LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.478	414	432	438	rBV3	21841	98771	3.72%	0.389%
2	5.125	539	542	560	rBV	106588	266670	10.05%	1.049%
3	5.443	590	596	605	rBV4	11890	36034	1.36%	0.142%
4	5.719	639	643	671	rBV	970333	2300284	86.71%	9.051%
5	6.184	713	722	728	rBV2	33796	102675	3.87%	0.404%
6	6.937	844	850	856	rBV3	10571	30481	1.15%	0.120%
7	7.295	907	911	927	rBV	1306389	2237727	84.35%	8.805%
8	7.419	927	932	945	rVB	1557828	2421902	91.30%	9.530%
9	7.754	985	989	1000	rBV	480038	598769	22.57%	2.356%
10	7.989	1024	1029	1047	rBV	1505382	1861306	70.16%	7.324%
11	8.654	1138	1142	1158	rBV	868035	1378664	51.97%	5.425%
12	8.766	1159	1161	1169	rVB2	30763	50187	1.89%	0.197%
13	9.625	1304	1307	1318	rBV2	86042	204253	7.70%	0.804%
14	9.772	1328	1332	1342	rBV	460537	720304	27.15%	2.834%
15	9.848	1342	1345	1358	rVB	50969	82685	3.12%	0.325%
16	9.978	1363	1367	1372	rVB3	17373	27318	1.03%	0.107%
17	10.560	1462	1466	1469	rBV	34467	41994	1.58%	0.165%
18	10.830	1509	1512	1518	rVB	56314	61799	2.33%	0.243%
19	11.301	1588	1592	1595	rBV2	29173	32965	1.24%	0.130%
20	11.430	1611	1614	1620	rVB2	30577	39619	1.49%	0.156%
21	11.495	1620	1625	1628	rBV2	41372	53581	2.02%	0.211%
22	11.542	1628	1633	1650	rVV	1923367	2652785	100.00%	10.439%
23	11.760	1666	1670	1678	rVB	101889	139583	5.26%	0.549%
24	11.842	1679	1684	1688	rVV6	17374	35224	1.33%	0.139%
25	11.883	1688	1691	1699	rVB7	13845	28299	1.07%	0.111%
26	12.177	1737	1741	1744	rBV4	17480	31973	1.21%	0.126%
27	12.248	1748	1753	1757	rVV	175467	291507	10.99%	1.147%
28	12.283	1757	1759	1762	rVV	87076	92823	3.50%	0.365%
29	12.313	1762	1764	1770	rVB2	37272	50454	1.90%	0.199%
30	12.377	1770	1775	1779	rBV2	27104	36929	1.39%	0.145%
31	12.460	1785	1789	1794	rVB3	19696	27979	1.05%	0.110%
32	12.607	1809	1814	1827	rBV3	619307	1042812	39.31%	4.103%
33	13.142	1902	1905	1911	rVB2	27025	35392	1.33%	0.139%
34	13.436	1951	1955	1959	rVB	87866	96188	3.63%	0.378%

LSC Area Percent Report

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Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.795	2011	2016	2020	rBV3	32284	55718	2.10%	0.219%
36	13.901	2029	2034	2052	rBV	820109	1395207	52.59%	5.490%
37	14.207	2083	2086	2089	rBV	64500	70838	2.67%	0.279%
38	14.389	2113	2117	2121	rVV	138096	159216	6.00%	0.627%
39	14.424	2121	2123	2127	rVV3	30517	30733	1.16%	0.121%
40	14.465	2127	2130	2134	rVB	27474	29116	1.10%	0.115%
41	14.513	2134	2138	2143	rBV5	45597	64410	2.43%	0.253%
42	14.601	2148	2153	2156	rVB	78872	94644	3.57%	0.372%
43	14.701	2163	2170	2174	rBV2	74586	131364	4.95%	0.517%
44	14.742	2174	2177	2185	rVB3	37842	49968	1.88%	0.197%
45	14.895	2199	2203	2207	rBV	60437	68630	2.59%	0.270%
46	14.942	2207	2211	2215	rBV	40462	43963	1.66%	0.173%
47	15.012	2215	2223	2231	rBV	495378	771187	29.07%	3.035%
48	15.071	2231	2233	2238	rVB	28957	42032	1.58%	0.165%
49	15.189	2250	2253	2256	rBV	51763	57724	2.18%	0.227%
50	15.230	2256	2260	2265	rVB4	27586	44155	1.66%	0.174%
51	15.712	2338	2342	2346	rBV	30449	37182	1.40%	0.146%
52	15.965	2382	2385	2396	rBV3	122810	198212	7.47%	0.780%
53	16.707	2507	2511	2514	rVV	92761	100323	3.78%	0.395%
54	16.742	2514	2517	2521	rVB	66618	68747	2.59%	0.271%
55	16.942	2544	2551	2553	rBV6	16195	28809	1.09%	0.113%
56	17.054	2566	2570	2579	rBV2	59452	103972	3.92%	0.409%
57	17.165	2586	2589	2593	rBV	145477	143356	5.40%	0.564%
58	17.324	2611	2616	2628	rVB	1329503	1553221	58.55%	6.112%
59	17.706	2676	2681	2684	rBV2	28251	31024	1.17%	0.122%
60	18.089	2743	2746	2750	rBV2	107298	108040	4.07%	0.425%
61	18.153	2753	2757	2760	rVB	29590	29538	1.11%	0.116%
62	18.571	2822	2828	2838	rBV	80274	182889	6.89%	0.720%
63	18.683	2843	2847	2853	rBV	338816	479920	18.09%	1.888%
64	18.971	2893	2896	2904	rVB	37063	41142	1.55%	0.162%
65	19.359	2958	2962	2966	rBV	35655	37615	1.42%	0.148%
66	19.724	3021	3024	3027	rBV2	31409	28808	1.09%	0.113%
67	19.795	3033	3036	3042	rVB	34452	41468	1.56%	0.163%
68	20.083	3081	3085	3090	rBV	57876	71064	2.68%	0.280%
69	20.359	3128	3132	3140	rBV	331653	519715	19.59%	2.045%
70	20.430	3141	3144	3149	rVB2	41363	55414	2.09%	0.218%
71	20.806	3204	3208	3214	rVB2	64337	88006	3.32%	0.346%

LSC Area Percent Report

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Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.994	3237	3240	3244	rVB4	26543	38531	1.45%	0.152%
73	21.142	3262	3265	3271	rVB7	22116	31131	1.17%	0.122%
74	21.206	3271	3276	3280	rBV3	29320	53930	2.03%	0.212%
75	21.689	3354	3358	3362	rVB7	31532	46515	1.75%	0.183%
76	21.741	3362	3367	3371	rBV3	28978	56273	2.12%	0.221%
77	22.147	3428	3436	3447	rBV3	83630	286971	10.82%	1.129%
78	22.936	3565	3570	3576	rBV5	26372	64513	2.43%	0.254%
79	22.994	3578	3580	3588	rVB8	37844	69808	2.63%	0.275%
80	23.835	3714	3723	3736	rVB7	168441	498419	18.79%	1.961%

