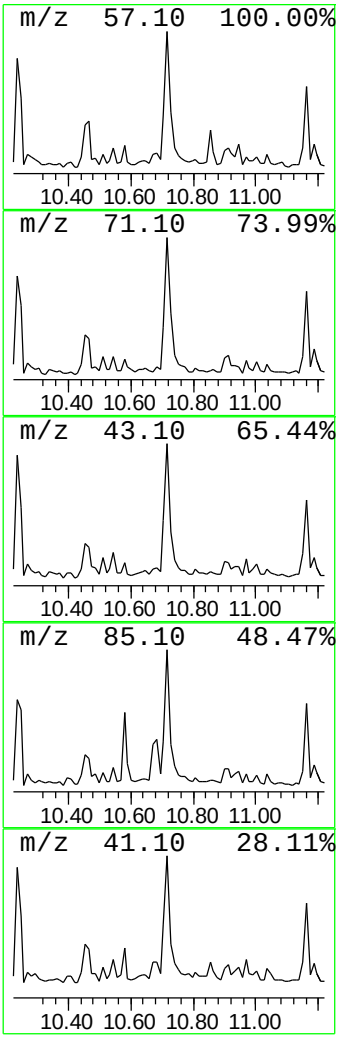
Peak Number 13 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	8.19 ng	394338	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptacosane	380	C27H56	000593-49-7	72





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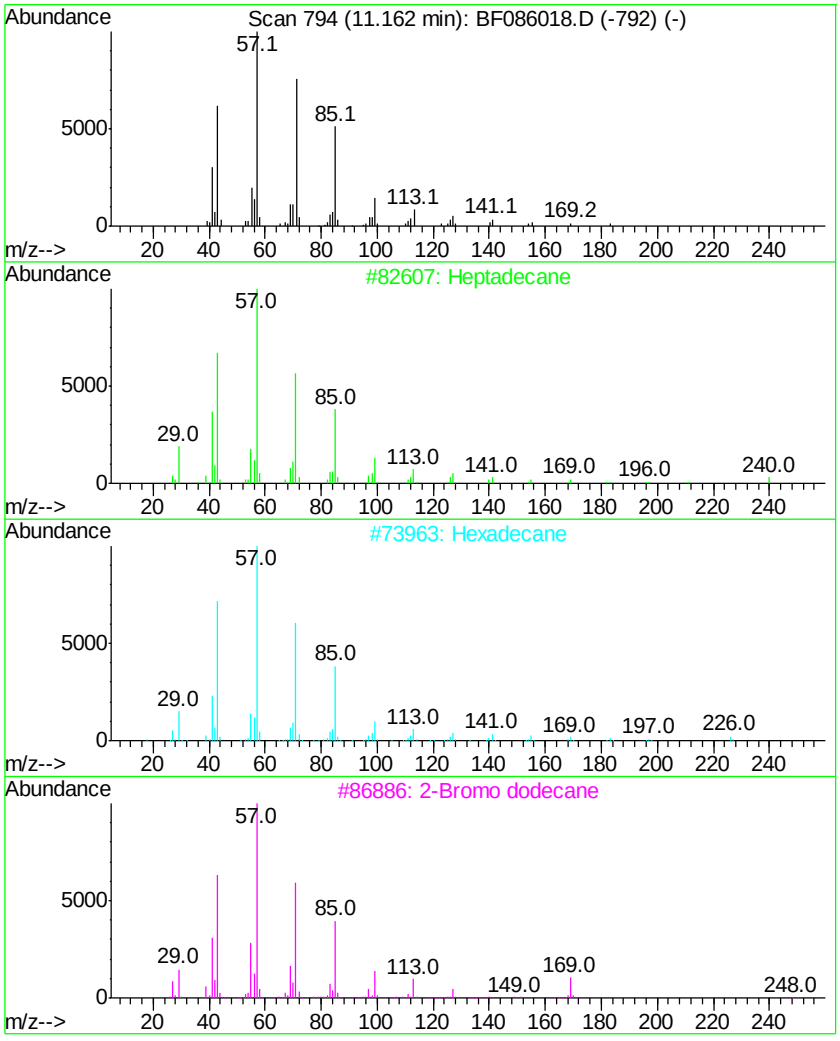
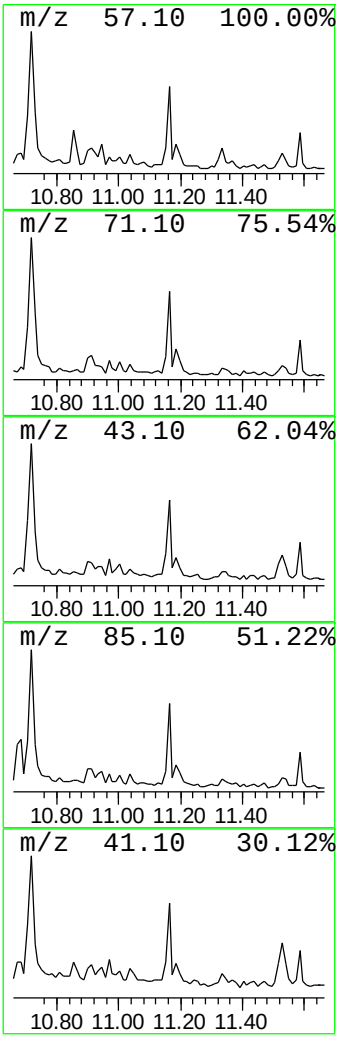
Peak Number 14 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.06 ng	147360	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Eicosane	282	C20H42	000112-95-8	80





