LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.704	122	124	126	rVB	167187	225234	4.47%	0.352%
2	4.344	146	180	182	rVB	122570	1334296	26.45%	2.086%
3	4.916	188	230	231	rBV2	293928	3767344	74.69%	5.888%
4	5.030	238	240	242	rVB	355008	482928	9.57%	0.755%
5	5.156	248	251	255	rVB	160028	222220	4.41%	0.347%
6	5.441	258	276	278	rBV	224491	1573700	31.20%	2.460%
7	5.544	282	285	287	rVV	3151609	3808732	75.51%	5.953%
8	5.682	287	297	300	rVV2	374289	2059623	40.83%	3.219%
9	6.059	303	330	332	rBV	620276	5043975	100.00%	7.884%
10	6.459	358	365	366	rVB	407381	1345472	26.67%	2.103%
11	6.516	366	370	372	rVB	514787	1057768	20.97%	1.653%
12	6.573	372	375	377	rVB	2864015	3680414	72.97%	5.753%
13	6.710	384	387	389	rVB	3682426	4139321	82.06%	6.470%
14	6.939	405	407	409	rBV	992982	840001	16.65%	1.313%
15	7.065	411	418	419	rBV	275978	667610	13.24%	1.043%
16	7.099	419	421	423	rVV	2744426	2649896	52.54%	4.142%
17	7.167	423	427	428	rVB	126659	194763	3.86%	0.304%
18	7.305	436	439	440	rBV2	39538	61629	1.22%	0.096%
19	7.339	440	442	444	rVB	324615	277980	5.51%	0.434%
20	7.453	449	452	453	rVV	145771	119782	2.37%	0.187%
21	7.499	453	456	458	rVV	1843637	2123534	42.10%	3.319%
22	7.533	458	459	461	rVB	189750	185027	3.67%	0.289%
23	7.647	461	469	471	rBV	434364	1045831	20.73%	1.635%
24	7.705	472	474	476	rVV	89798	114645	2.27%	0.179%
25	7.945	493	495	499	rBV3	78520	174725	3.46%	0.273%
26	8.082	503	507	509	rBV	1874125	2090304	41.44%	3.267%
27	8.219	515	519	521	rVB2	836091	1382140	27.40%	2.160%
28	8.287	521	525	526	rVB	88597	98593	1.95%	0.154%
29	8.333	526	529	531	rBV3	39073	64539	1.28%	0.101%
30	8.516	542	545	547	rBV2	89764	125679	2.49%	0.196%
31	8.562	547	549	551	rVV3	76586	101400	2.01%	0.158%
32	8.596	551	552	554	rVV2	67580	78101	1.55%	0.122%
33	8.642	554	556	561	rVB	184416	251123	4.98%	0.393%
34	8.813	569	571	573	rBV	374463	302278	5.99%	0.472%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	8.916	578	580	581	rVB	243002	266283	5.28%	0.416%
36	8.996	583	587	591	rVB2	222954	364019	7.22%	0.569%
37	9.099	594	596	597	rBV	73011	89859	1.78%	0.140%
38	9.133	597	599	601	rVB3	68723	128586	2.55%	0.201%
39	9.179	601	603	605	rBV	99508	88489	1.75%	0.138%
40	9.213	605	606	607	rBV	54906	66508	1.32%	0.104%
41	9.248	607	609	611	rVB	156865	145764	2.89%	0.228%
42	9.293	611	613	615	rVB	2073903	2941622	58.32%	4.598%
43	9.373	618	620	623	rBV	219187	314338	6.23%	0.491%
44	9.636	641	643	646	rVV2	65987	135312	2.68%	0.211%
45	9.693	646	648	652	rVV	728255	876061	17.37%	1.369%
46	9.911	663	667	669	rVV	216889	268569	5.32%	0.420%
47	9.979	671	673	675	rVB	1048367	920489	18.25%	1.439%
48	10.173	688	690	693	rVB2	64724	94951	1.88%	0.148%
49	10.265	697	698	704	rVV2	44700	128416	2.55%	0.201%
50	10.402	707	710	712	rVV	109104	152606	3.03%	0.239%
51	10.631	728	730	733	rVV2	46102	93374	1.85%	0.146%
52	10.688	733	735	739	rVB	146809	196112	3.89%	0.307%
53	10.768	739	742	744	rBV	1753140	1867876	37.03%	2.920%
54	10.882	750	752	756	rBV2	197506	286811	5.69%	0.448%
55	10.962	756	759	761	rBV4	35639	63856	1.27%	0.100%
56	11.042	761	766	769	rBV3	340487	464905	9.22%	0.727%
57	11.122	771	773	775	rVB	255602	278123	5.51%	0.435%
58	11.168	775	777	779	rBV	152117	163797	3.25%	0.256%
59	11.236	781	783	787	rVB3	237928	345270	6.85%	0.540%
60	11.351	789	793	796	rVB2	246832	320041	6.35%	0.500%
61	11.465	799	803	804	rBV	780656	944303	18.72%	1.476%
62	11.534	806	809	810	rVV	176175	169464	3.36%	0.265%
63	11.568	810	812	814	rVB	69126	92772	1.84%	0.145%
64	11.659	817	820	822	rBV	74624	96555	1.91%	0.151%
65	11.876	836	839	840	rVB2	113347	168717	3.34%	0.264%
66	11.922	840	843	845	rBV2	28077	62771	1.24%	0.098%
67	11.991	847	849	855	rBV	819262	1010223	20.03%	1.579%
68	12.151	860	863	867	rVV2	115652	218834	4.34%	0.342%
69	12.231	868	870	873	rVV3	53119	102633	2.03%	0.160%
70	12.311	873	877	878	rVV4	47119	106408	2.11%	0.166%
71	12.539	895	897	905	rVB5	175312	311287	6.17%	0.487%

LSC Area Percent Report

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Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	12.677	908	909	910	rBV	130580	126686	2.51%	0.198%
73	12.699	910	911	916	rVB3	82640	176374	3.50%	0.276%
74	12.779	916	918	920	rBV	641672	656432	13.01%	1.026%
75	12.905	926	929	930	rBV	58701	88615	1.76%	0.139%
76	12.928	930	931	936	rVB2	113272	147098	2.92%	0.230%
77	13.042	939	941	944	rBV	1481703	1837205	36.42%	2.872%
78	13.625	989	992	994	rBV3	64974	112700	2.23%	0.176%
79	13.899	1014	1016	1018	rBV2	95568	101645	2.02%	0.159%
80	13.945	1018	1020	1026	rVB	437886	522667	10.36%	0.817%
81	14.094	1030	1033	1036	rBV	463954	754297	14.95%	1.179%
82	14.574	1073	1075	1078	rBV	79233	108839	2.16%	0.170%
83	14.791	1091	1094	1096	rBV	52285	78253	1.55%	0.122%
84	15.100	1118	1121	1122	rBV2	30400	63639	1.26%	0.099%
85	15.134	1122	1124	1129	rVV	68549	169435	3.36%	0.265%
86	15.214	1129	1131	1136	rVV2	78970	155591	3.08%	0.243%
87	15.557	1159	1161	1164	rBV	471387	768228	15.23%	1.201%
88	16.083	1204	1207	1215	rVB4	89778	233819	4.64%	0.365%
89	16.265	1221	1223	1224	rBV	49496	76108	1.51%	0.119%
90	16.448	1236	1239	1243	rBV4	25757	67807	1.34%	0.106%
91	16.528	1244	1246	1248	rVV	39659	82552	1.64%	0.129%
92	16.574	1248	1250	1255	rVB	54640	100296	1.99%	0.157%
93	17.066	1290	1293	1296	rVB3	50102	111199	2.20%	0.174%
94	17.134	1297	1299	1302	rVB	35521	60663	1.20%	0.095%
95	17.214	1302	1306	1310	rBV6	38021	116175	2.30%	0.182%
96	17.374	1317	1320	1325	rVB4	57525	143428	2.84%	0.224%
97	17.614	1337	1341	1347	rBV4	102675	429146	8.51%	0.671%
98	18.186	1388	1391	1395	rVB5	40855	107287	2.13%	0.168%
99	18.426	1408	1412	1421	rBV5	76817	212366	4.21%	0.332%
100	18.574	1421	1425	1430	rBV3	104700	333367	6.61%	0.521%