Sum of corrected areas: 25413397

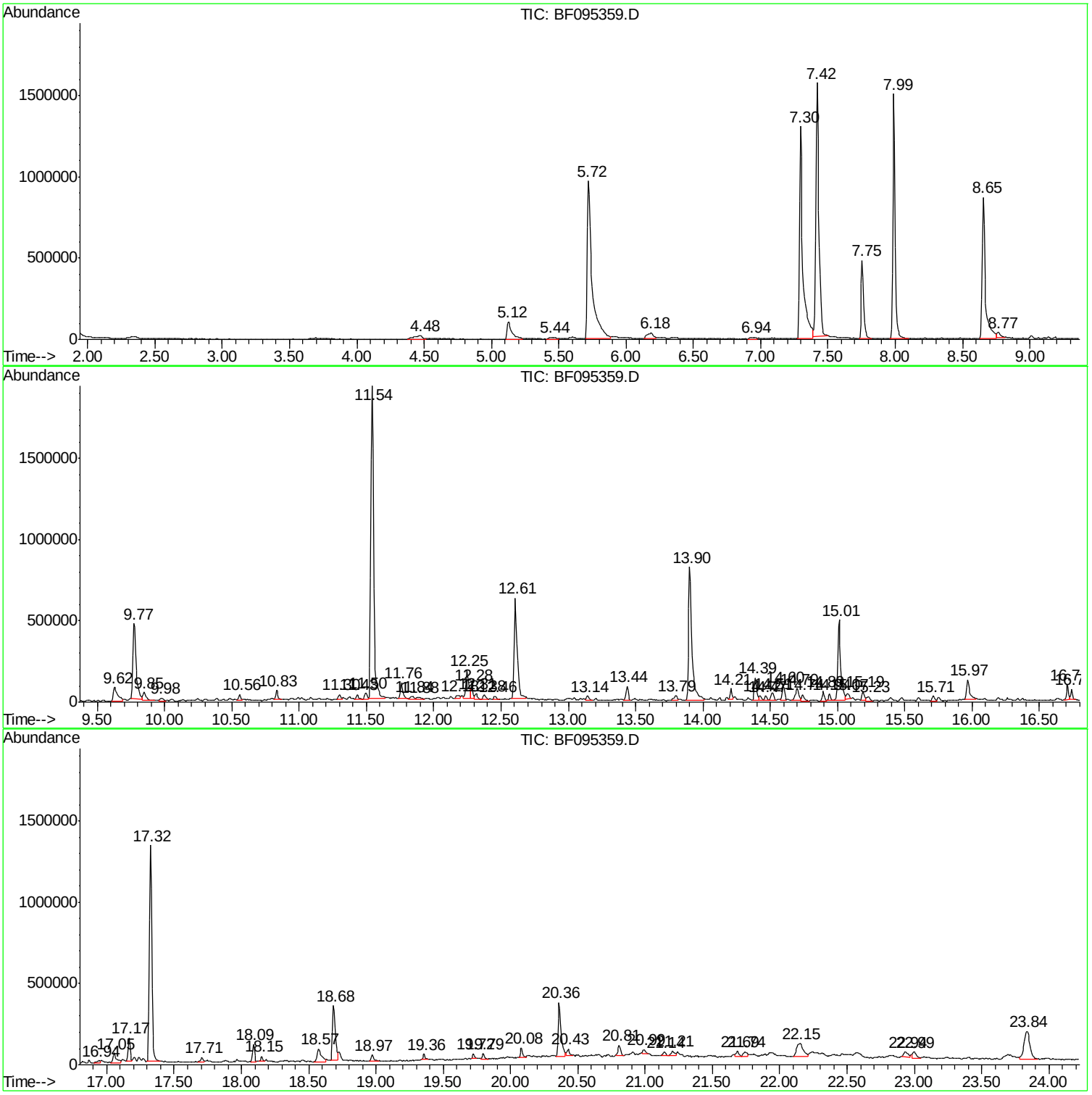
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF052317\
Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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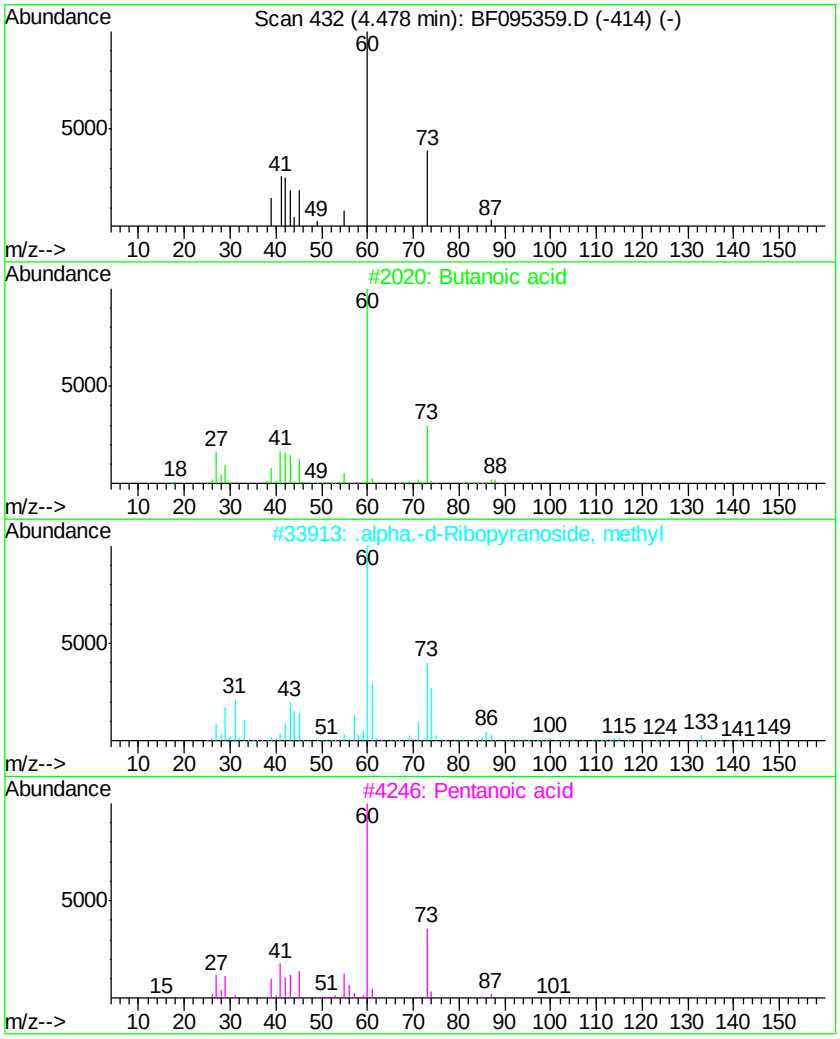
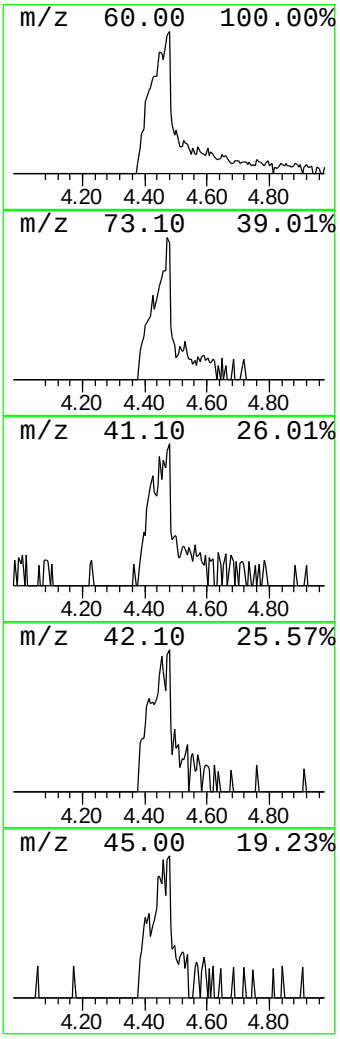
Peak Number 1 Butanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	3.30 ng	98771	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	56
2	.alpha.-d-Ribopyranoside, methyl	164	C6H12O5	006207-03-0	9
3	Pentanoic acid	102	C5H10O2	000109-52-4	9
4	.beta.-l-Arabinopyranoside, methyl	164	C6H12O5	001825-00-9	9
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	9