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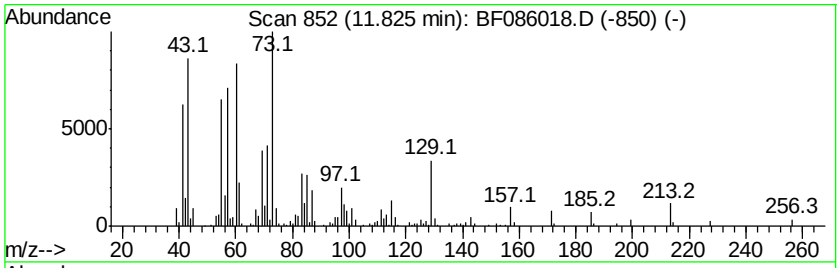
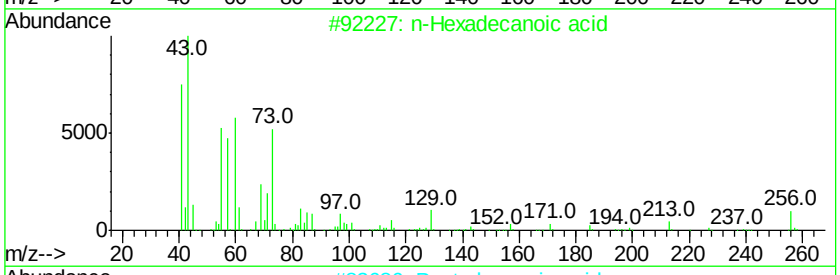
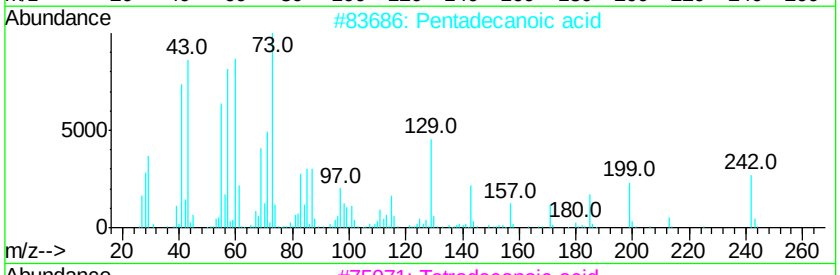
Peak Number 15 n-Hexadecanoic acid Concentration Rank 6