Sum of corrected areas: 63978528

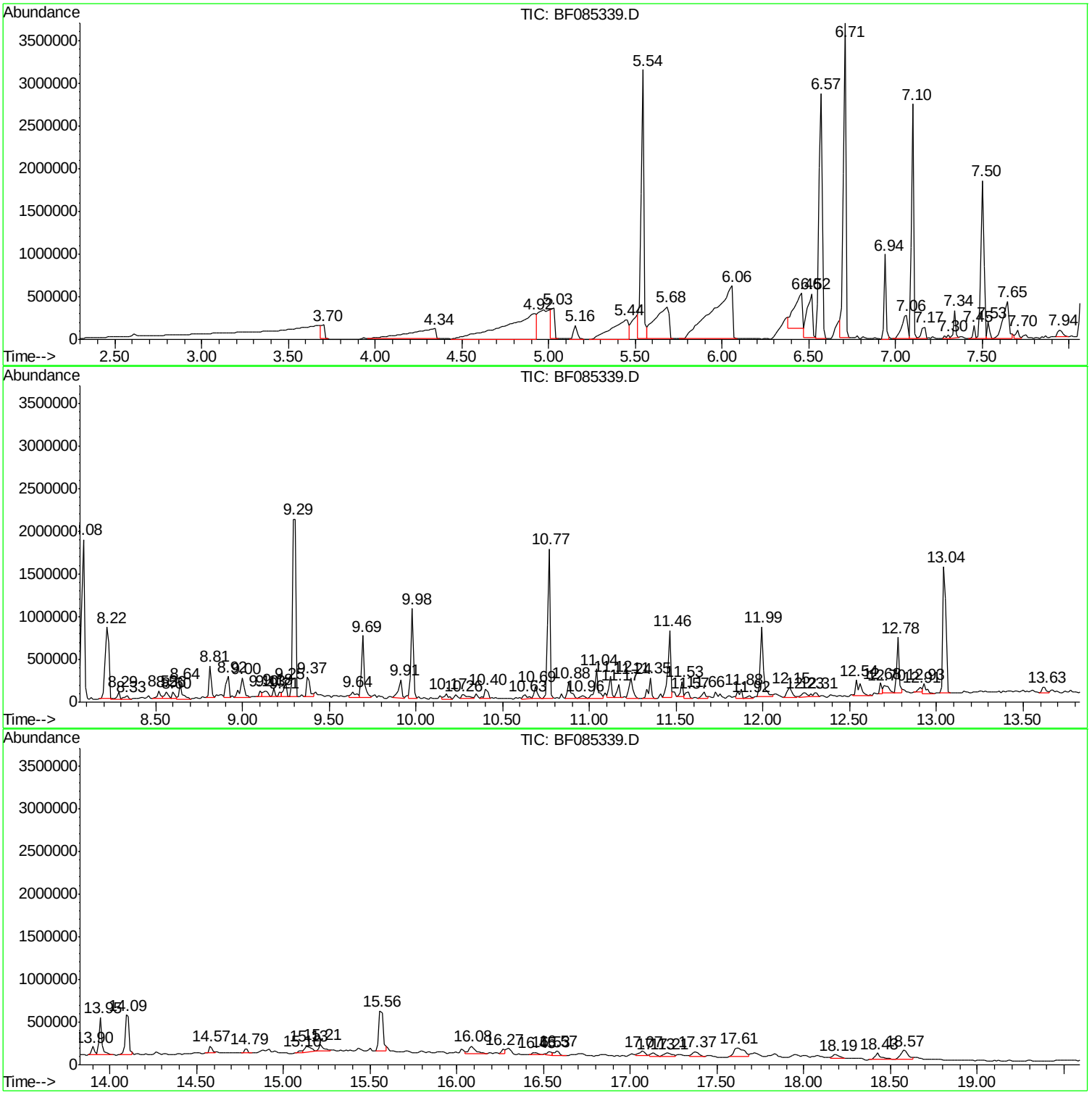
LSC Report - Integrated Chromatogram

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

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



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

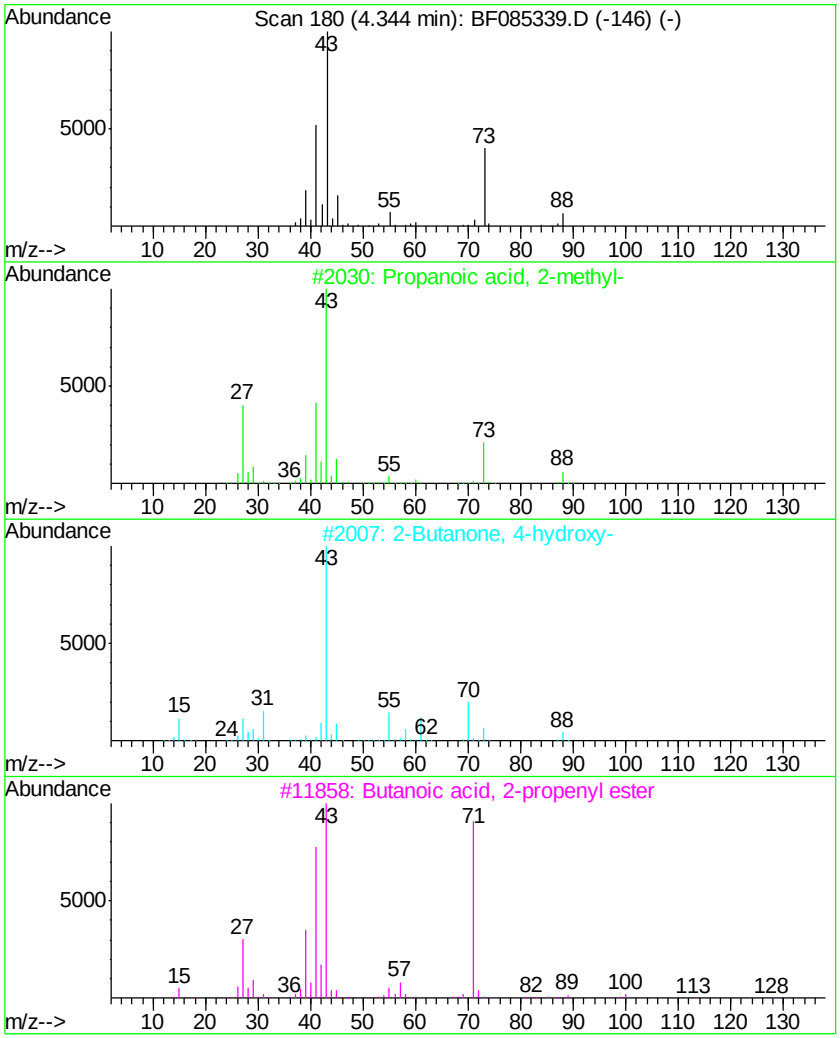
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

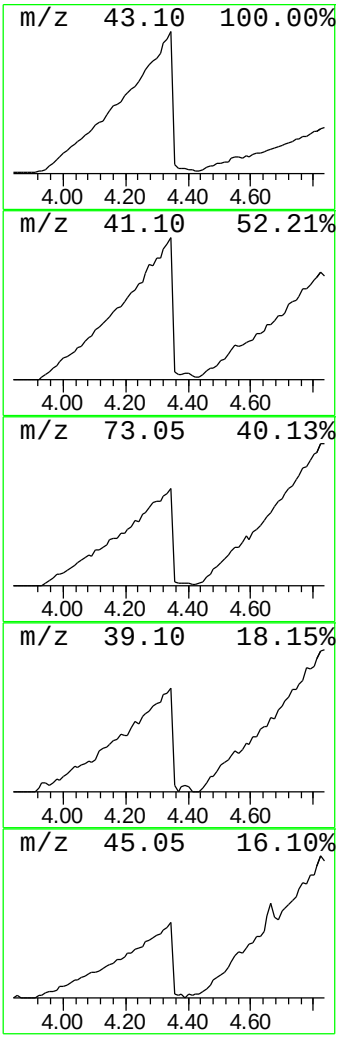
****

Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	31.77 ng	1334300	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	91
2	2-Butanone, 4-hydroxy-	88	C4H8O2	000590-90-9	42
3	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	32
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	23
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	17





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

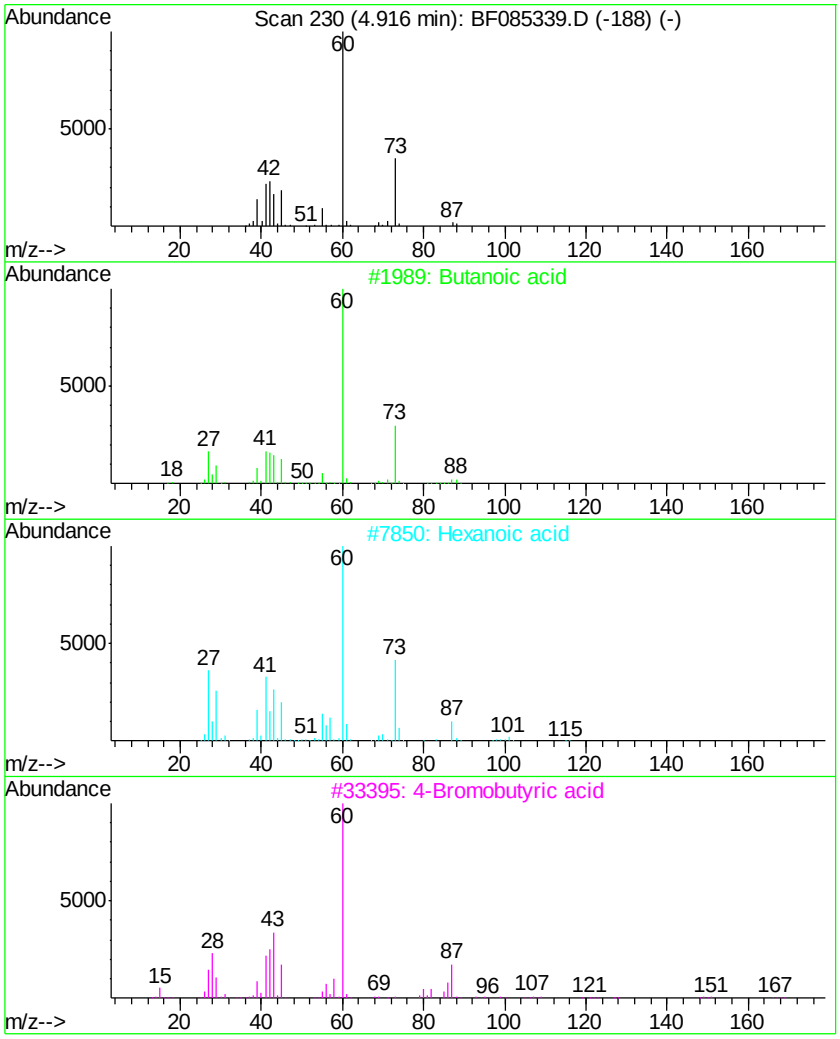
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

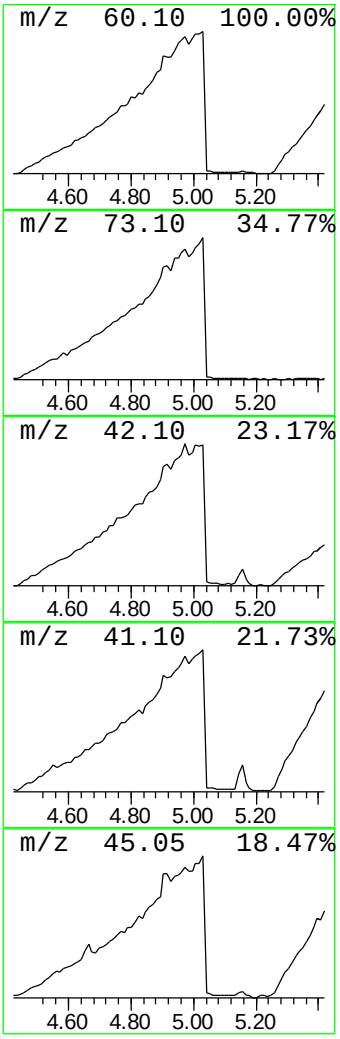
****

Peak Number 2 Butanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	89.70 ng	3767340	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	86
2	Hexanoic acid	116	C6H12O2	000142-62-1	9
3	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	7
5	Urea	60	CH4N2O	000057-13-6	5





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

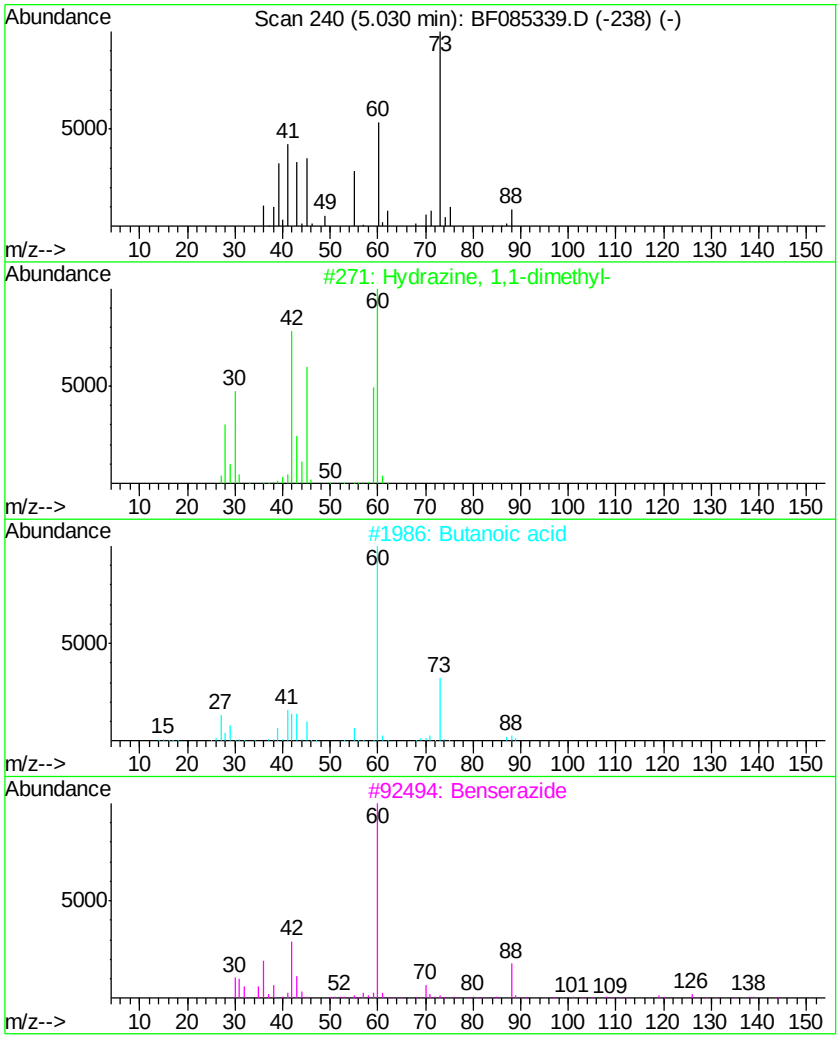
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