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Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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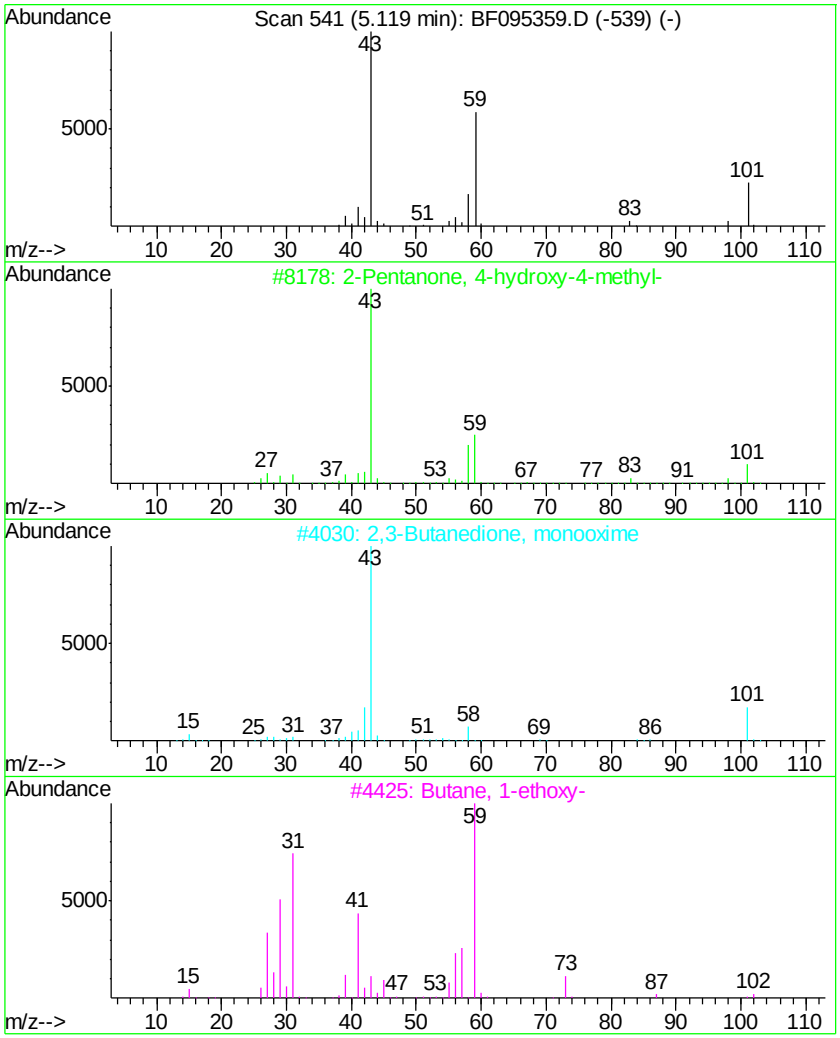
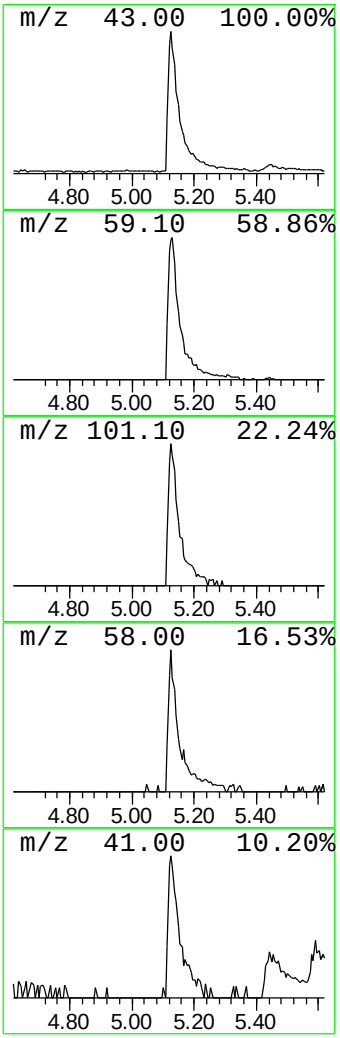
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	8.91 ng	266670	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
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Operator : SJ/MA
Sample : I3251-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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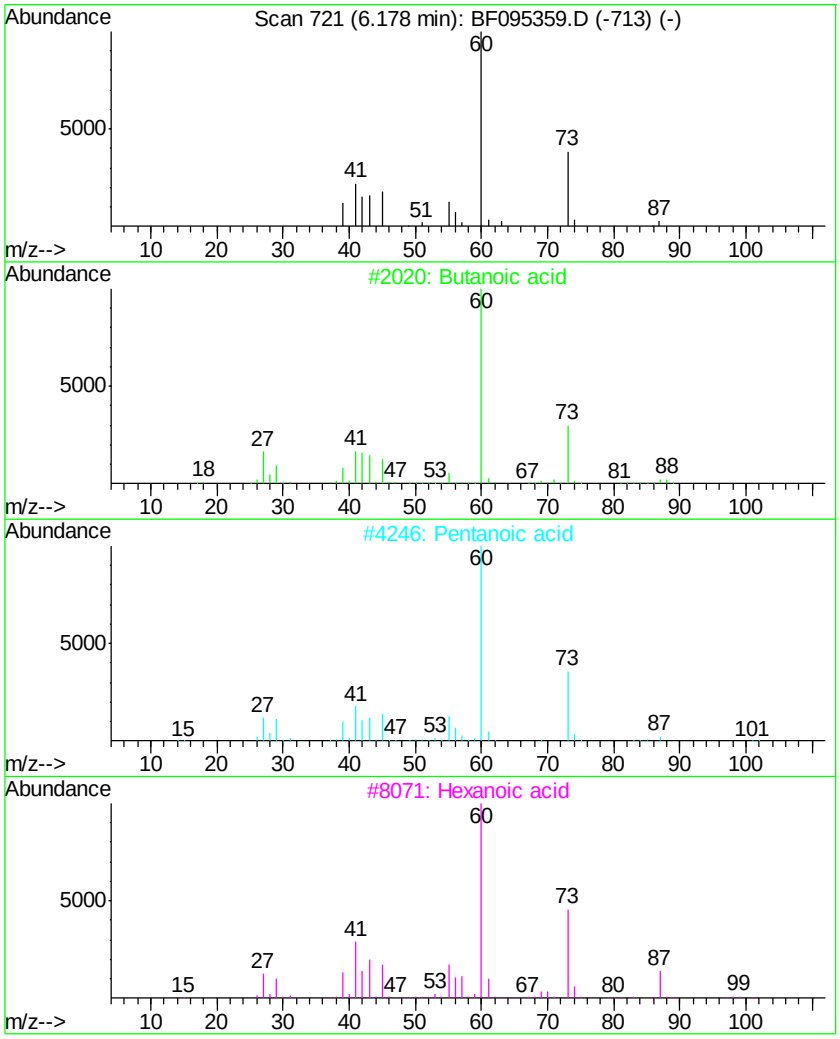
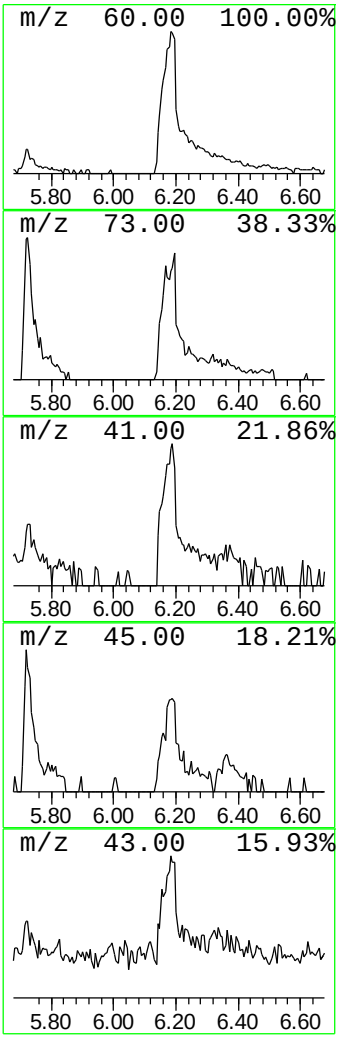
Peak Number 3 Pentanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	3.43 ng	102675	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	43
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	33
5	Butanoic acid, 4-chloro-	122	C4H7ClO2	000627-00-9	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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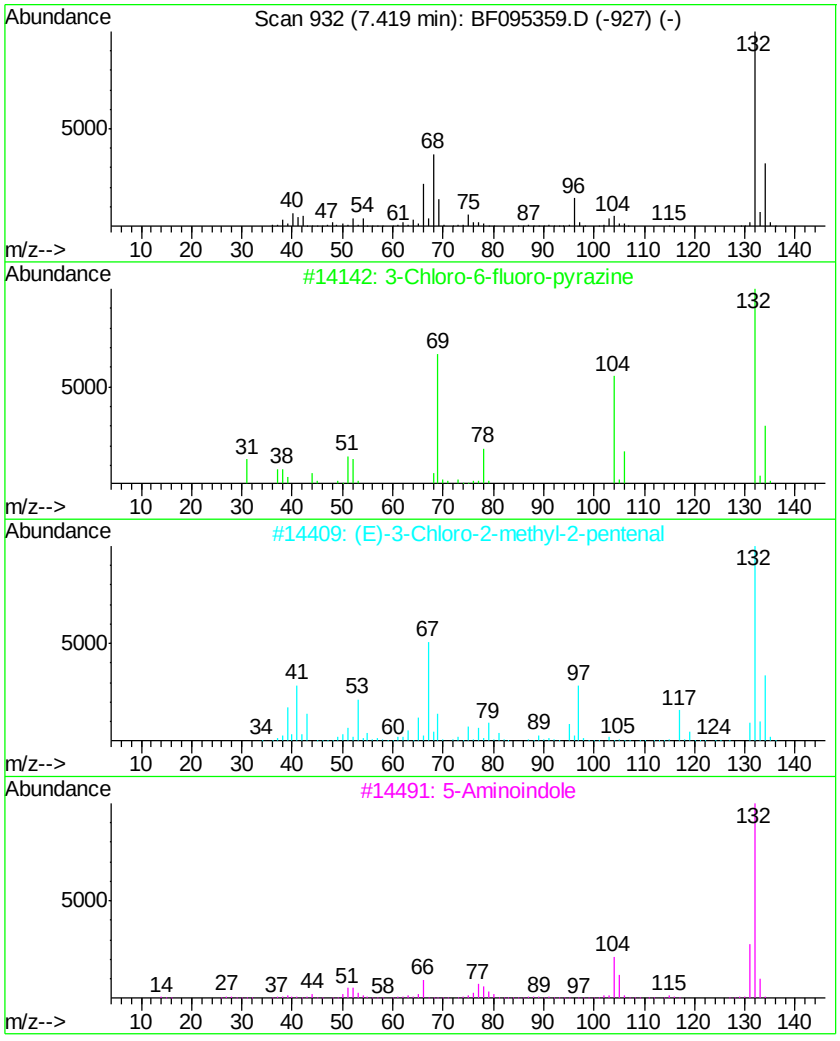
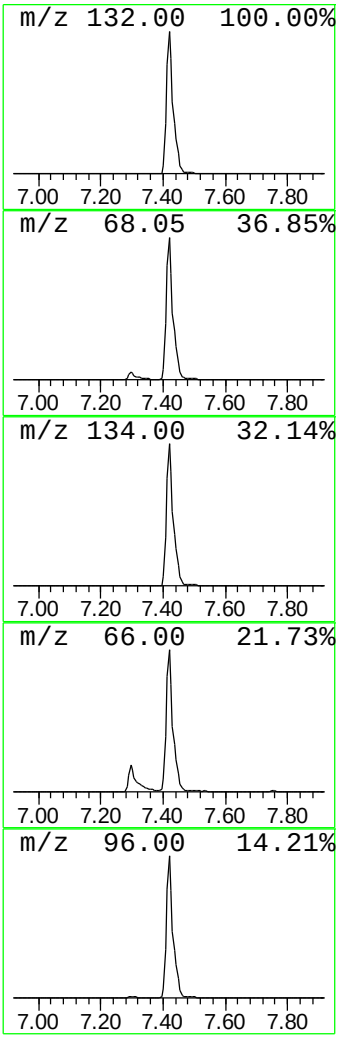
Peak Number 4 unknown7.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	80.90 ng	2421900	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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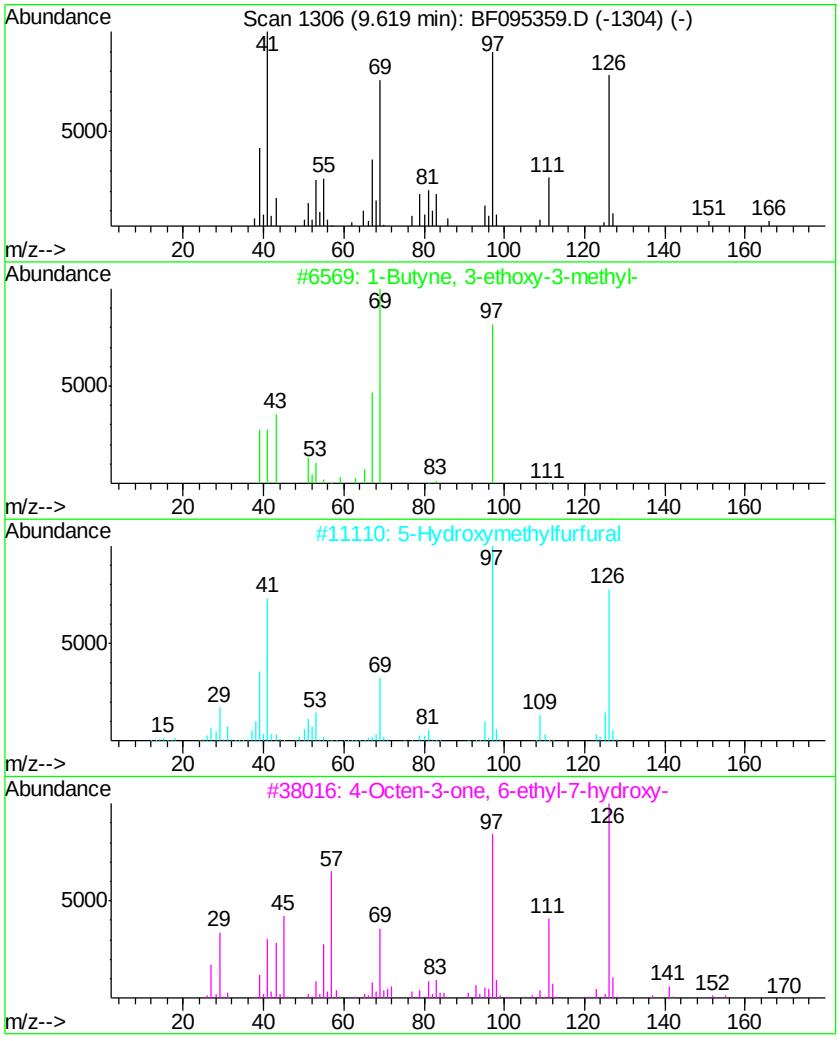
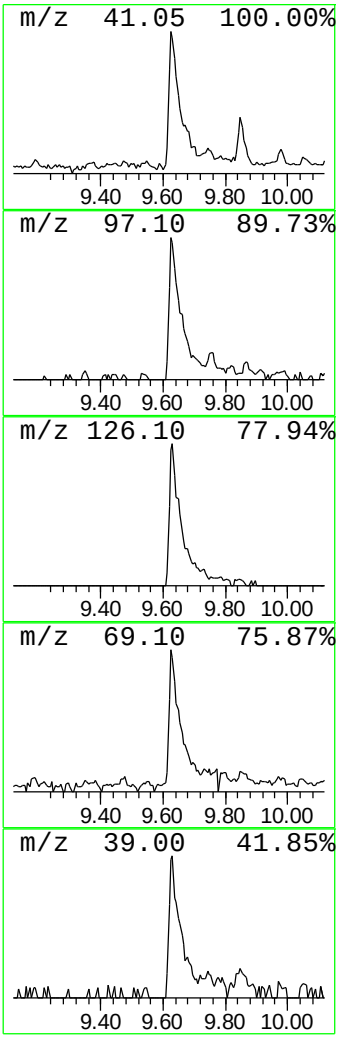
Peak Number 6 unknown9.62 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.67 ng	204253	Naphthalene-d8	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	47
2	5-Hydroxymethylfurfural	126	C6H6O3	000067-47-0	43
3	4-Octen-3-one, 6-ethyl-7-hydroxy-	170	C10H18O2	078464-96-7	38
4	2-Butyn-1-al diethyl acetal	142	C8H14O2	002806-97-5	35
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	27