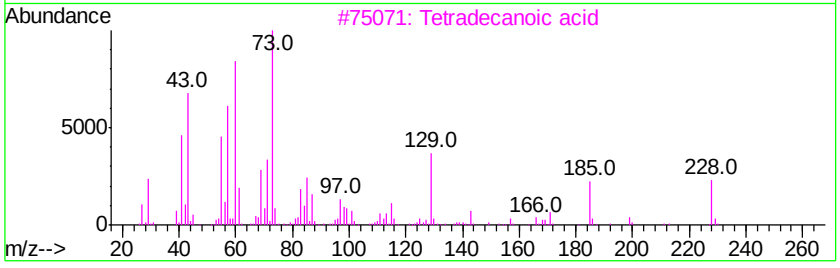
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	12.47 ng	600307	Phenanthrene-d10	11.29

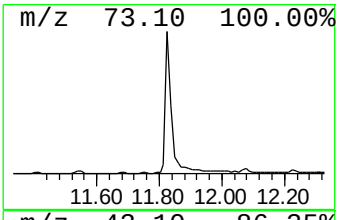
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	18

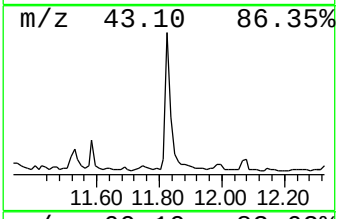


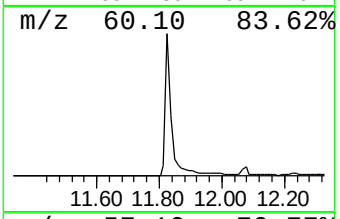


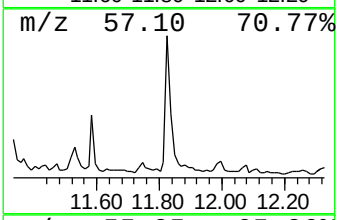


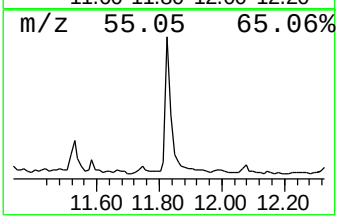












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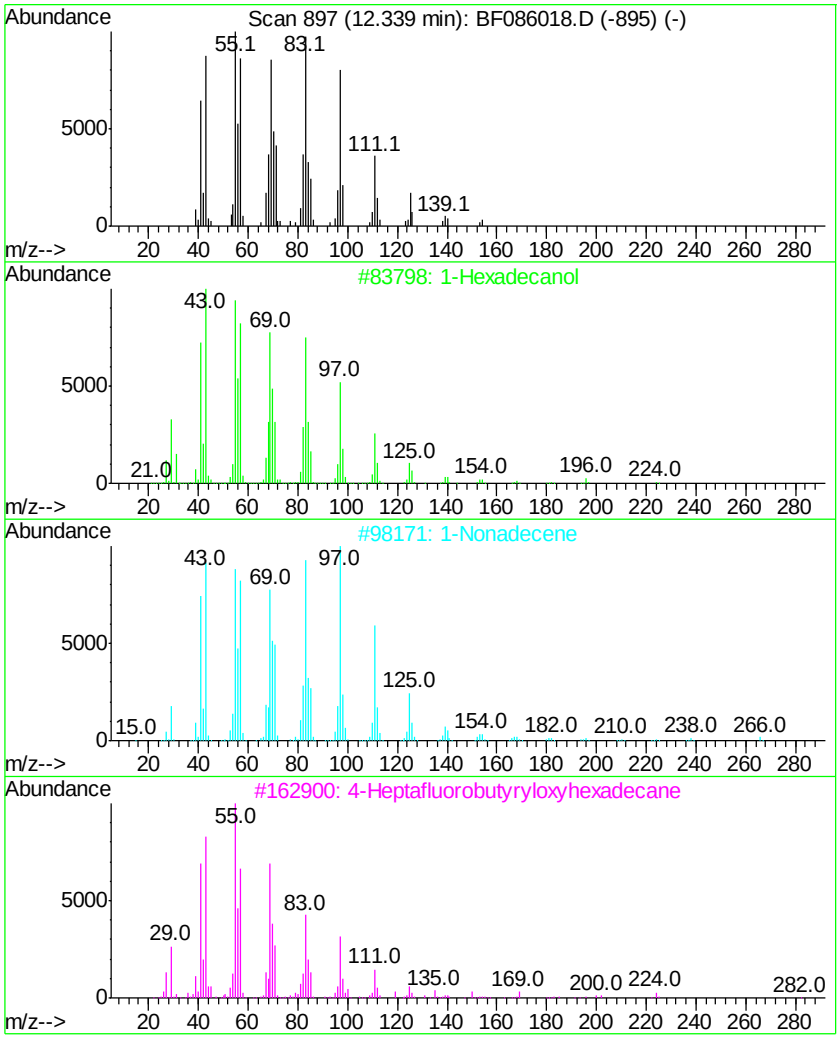
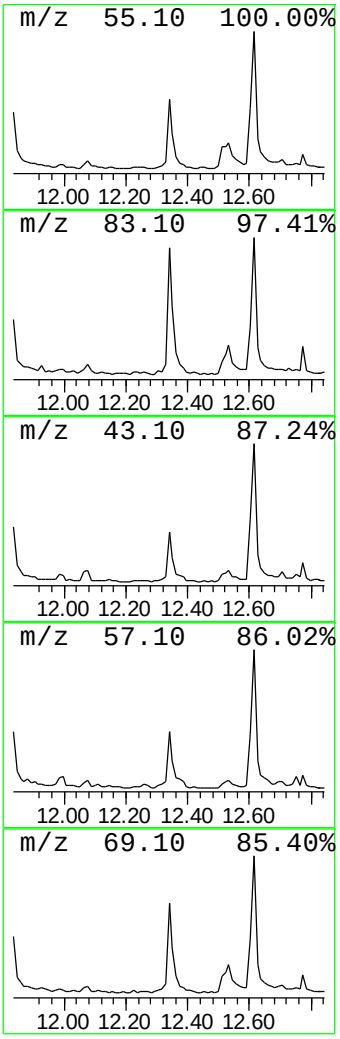