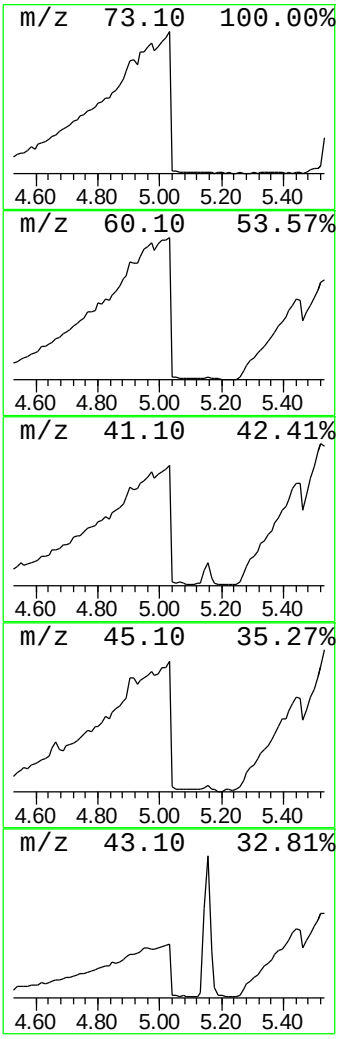
****

Peak Number 3 unknown5.03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	11.50 ng	482928	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	43
2	Butanoic acid	88	C4H8O2	000107-92-6	22
3	Benserazide	257	C10H15N3O5	000322-35-0	17
4	2-Propanamine, N-hydroxy-	75	C3H9NO	005080-22-8	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





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Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

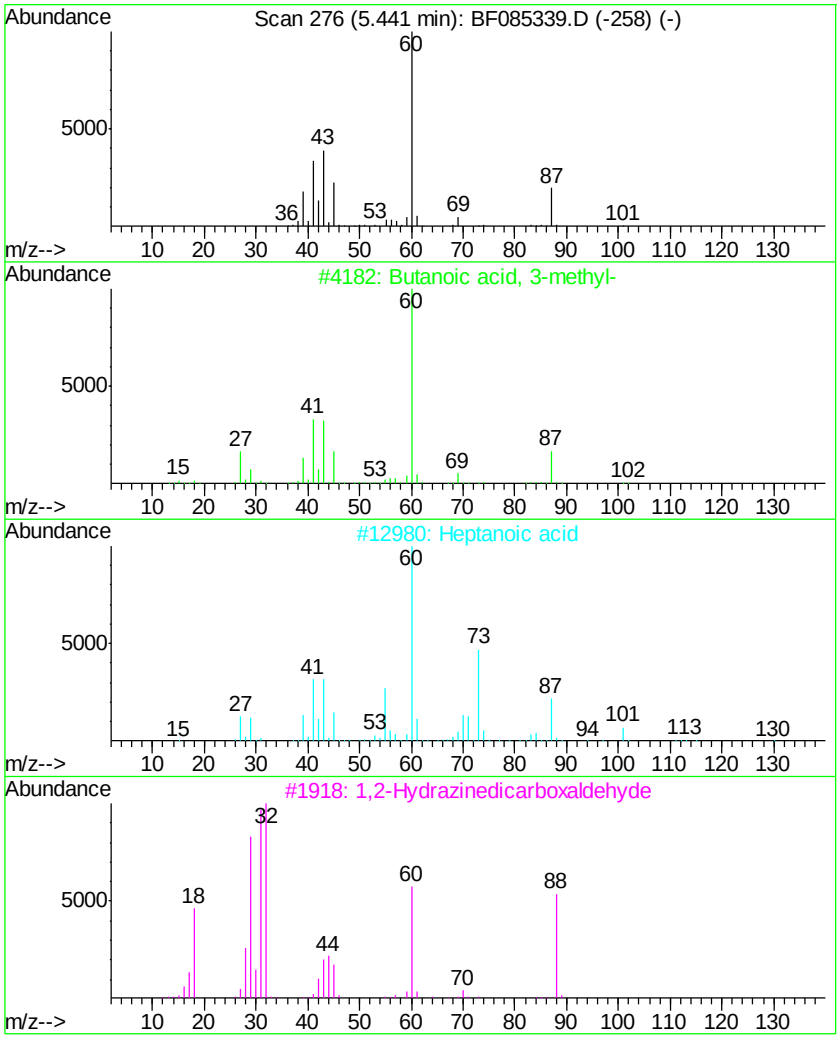
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

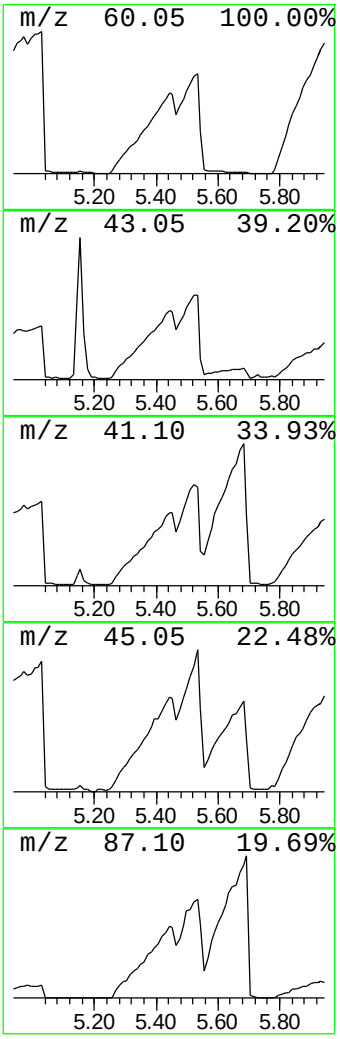
****

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	37.47 ng	1573700	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Heptanoic acid	130	C7H14O2	000111-14-8	39
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
4	Pentanoic acid	102	C5H10O2	000109-52-4	36
5	1-Pentanamine	87	C5H13N	000110-58-7	9





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Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

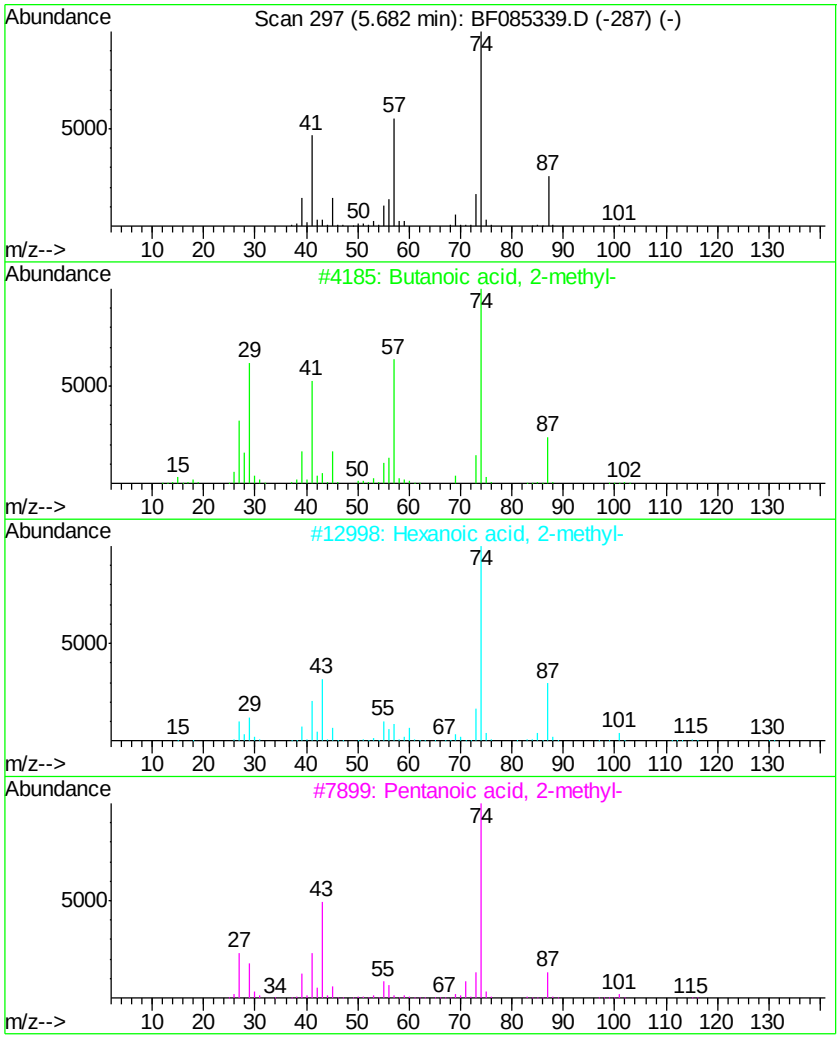
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

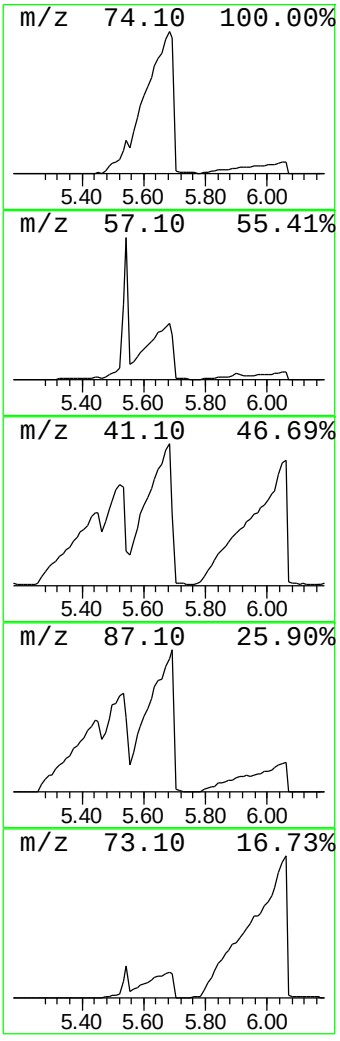
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	49.04 ng	2059620	1,4-Dichlorobenzene-d4	6.94

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	56
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	39
4	Propanoic acid	74	C3H6O2	000079-09-4	9
5	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	9





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Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