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Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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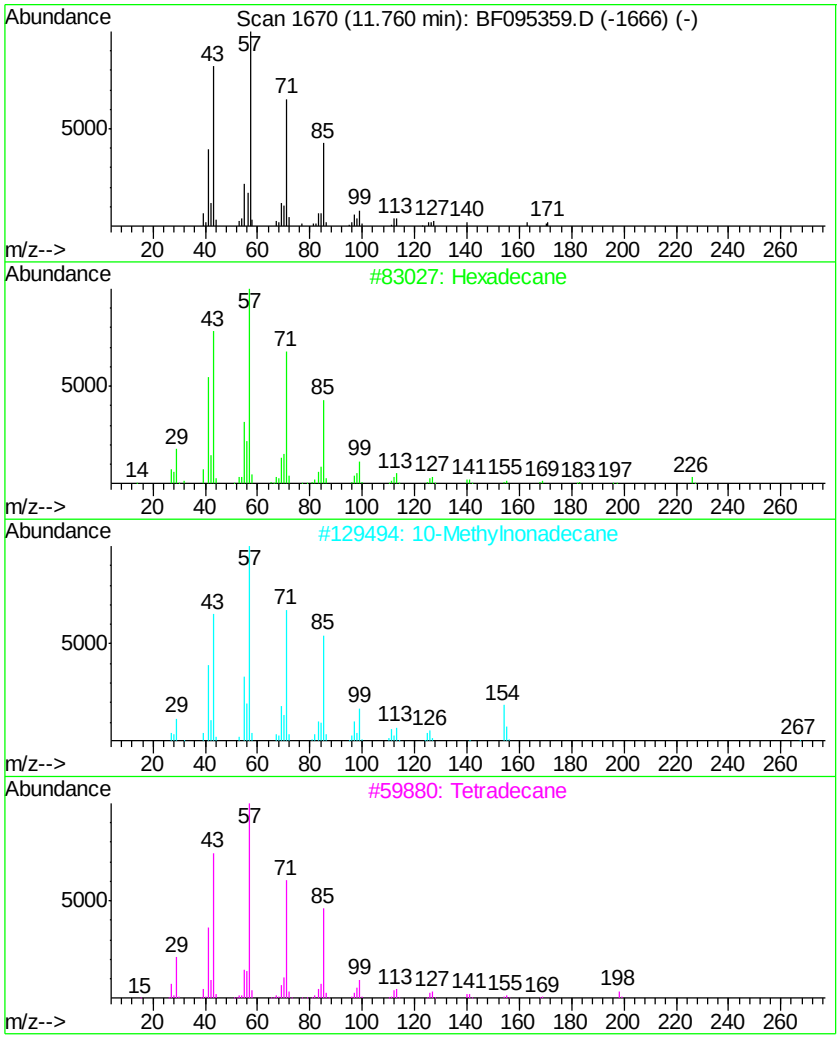
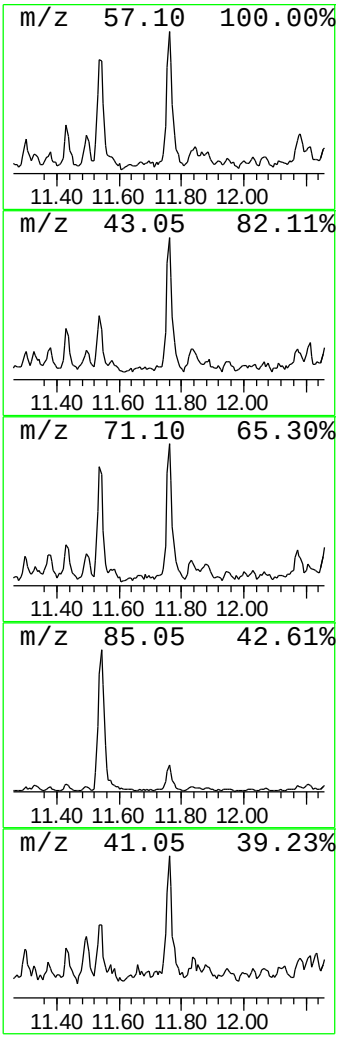
Peak Number 7 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.68 ng	139583	Acenaphthene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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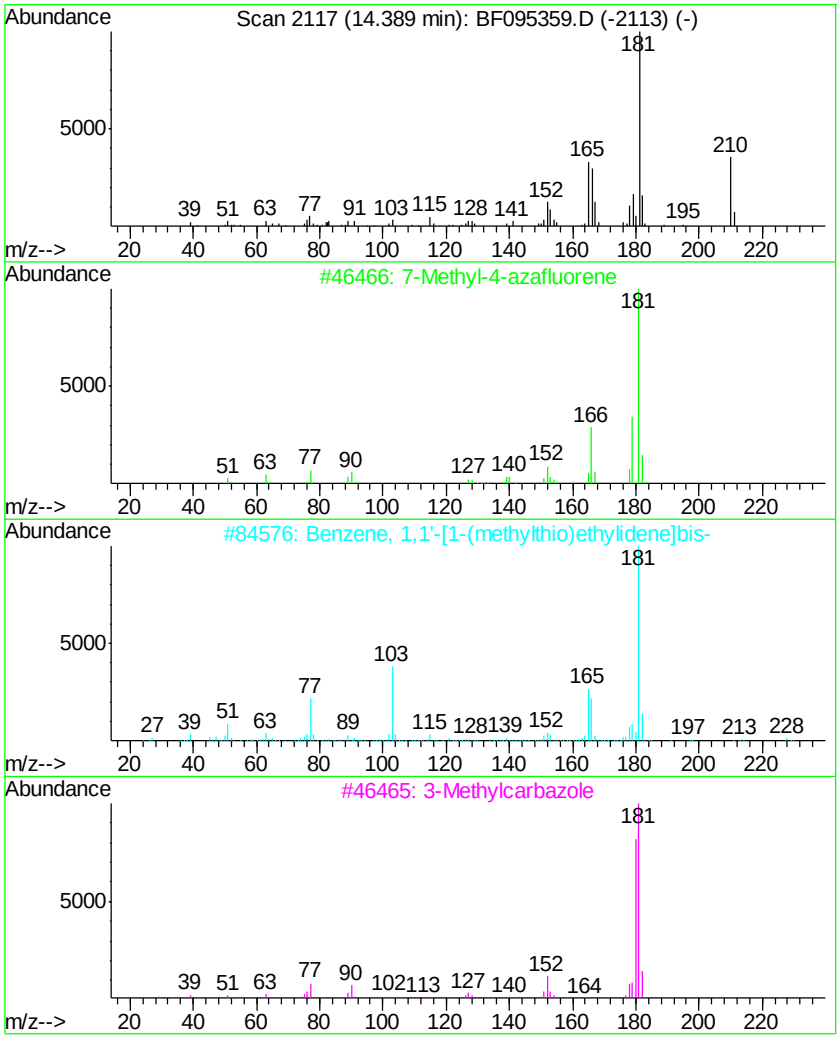
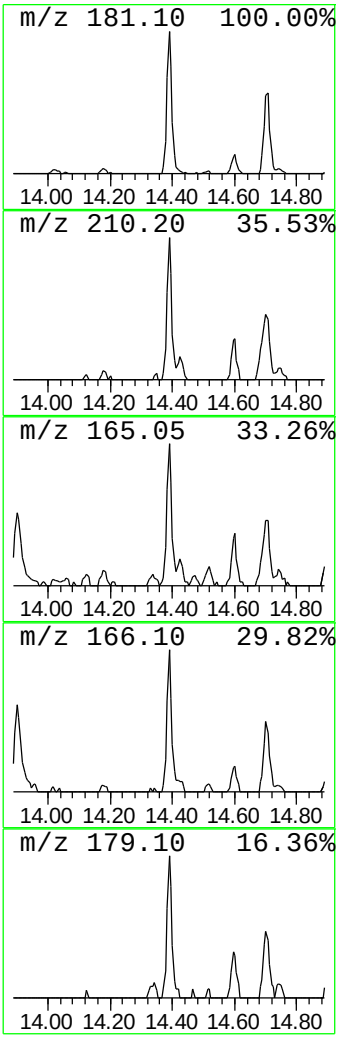
Peak Number 8 7-Methyl-4-azafluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.13 ng	159216	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	70
2	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	64
3	3-Methylcarbazole	181	C13H11N	004630-20-0	55
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	55
5	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	53