Peak Number 16 1-Hexadecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	5.16 ng	248590	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
4	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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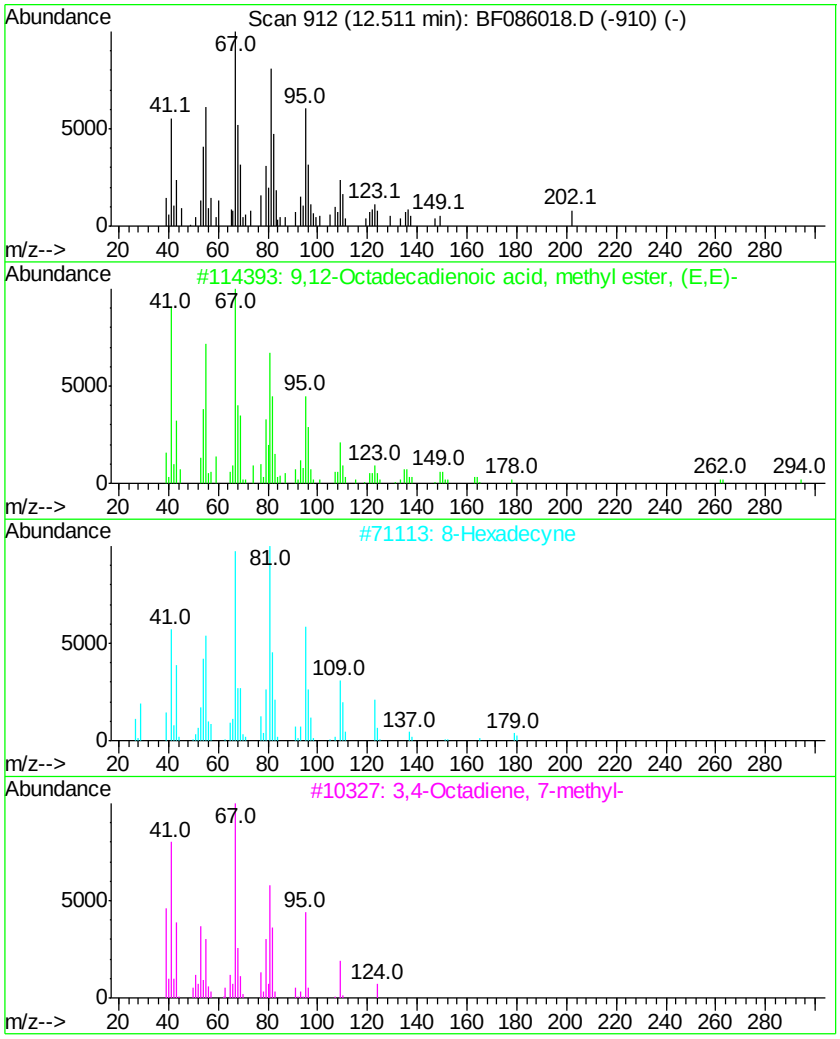
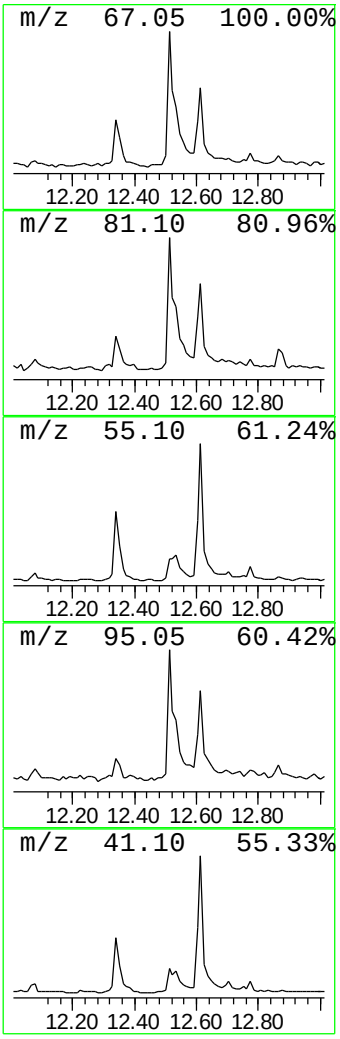
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.68 ng	225427	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	81
2	8-Hexadecyne	222	C16H30	019781-86-3	80
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76
4	7-Hexadecyne	222	C16H30	074685-28-2	72
5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	68