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

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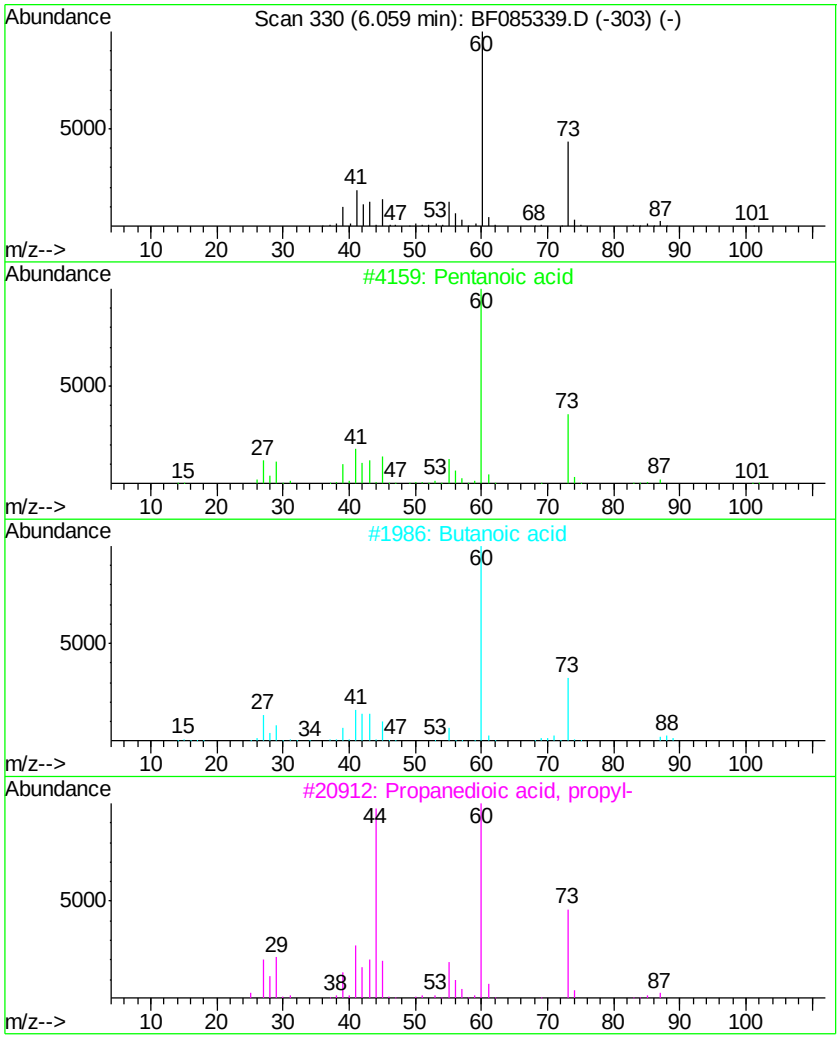
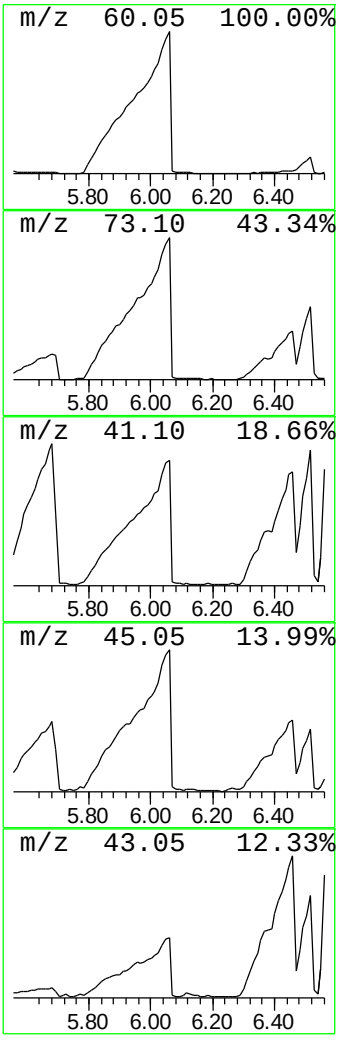
Peak Number 6 Pentanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	120.09 ng	5043980	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	90
2	Butanoic acid	88	C4H8O2	000107-92-6	78
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	59
4	Hexanoic acid	116	C6H12O2	000142-62-1	56
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	39





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Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

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

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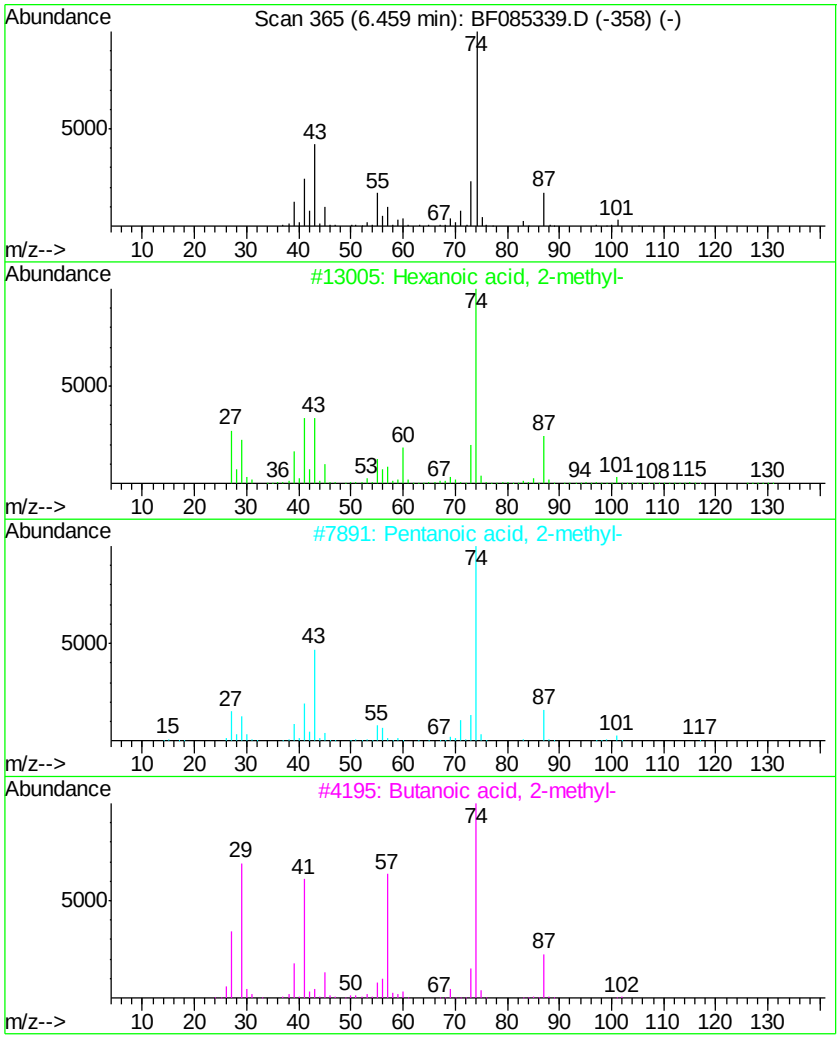
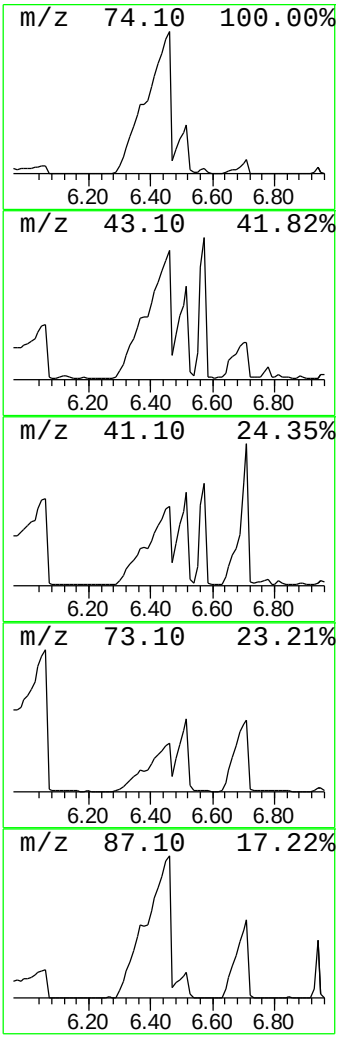
Peak Number 7 Hexanoic acid, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	32.04 ng	1345470	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	78
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	59
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	39
4	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	38
5	Pentanoic acid, 3-methyl-, methy...	130	C7H14O2	002177-78-8	9





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Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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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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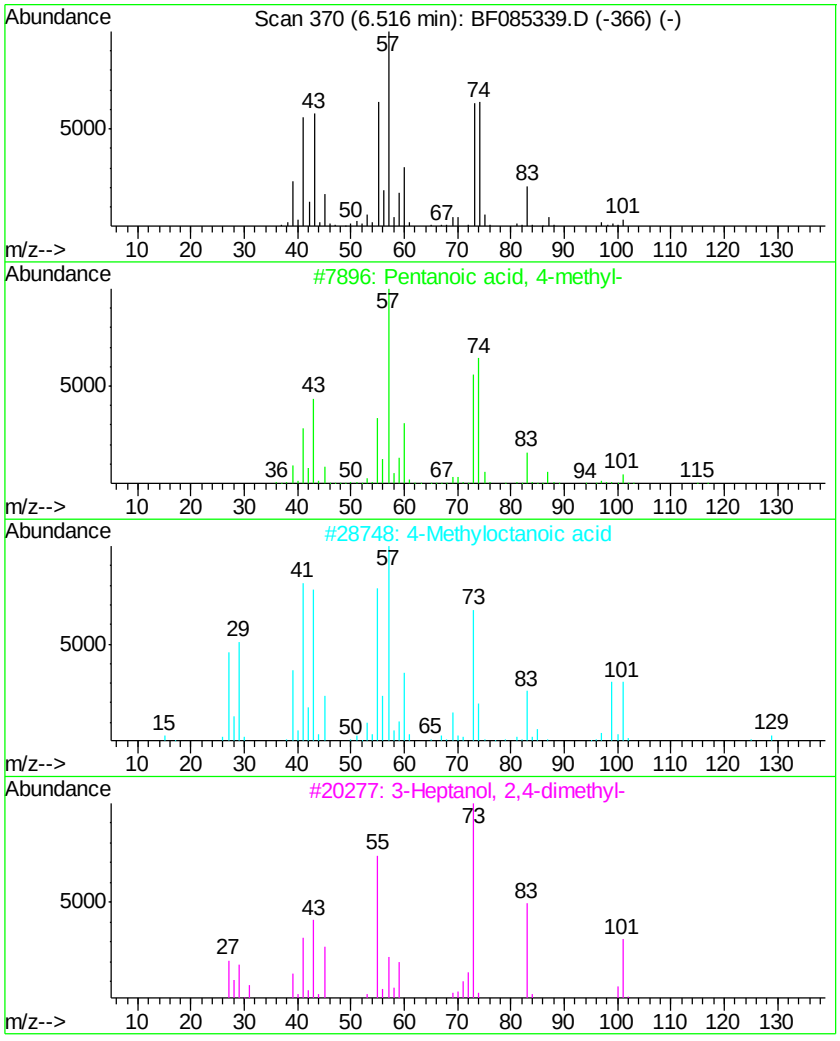
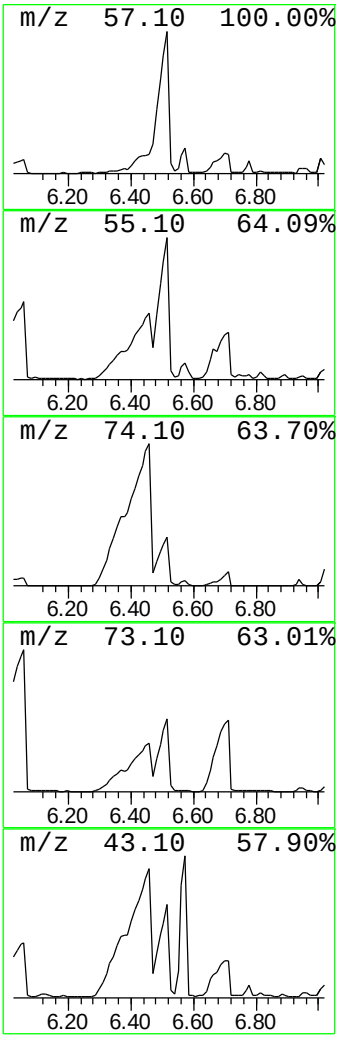
Peak Number 8 Pentanoic acid, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	25.18 ng	1057770	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	78
2	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	42
3	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	12
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	10
5	2-Hydroxymethylcyclopropanecarbo...	130	C6H10O3	1000222-09-7	10