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Operator : SJ/MA
Sample : I3251-01
Misc :
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Instrument : BNA_F
ClientSampleId : PTS-02

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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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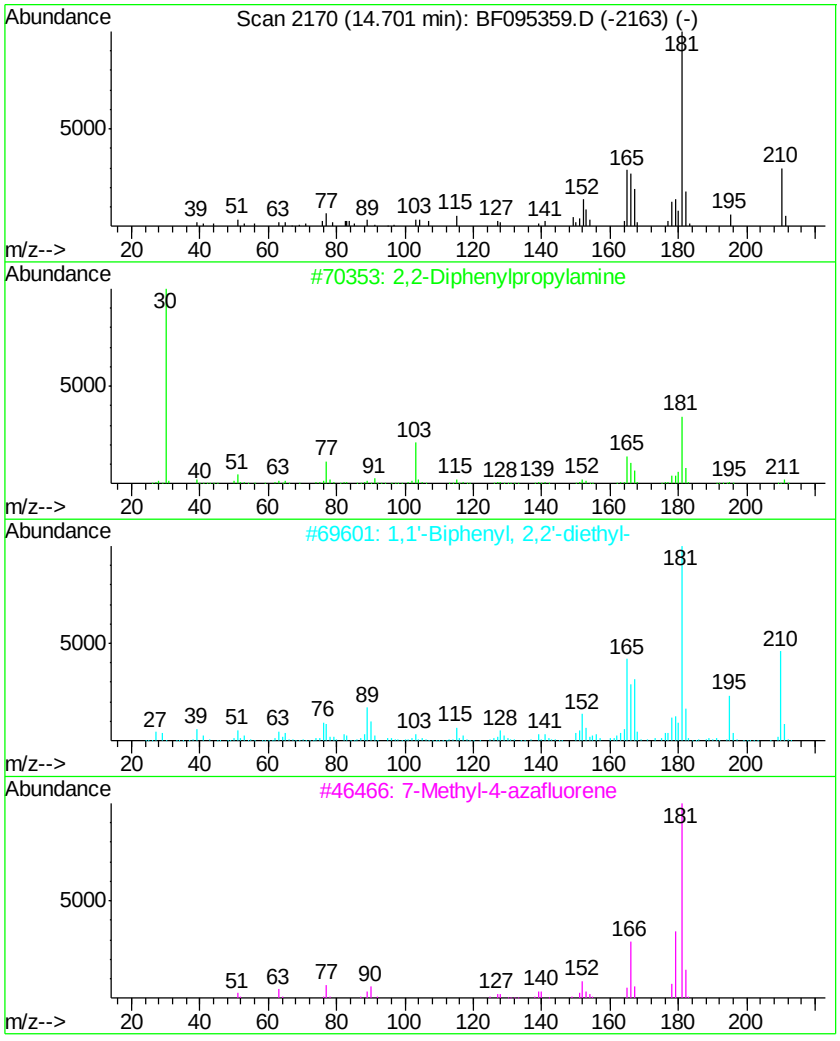
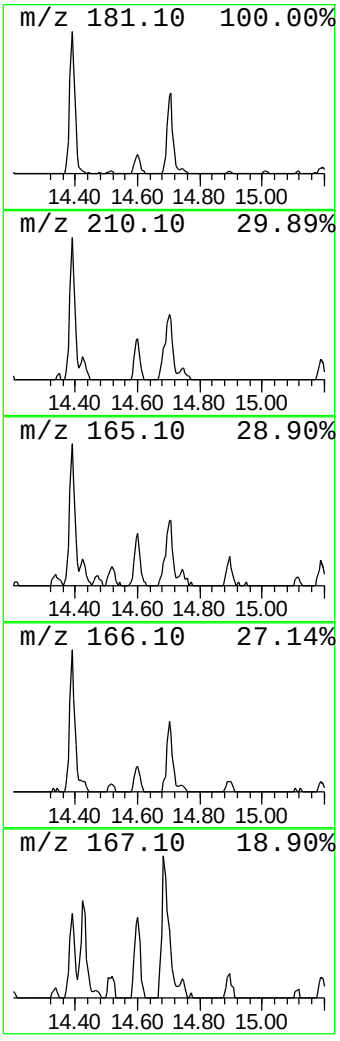
Peak Number 9 2,2-Diphenylpropylamine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.41 ng	131364	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenylpropylamine	211	C15H17N	034611-07-9	87
2	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	76
3	7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	70
4	2-Phenyl-3-(3-methylphenyl)-oxirane	210	C15H14O	1000147-20-0	70
5	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	64





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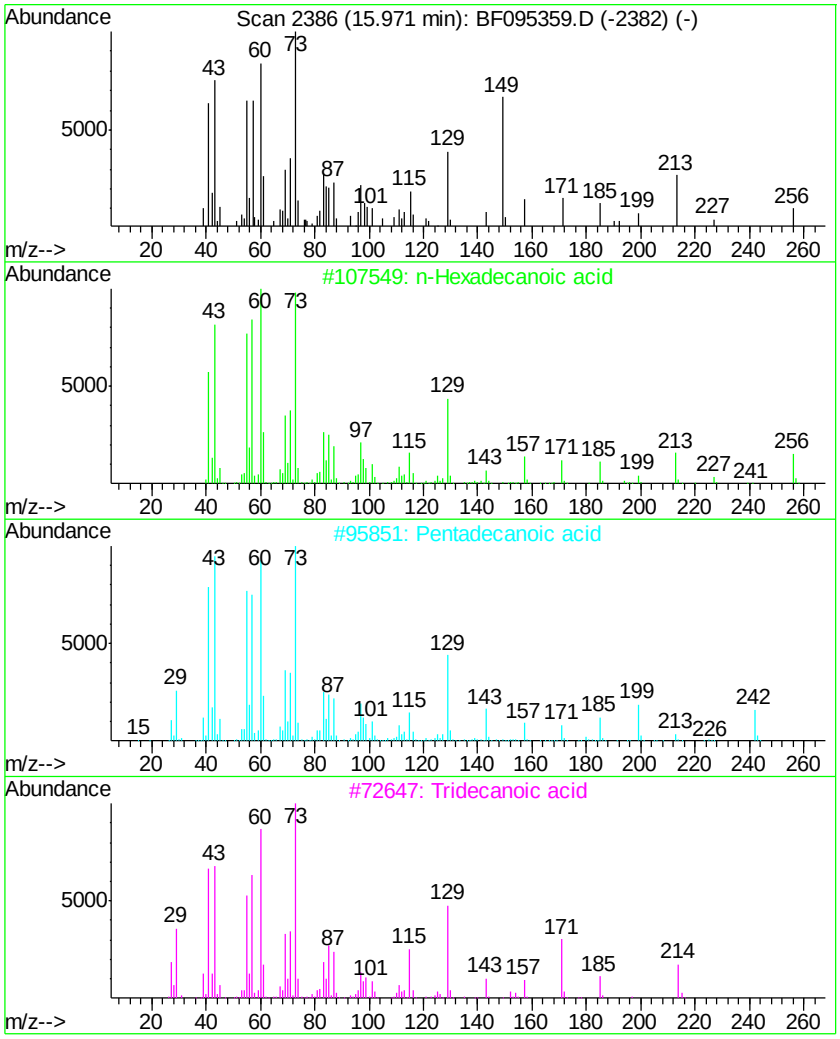
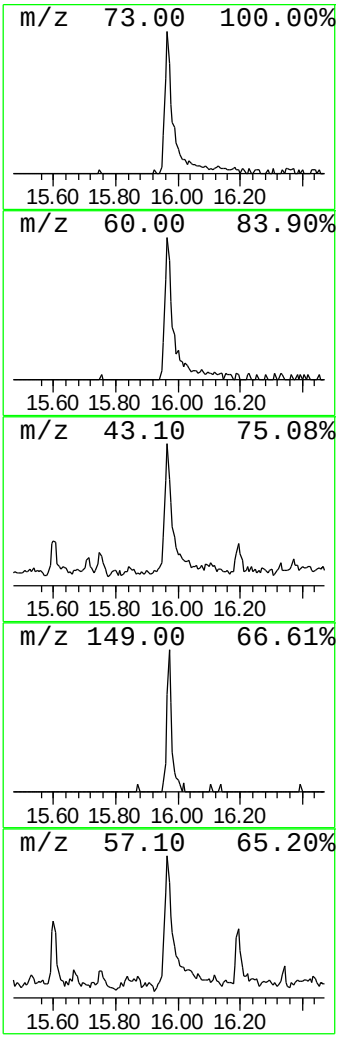
Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	5.14 ng	198212	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	11