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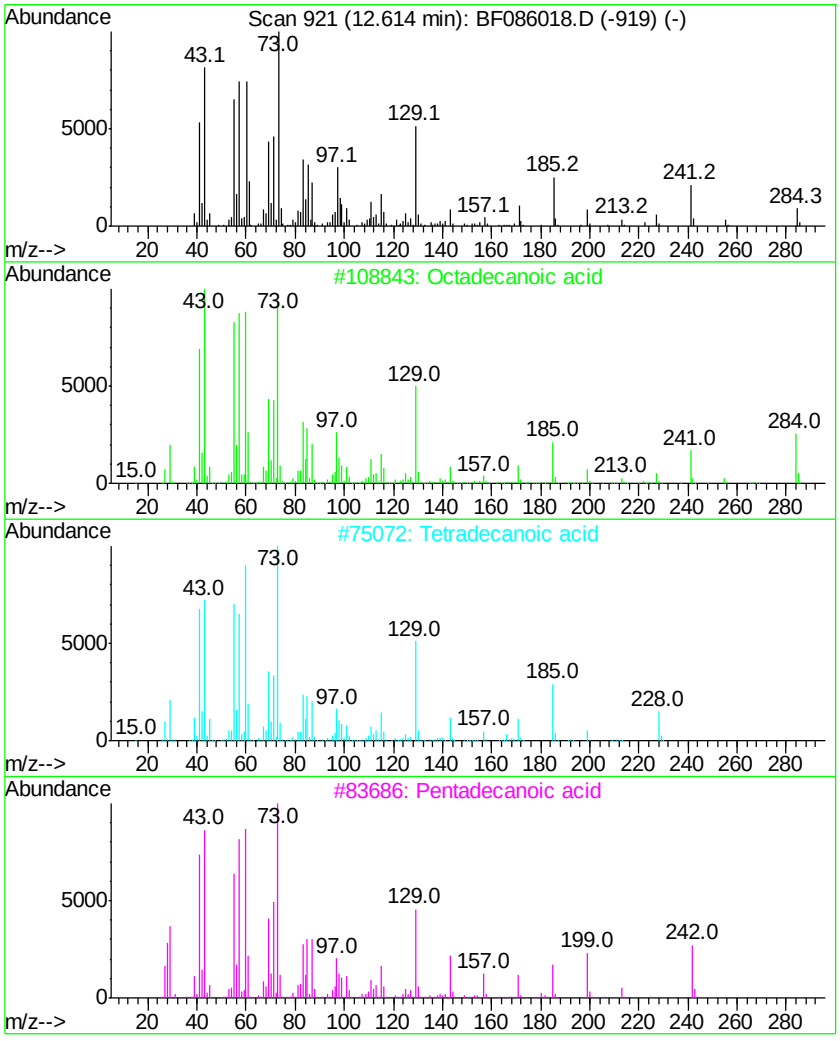
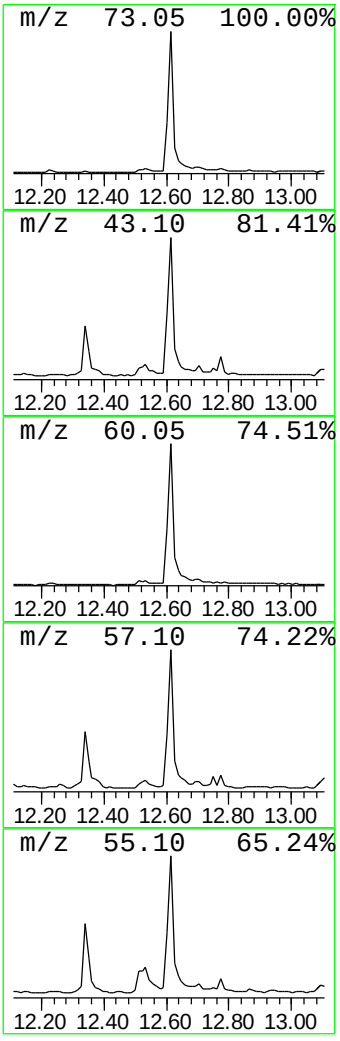
Peak Number 18 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	17.42 ng	682001	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	15