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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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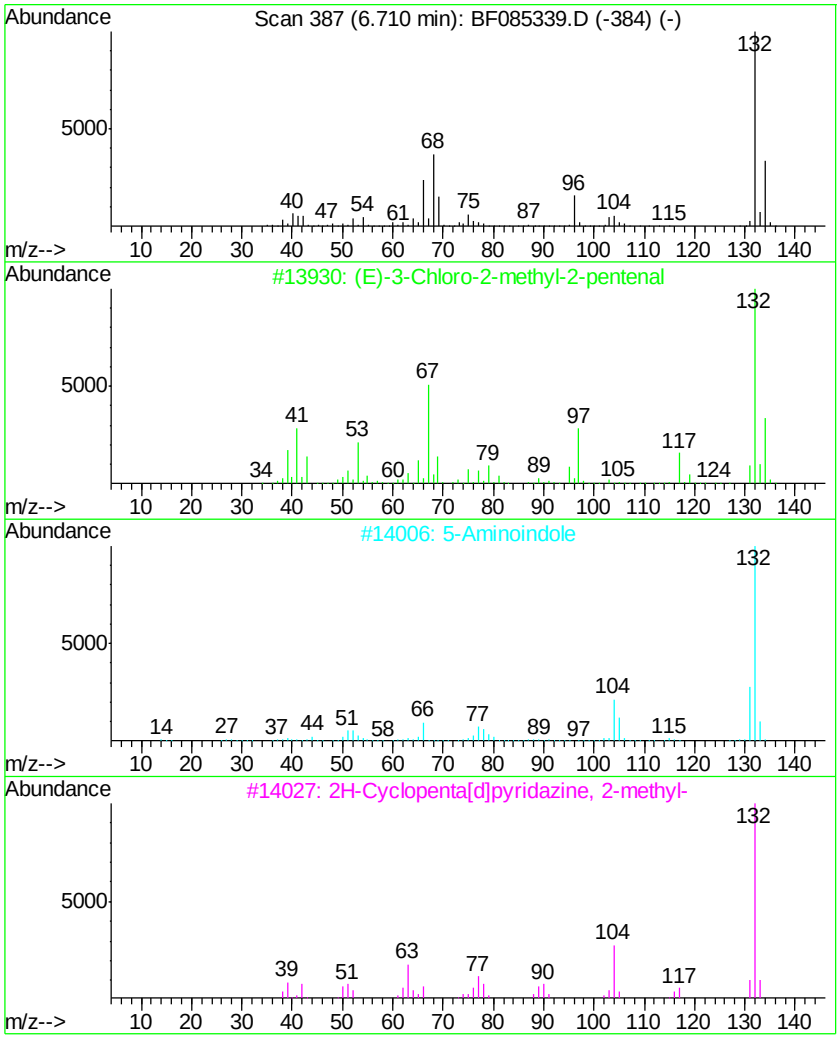
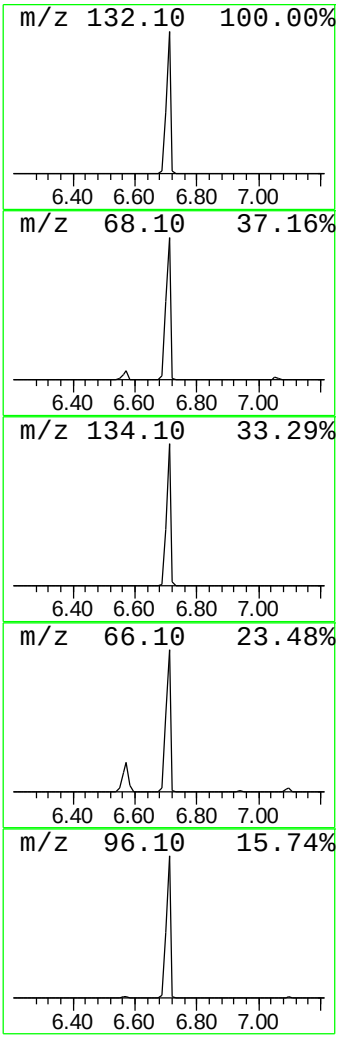
Peak Number 9 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	98.56 ng	4139320	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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

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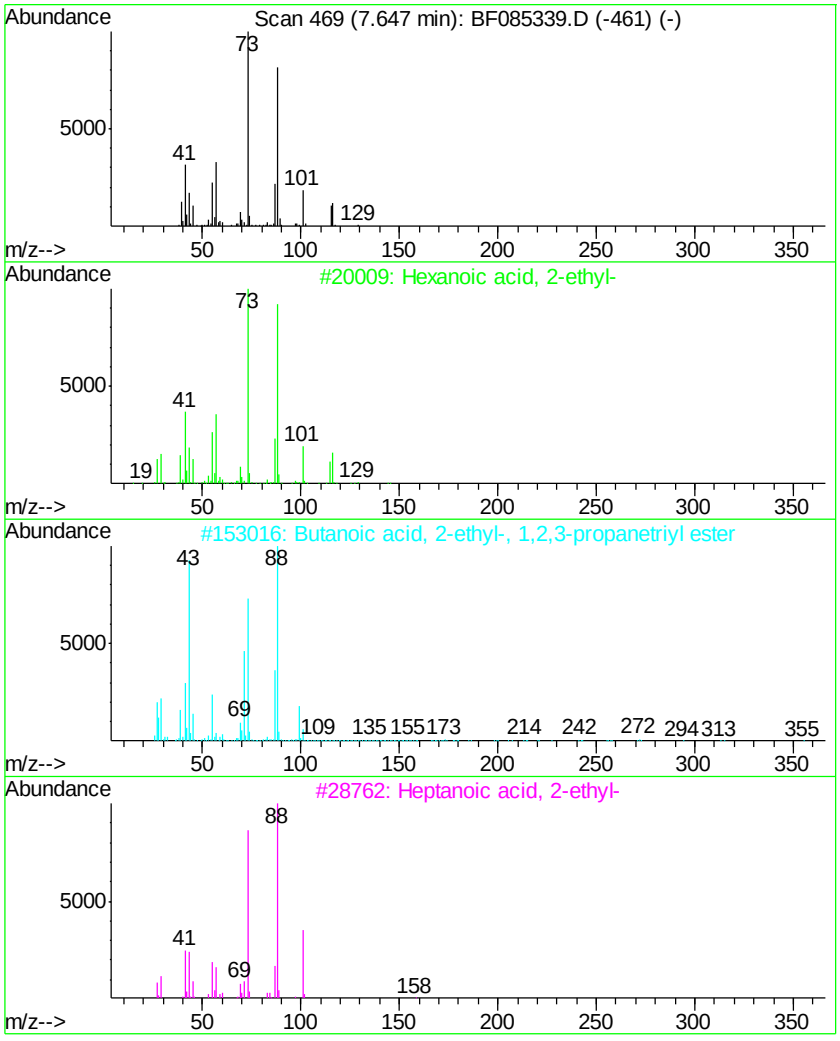
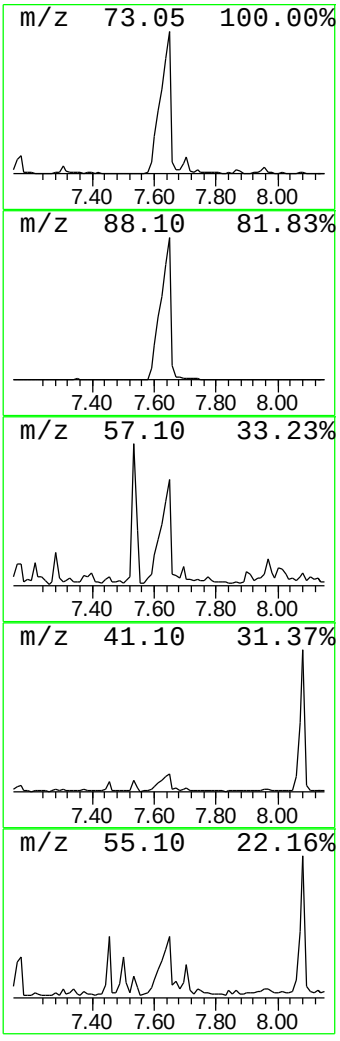
Peak Number 12 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	15.13 ng	1045830	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
4	1,4-Dioxane	88	C4H8O2	000123-91-1	37
5	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	33





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TIC Integration Parameters: LSCINT.P