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ClientSampleId : PTS-02

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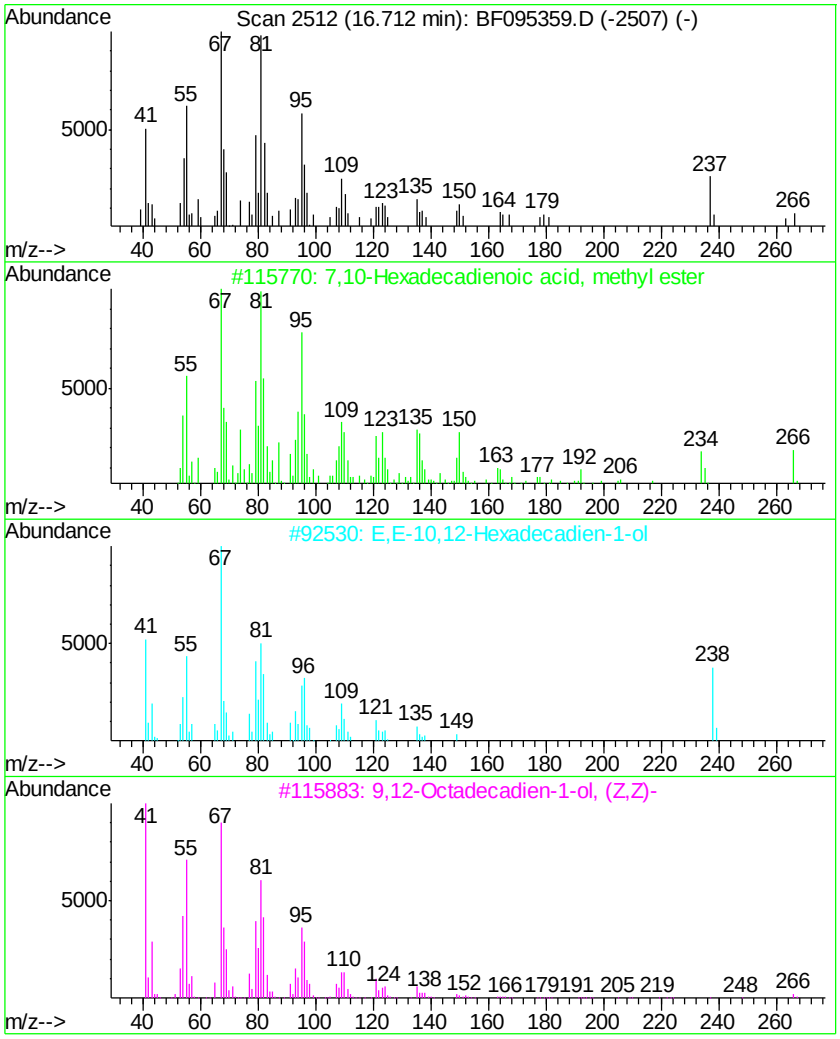
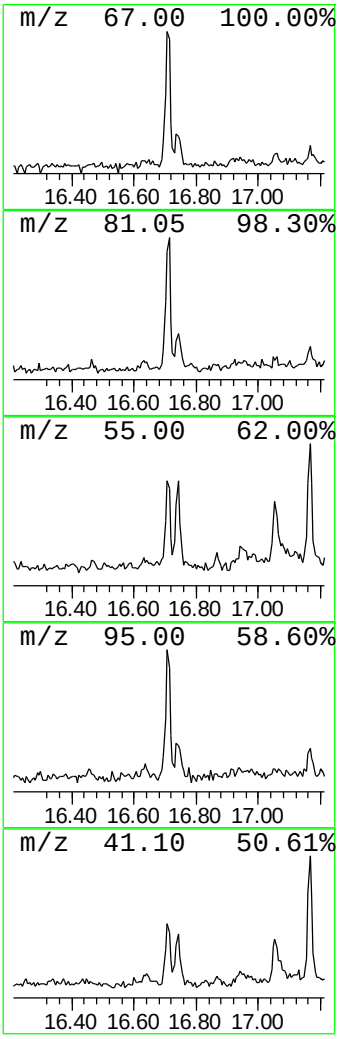
Peak Number 11 7,10-Hexadecadienoic acid, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.60 ng	100323	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	93
2	E,E-10,12-Hexadecadien-1-ol	238	C16H30O	1000130-89-1	92
3	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	91
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	87
5	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	86





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ALS Vial : 22 Sample Multiplier: 1

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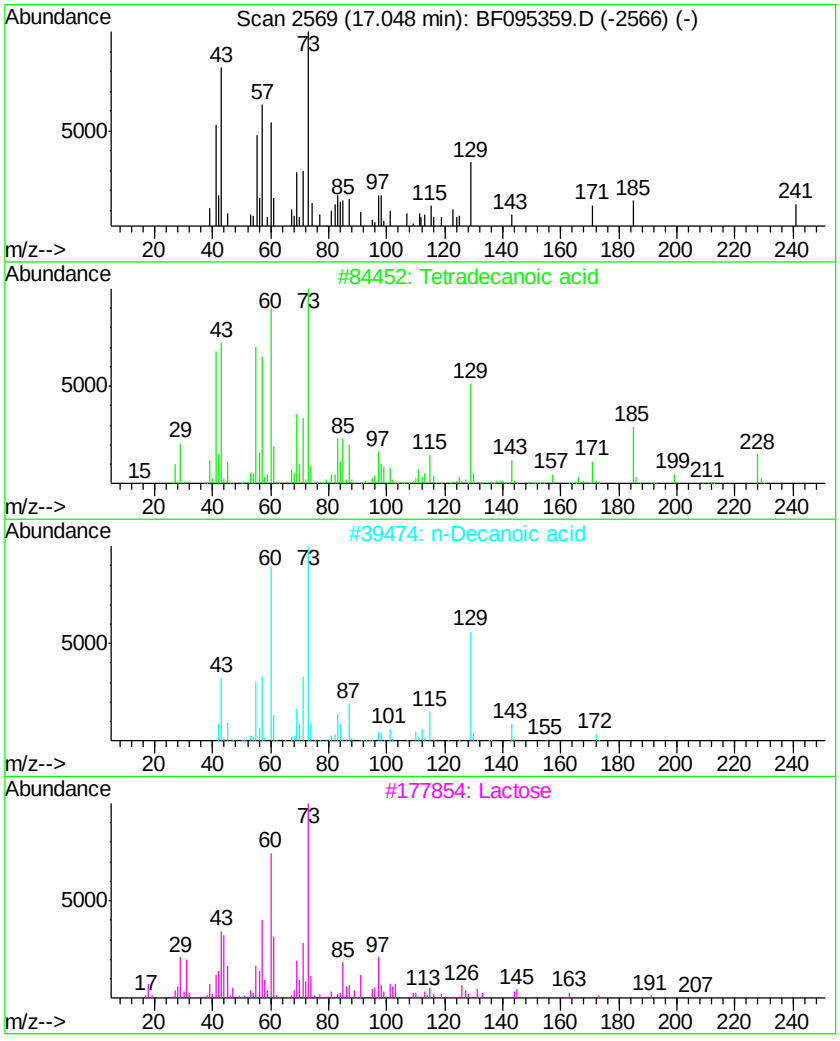
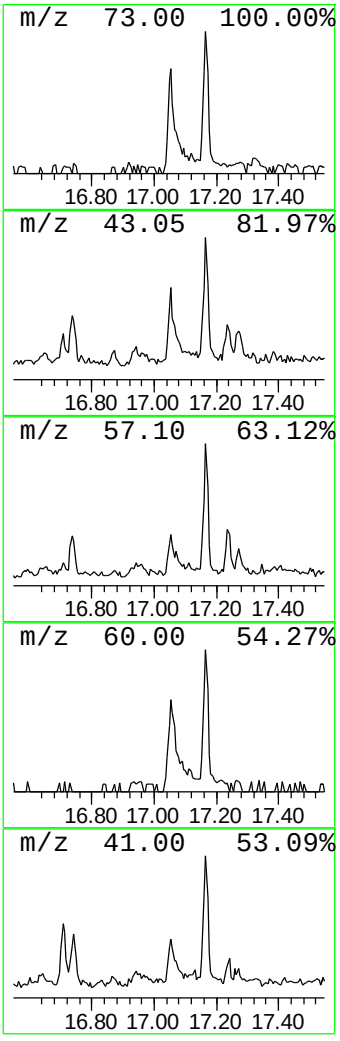
Peak Number 12 unknown17.05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	4.33 ng	103972	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
2	n-Decanoic acid	172	C10H20O2	000334-48-5	46
3	Lactose	342	C12H22O11	000063-42-3	35
4	D-Galactose	180	C6H12O6	000059-23-4	27
5	5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	22