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Data File : BF086018.D
Acq On : 2 Apr 2016 18:18
Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

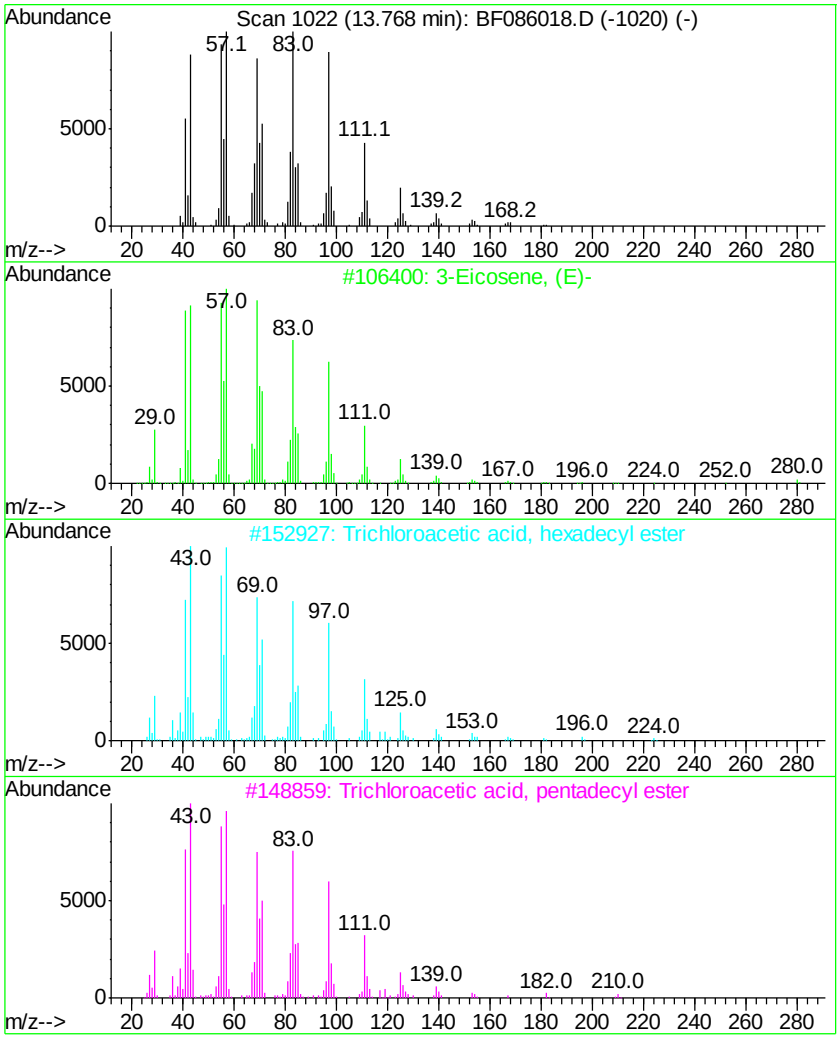
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