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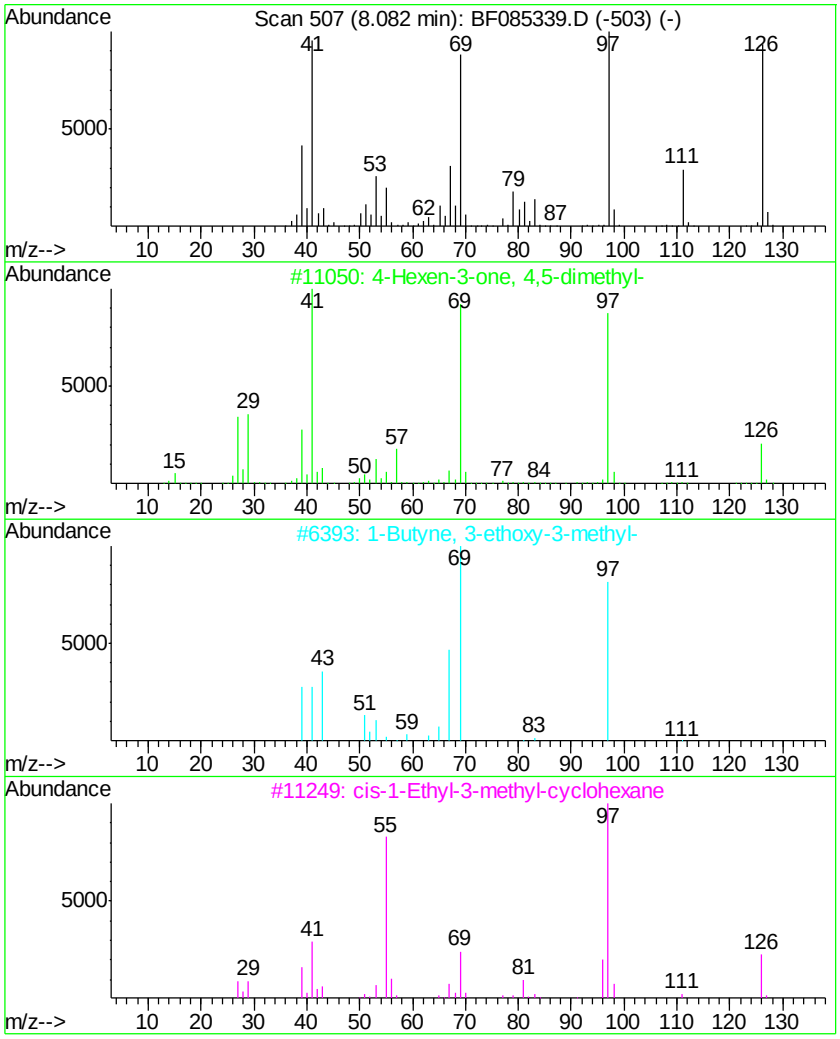
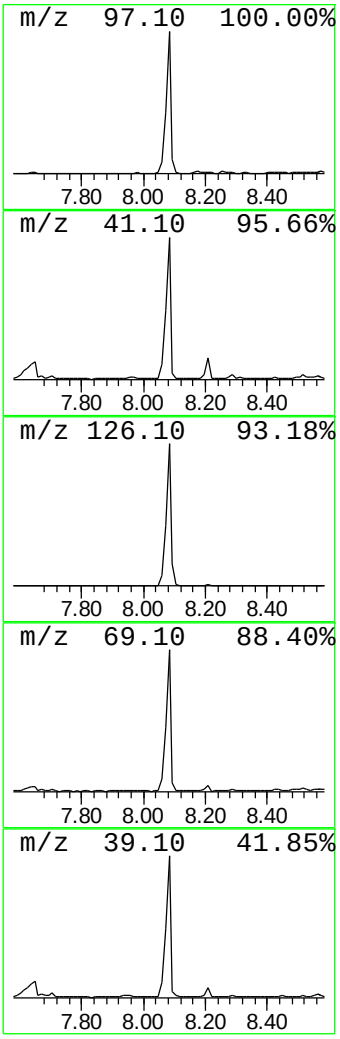
Peak Number 13 unknown8.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	30.25 ng	2090300	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	47
2	1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	38
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	38
4	2-Furancarboxaldehyde, 5-(hydrox...	126	C6H6O3	000067-47-0	32
5	3H-Pyrazol-3-one, 2,4-dihydro-4,...	126	C6H10N2O	003201-20-5	22





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

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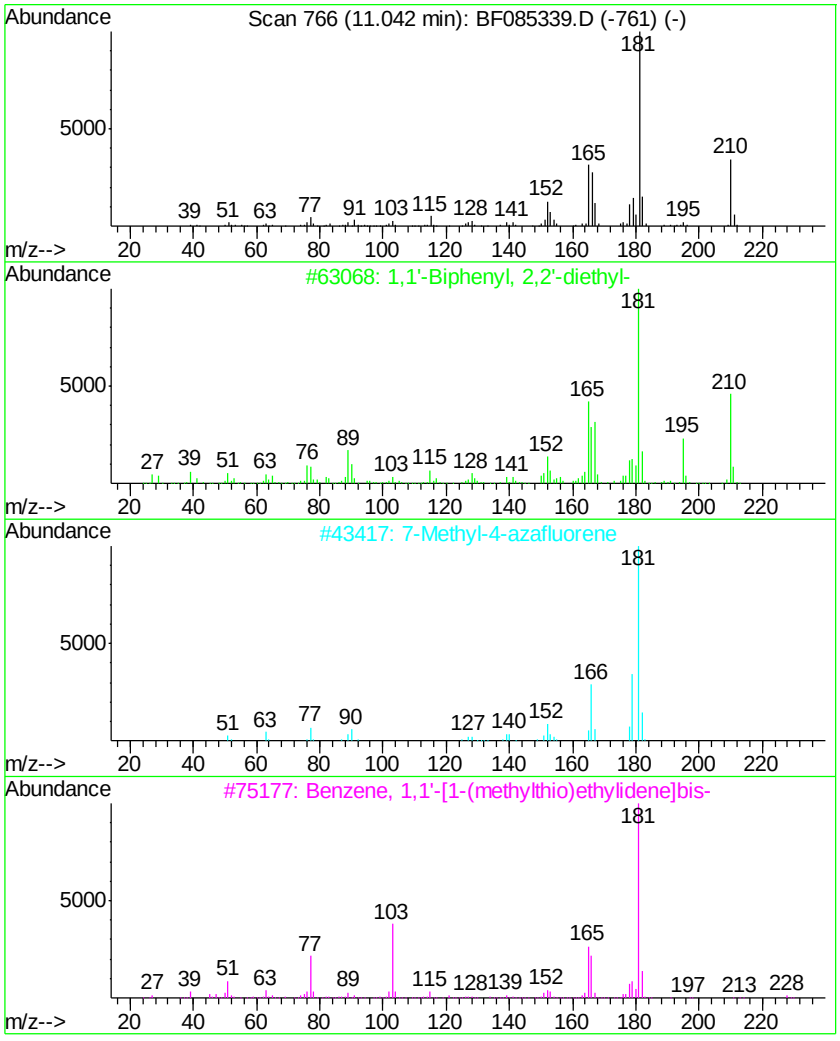
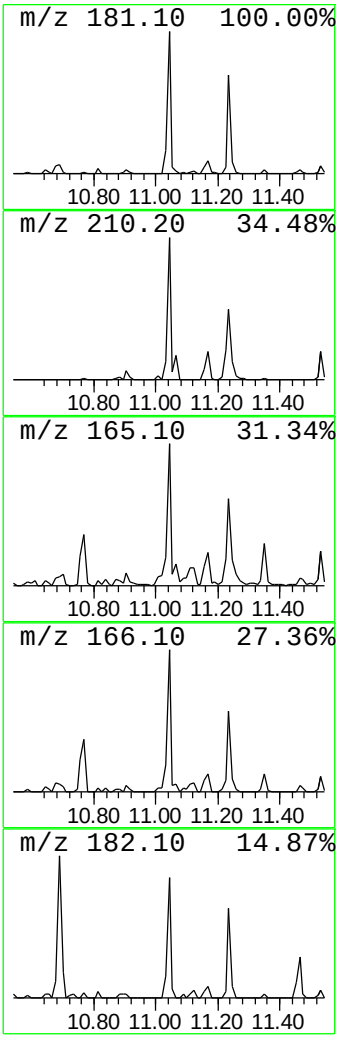
Peak Number 14 1,1'-Biphenyl, 2,2'-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	9.85 ng	464905	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	94
2	7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	68
3	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	64
4	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	64
5	Benzo[b]benzo[3,4]cyclobuta[1,2-...	210	C14H10O2	042896-18-4	58





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

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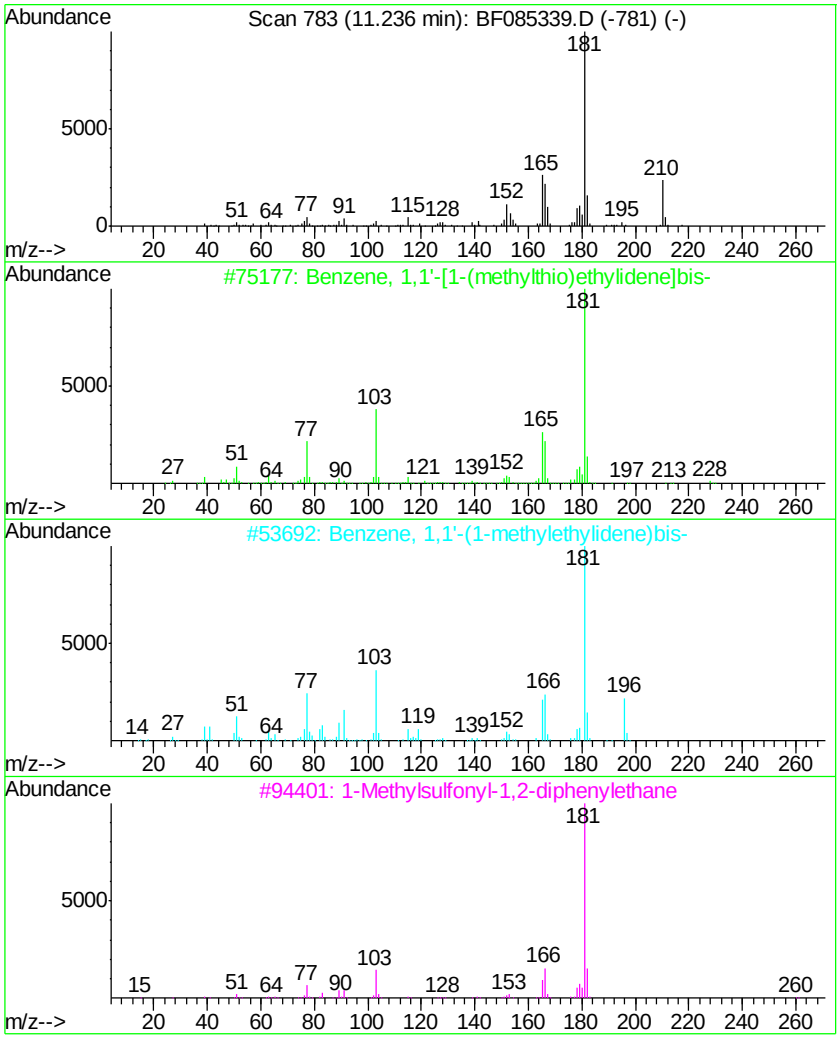
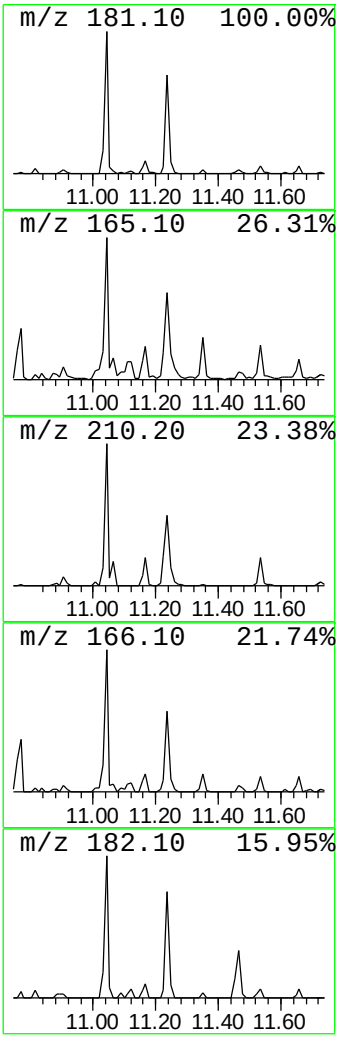
Peak Number 15 Benzene, 1,1'-[1-(methylthi... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	7.31 ng	345270	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	64
2	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	64
3	1-Methylsulfonyl-1,2-diphenylethane	260	C15H16O2S	015733-05-8	59
4	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	58
5	4'-Phenylpropiophenone	210	C15H14O	037940-57-1	55