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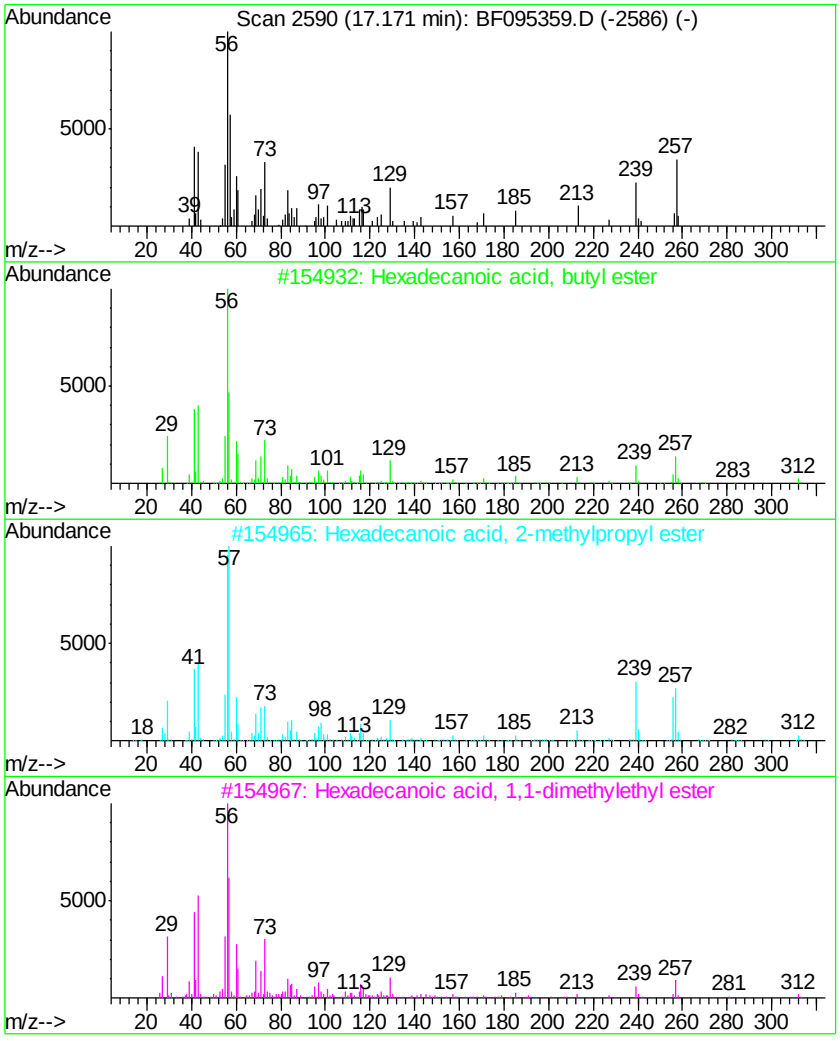
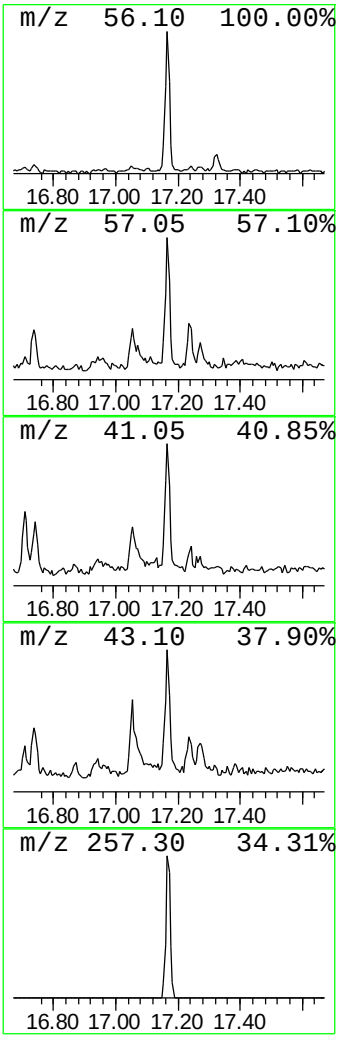
Peak Number 13 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	5.97 ng	143356	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35





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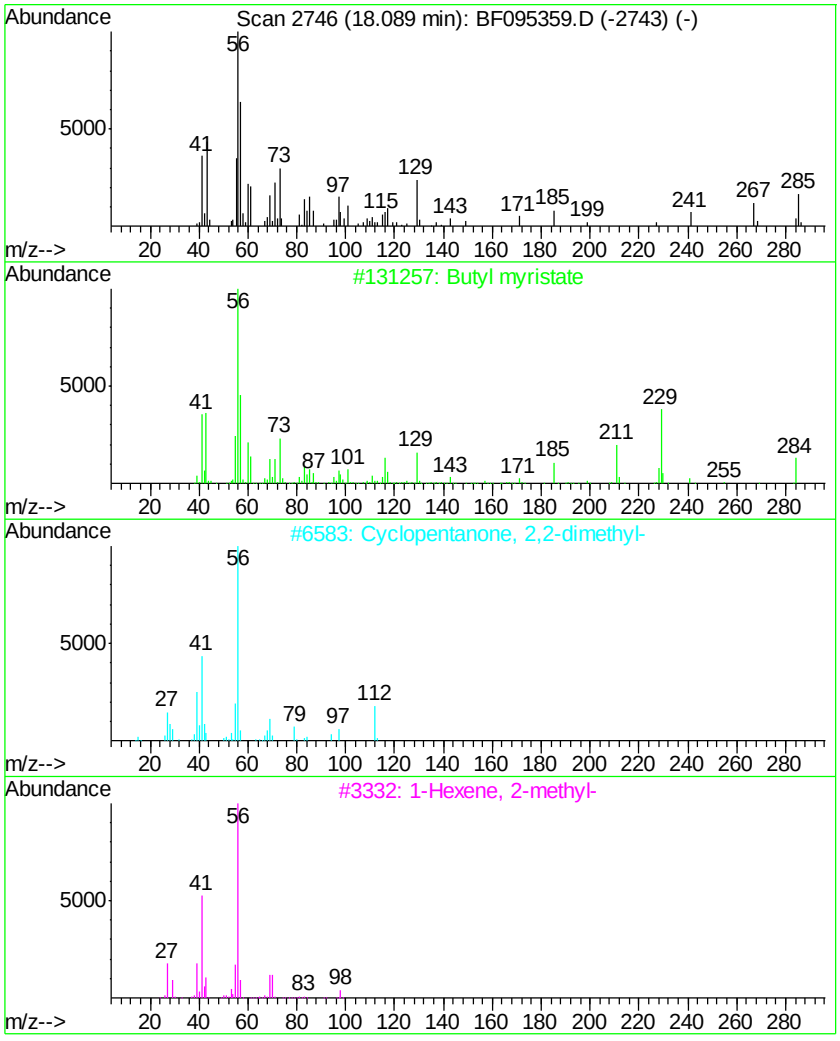
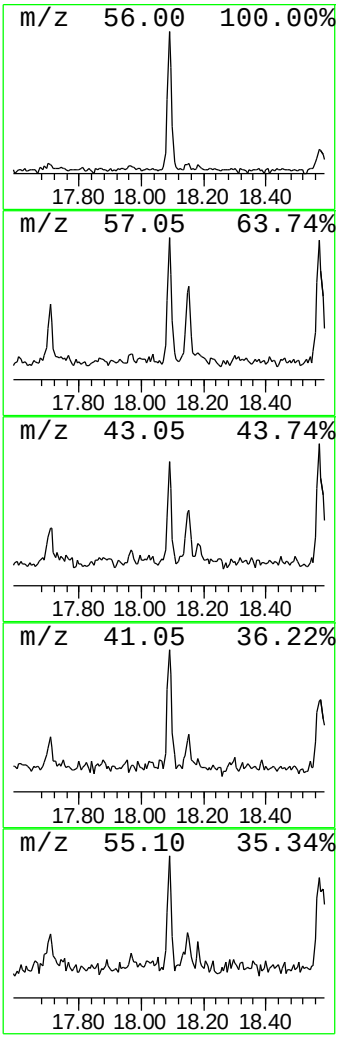
Peak Number 14 Butyl myristate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.50 ng	108040	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	64
2	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	30
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	27
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27