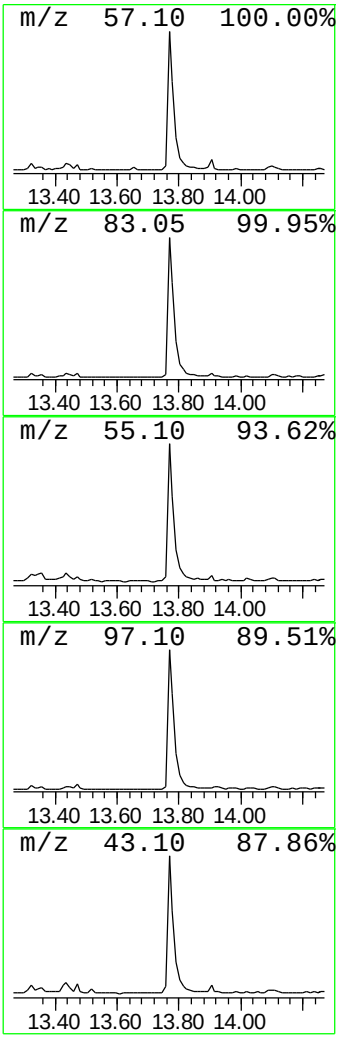
****

Peak Number 19 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	16.33 ng	639435	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086018.D
Acq On : 2 Apr 2016 18:18
Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

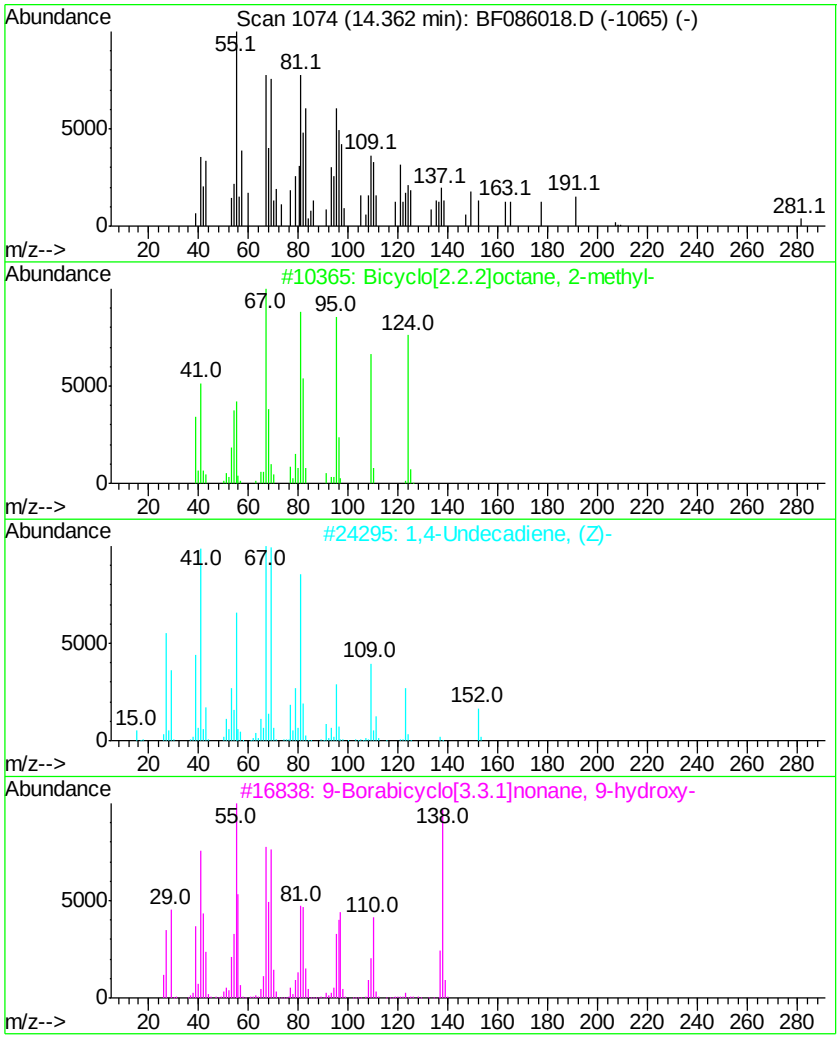
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