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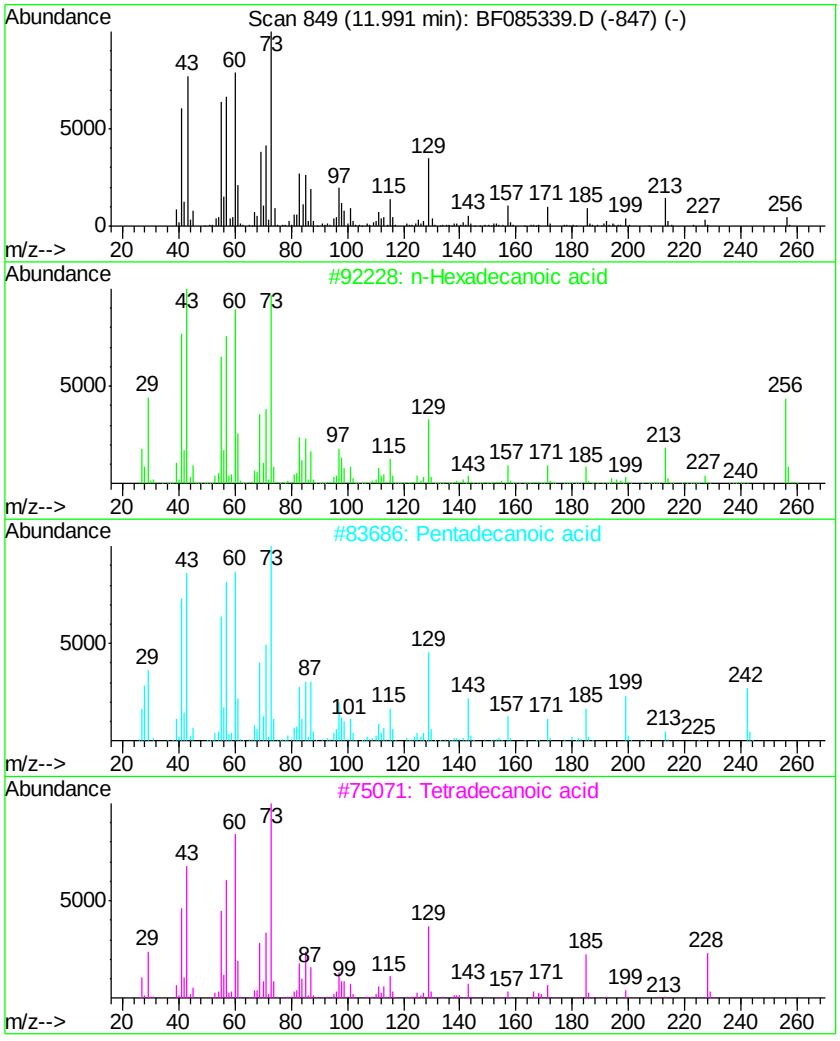
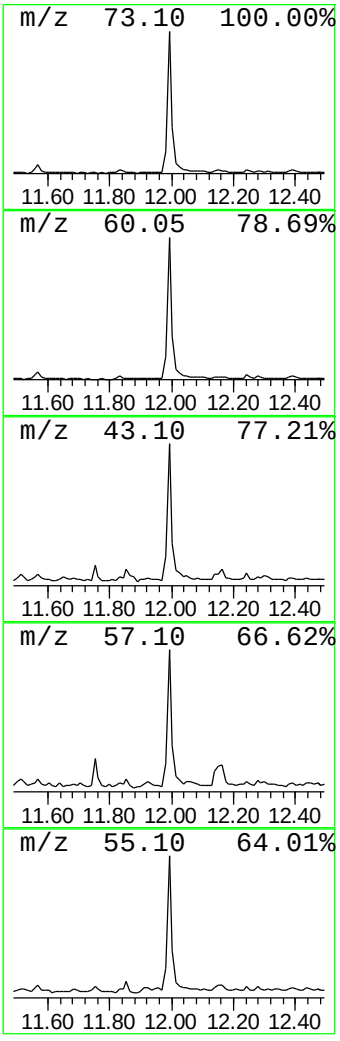
Peak Number 16 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	21.40 ng	1010220	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Hexadecane	226	C16H34	000544-76-3	11





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TIC Library : C:\DATABASE\NIST02.L
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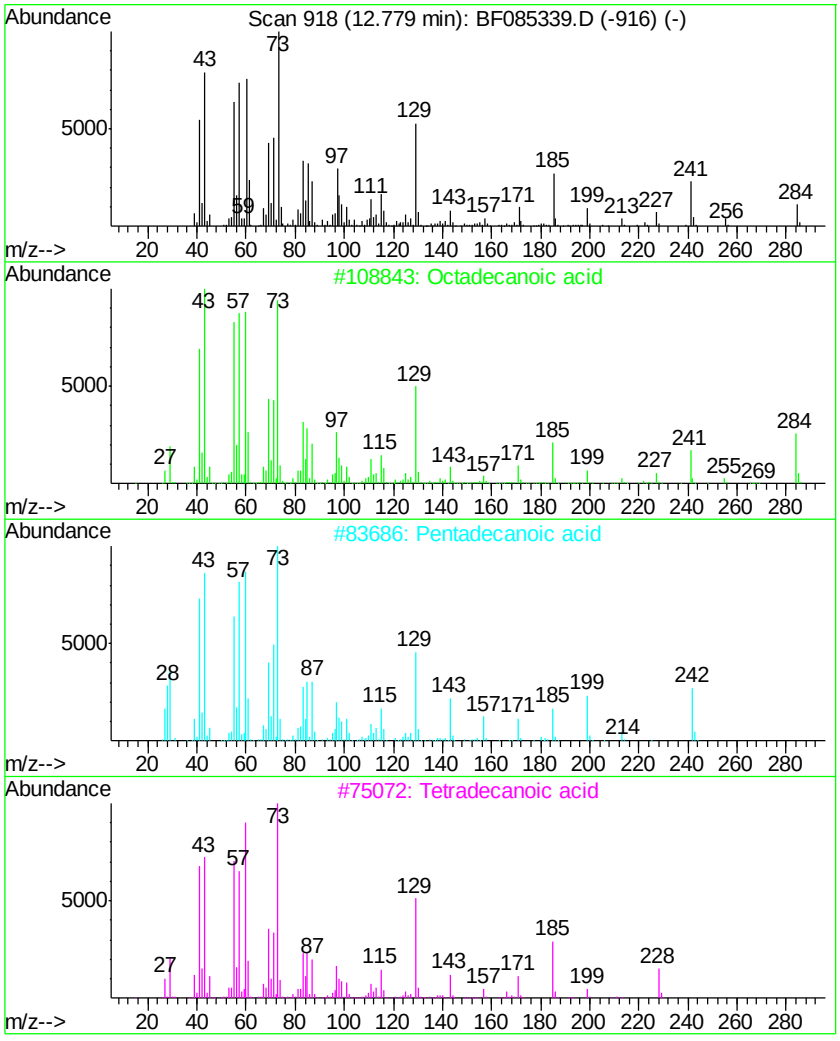
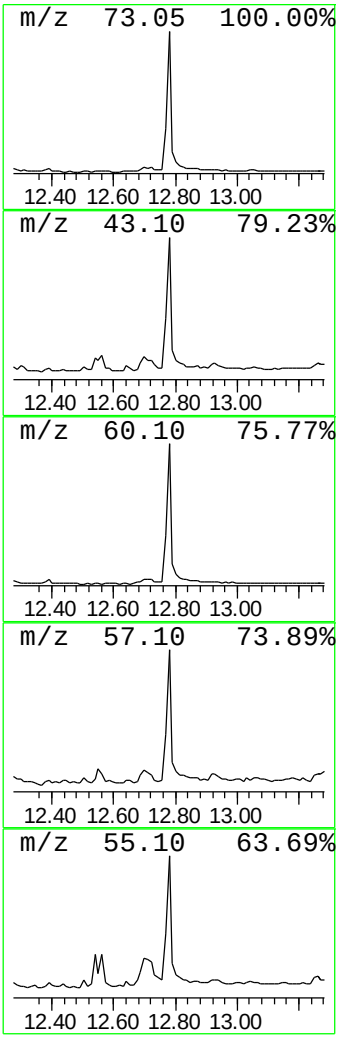
Peak Number 17 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	13.90 ng	656432	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	25





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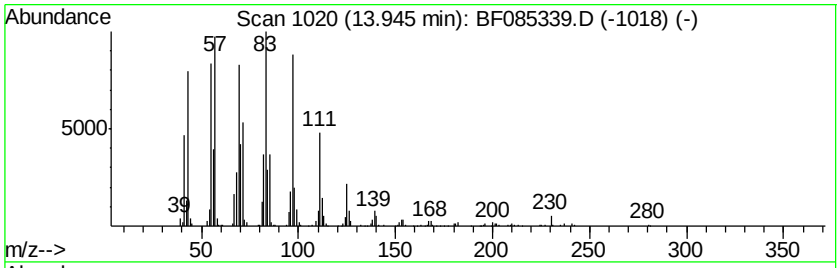
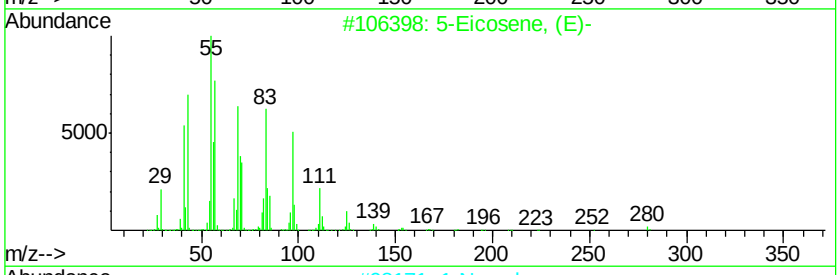
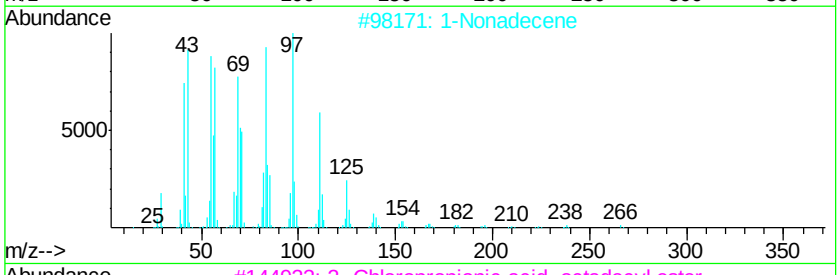
Peak Number 18 5-Eicosene, (E)- Concentration Rank 15

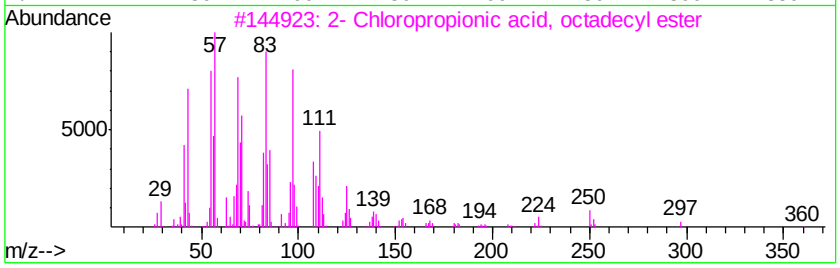
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	13.86 ng	522667	Chrysene-d12	14.11

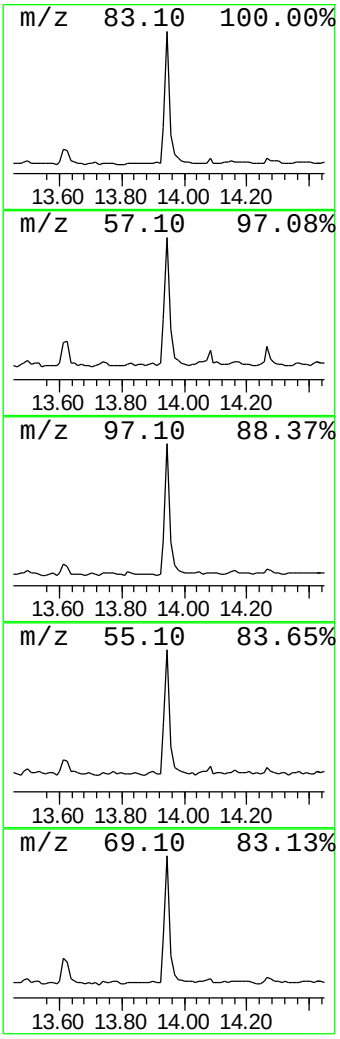
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91











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TIC Integration Parameters: LSCINT.P

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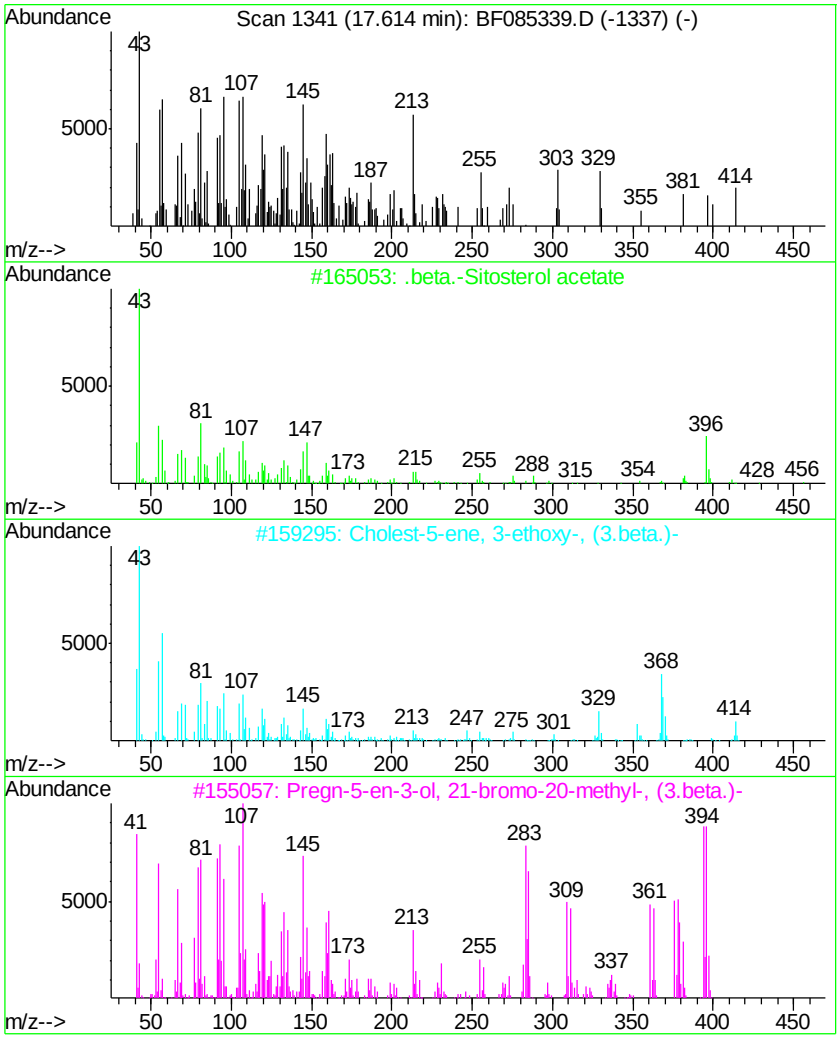
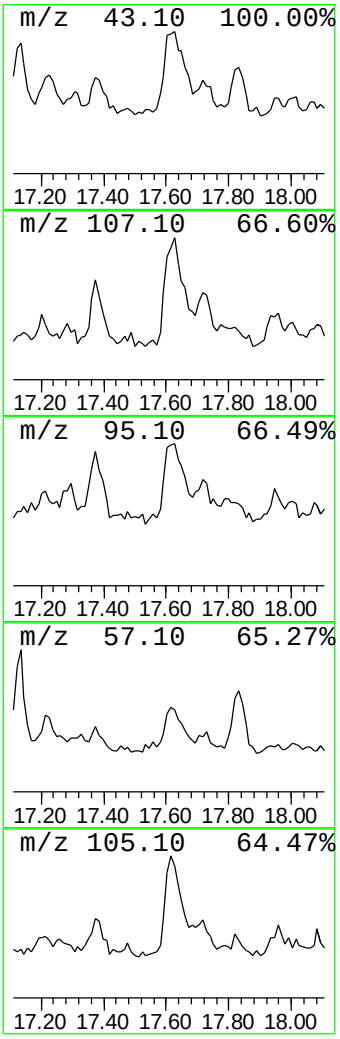
Peak Number 19 unknown17.61 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	11.17 ng	429146	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	22
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	18
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	10
4	Norflurazon	303	C12H9ClF3N3O	027314-13-2	10
5	Ethinyl Estradiol	296	C20H24O2	000057-63-6	10





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

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

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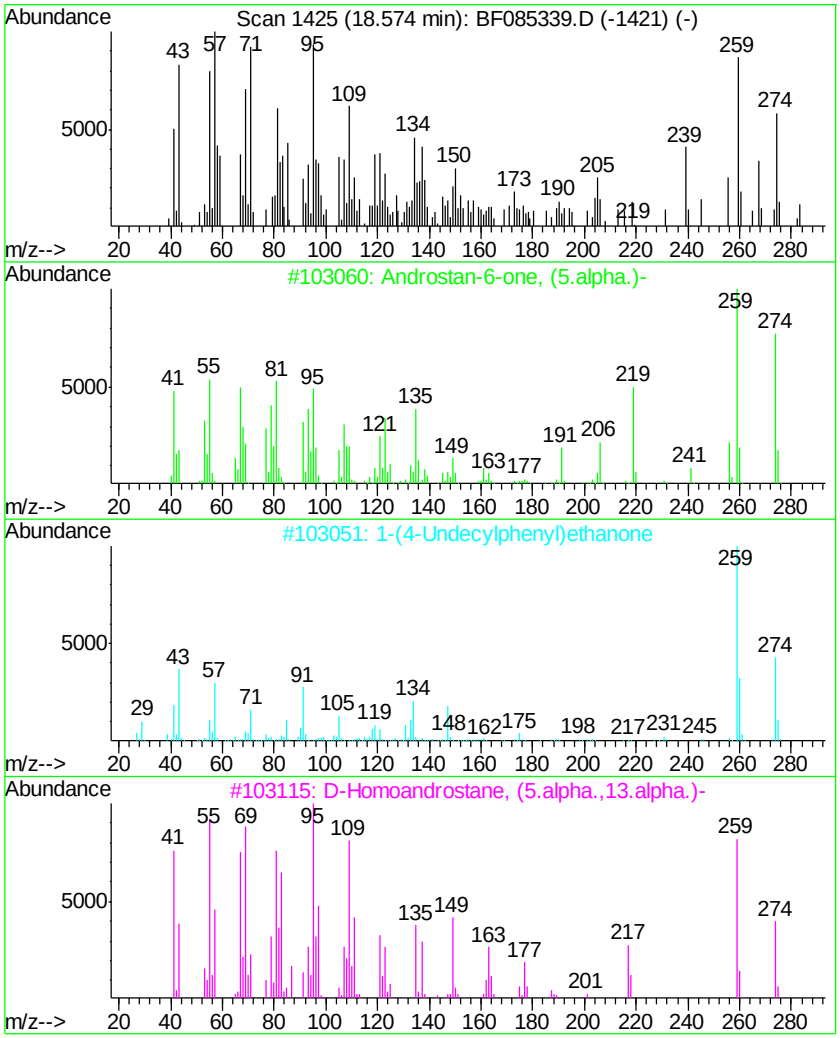
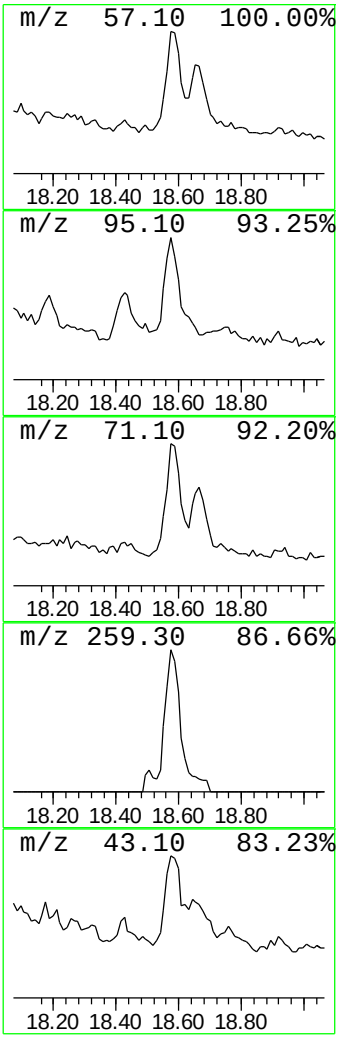
Peak Number 20 unknown18.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	8.68 ng	333367	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	47
2	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	47
3	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	45
4	10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	30
5	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	25





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085339.D
Acq On : 10 Mar 2016 18:04
Operator : UM/SJ
Sample : H1719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-003

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	4.34	31.8	ng	1334300	1	6.94	840001	20.0
Butanoic acid	4.92	89.7	ng	3767340	1	6.94	840001	20.0
unknown5.03	5.03	11.5	ng	482928	1	6.94	840001	20.0
Butanoic acid, 3-...	5.44	37.5	ng	1573700	1	6.94	840001	20.0
Butanoic acid, 2-...	5.68	49.0	ng	2059620	1	6.94	840001	20.0
Pentanoic acid	6.06	120.1	ng	5043980	1	6.94	840001	20.0
Hexanoic acid, 2-...	6.46	32.0	ng	1345470	1	6.94	840001	20.0
Pentanoic acid, 4...	6.52	25.2	ng	1057770	1	6.94	840001	20.0
unknown6.71	6.71	98.6	ng	4139320	1	6.94	840001	20.0
Hexanoic acid, 2-...	7.65	15.1	ng	1045830	2	8.22	1382140	20.0
unknown8.08	8.08	30.3	ng	2090300	2	8.22	1382140	20.0
1,1'-Biphenyl, 2,...	11.04	9.8	ng	464905	4	11.47	944303	20.0
Benzene, 1,1'-[1-...	11.24	7.3	ng	345270	4	11.47	944303	20.0
n-Hexadecanoic acid	11.99	21.4	ng	1010220	4	11.47	944303	20.0
Octadecanoic acid	12.78	13.9	ng	656432	4	11.47	944303	20.0
5-Eicosene, (E)-	13.95	13.9	ng	522667	5	14.11	754297	20.0
unknown17.61	17.61	11.2	ng	429146	6	15.57	768228	20.0
unknown18.57	18.57	8.7	ng	333367	6	15.57	768228	20.0