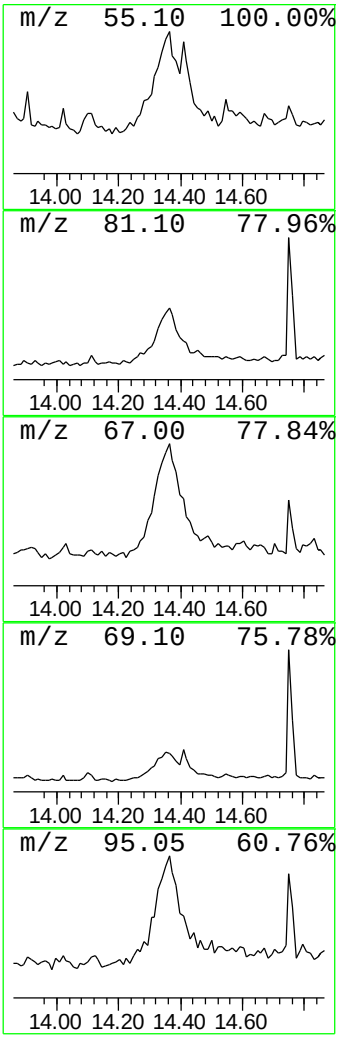
****

Peak Number 20 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.35 ng	170441	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	60
2	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	58
3	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	53
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
5	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086018.D
Acq On : 2 Apr 2016 18:18
Operator : UM/SJ
Sample : H2028-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W2DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.93	19.1	ng	597015	1	6.77	623604	20.0
Butanoic acid, 3-...	5.17	14.1	ng	440589	1	6.77	623604	20.0
Butanoic acid, 2-...	5.30	7.6	ng	238008	1	6.77	623604	20.0
Pentanoic acid	5.60	5.9	ng	183791	1	6.77	623604	20.0
Pentanoic acid, 4...	6.21	9.4	ng	292248	1	6.77	623604	20.0
unknown6.54	6.54	9.7	ng	302838	1	6.77	623604	20.0
Benzeneacetic acid	8.35	10.0	ng	434583	2	8.05	870271	20.0
Benzenepropanoic ...	8.86	3.0	ng	131504	2	8.05	870271	20.0
2H-Indol-2-one, 1...	9.73	6.7	ng	457476	3	9.81	1364780	20.0
Eicosane	10.24	2.9	ng	194843	3	9.81	1364780	20.0
Heneicosane	10.72	8.2	ng	394338	4	11.29	962806	20.0
Heptadecane	11.16	3.1	ng	147360	4	11.29	962806	20.0
n-Hexadecanoic acid	11.83	12.5	ng	600307	4	11.29	962806	20.0
1-Hexadecanol	12.34	5.2	ng	248590	4	11.29	962806	20.0
9,12-Octadecadien...	12.51	4.7	ng	225427	4	11.29	962806	20.0
Octadecanoic acid	12.61	17.4	ng	682001	5	13.93	783159	20.0
3-Eicosene, (E)-	13.77	16.3	ng	639435	5	13.93	783159	20.0
Bicyclo[2.2.2]oct...	14.36	4.3	ng	170441	5	13.93	783159	20.0