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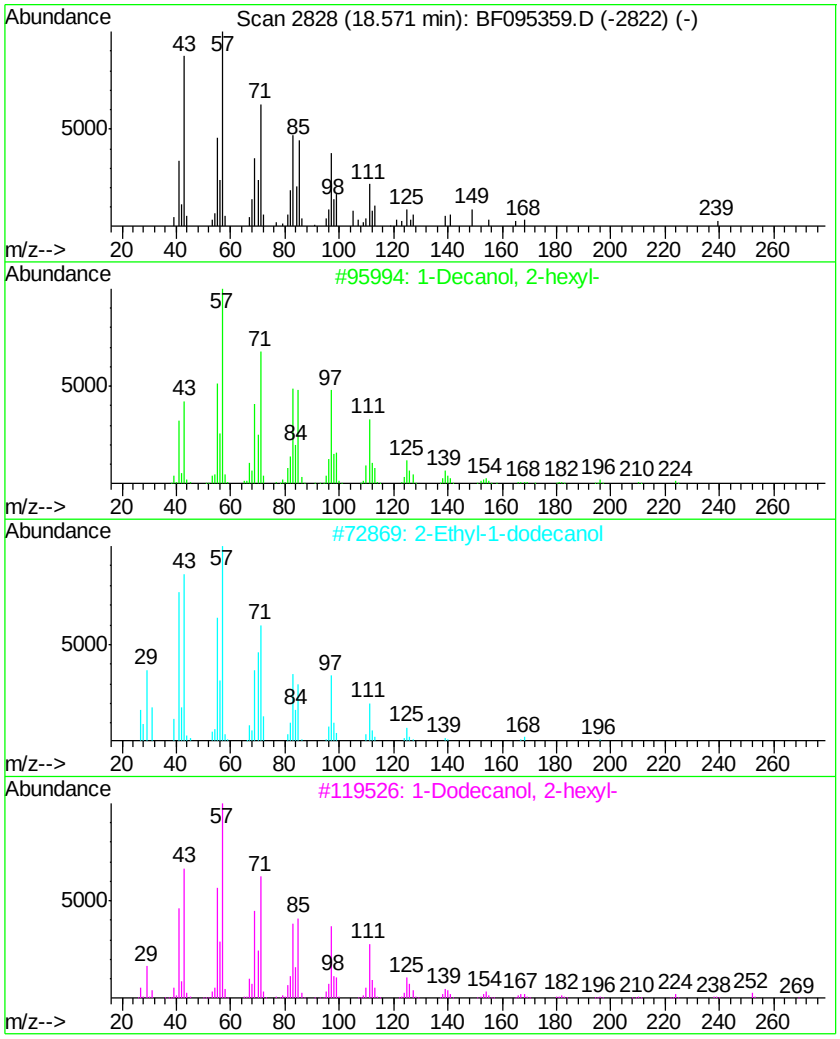
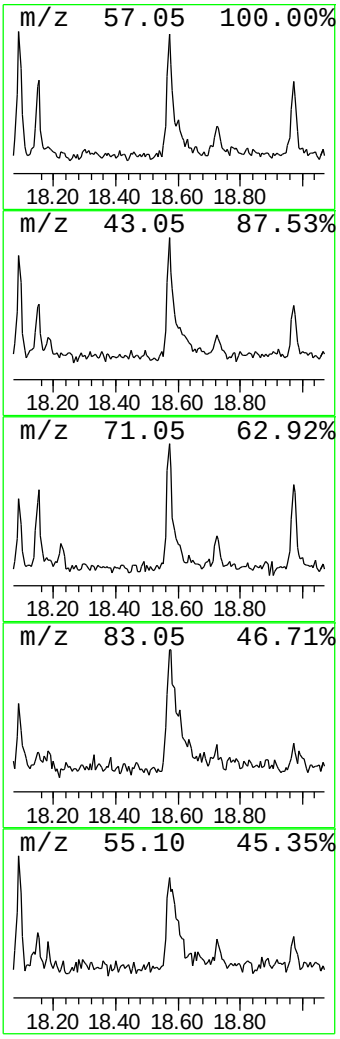
Peak Number 15 1-Decanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	7.62 ng	182889	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	83
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	74
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	72
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	60





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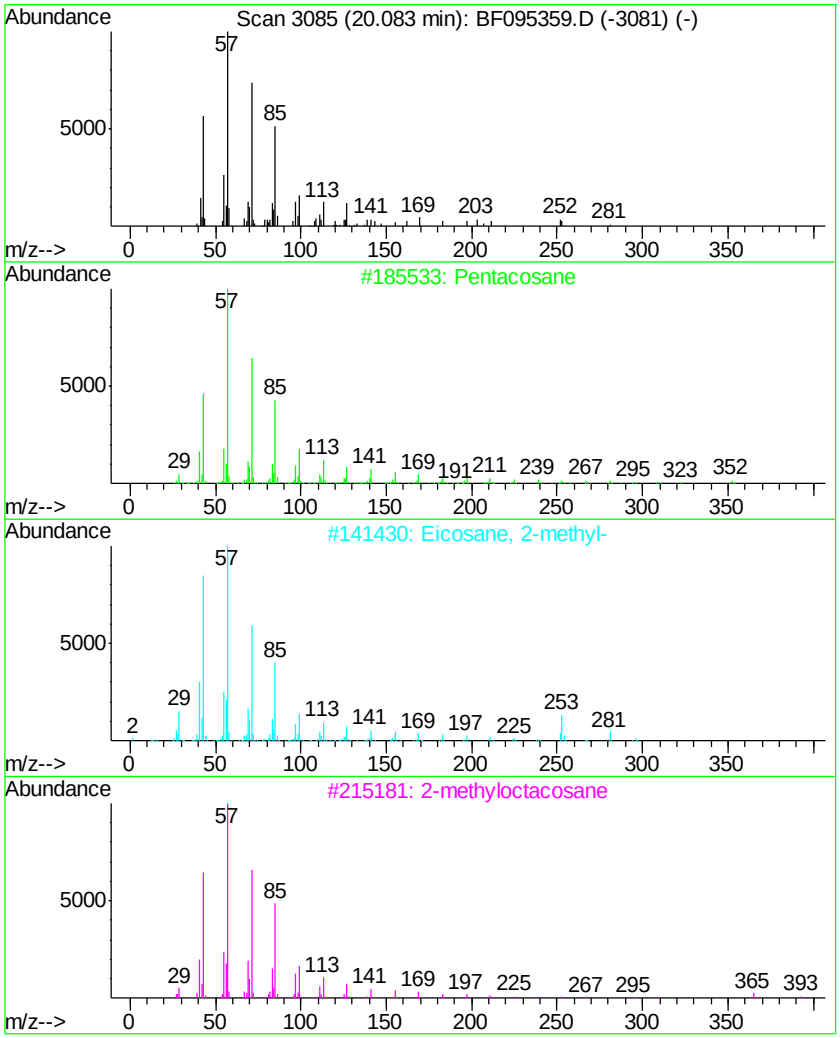
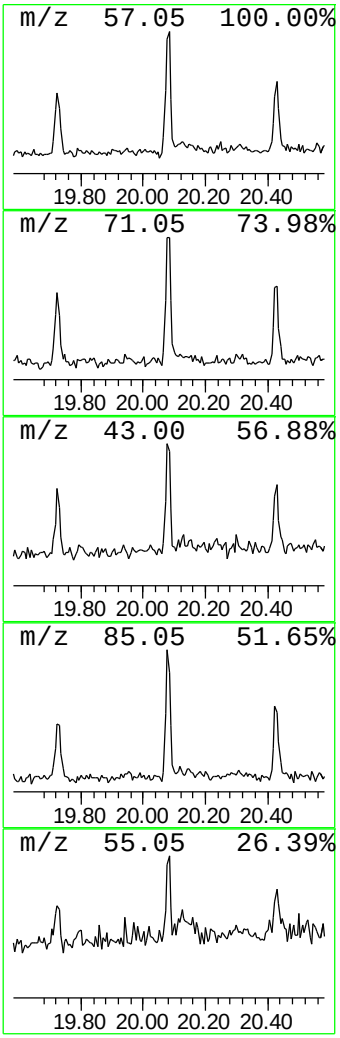
Peak Number 16 Pentacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.73 ng	71064	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Triacontane	422	C30H62	000638-68-6	90





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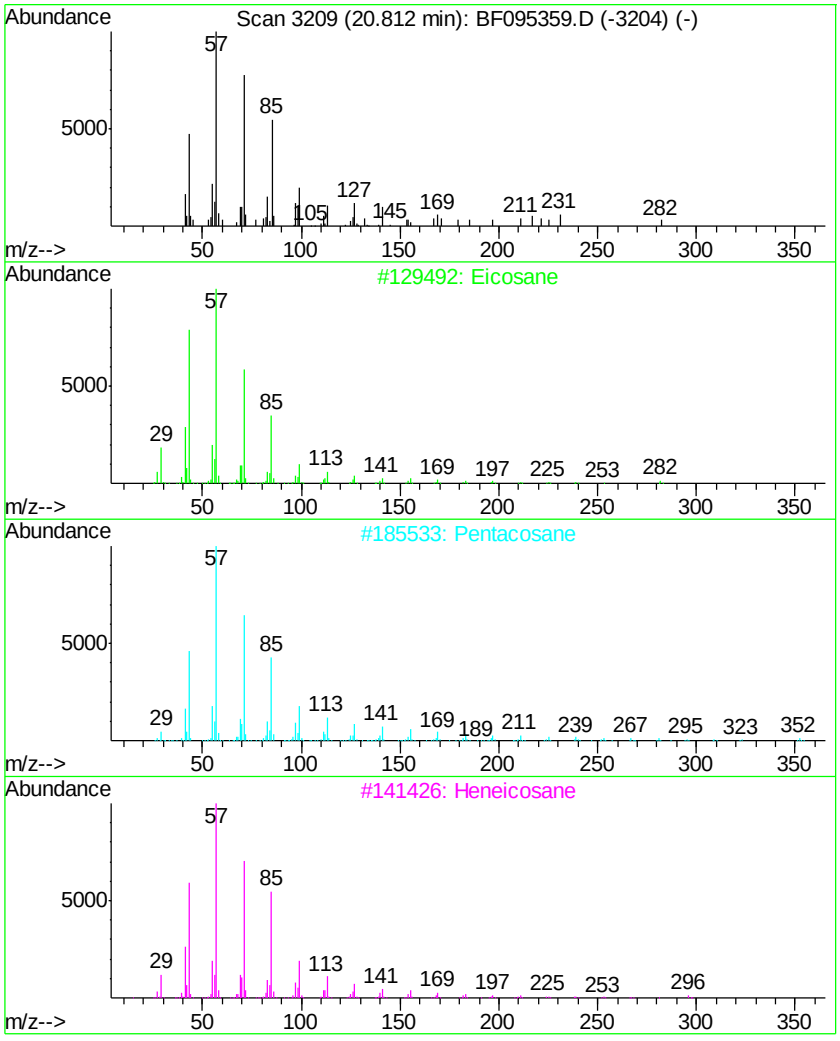
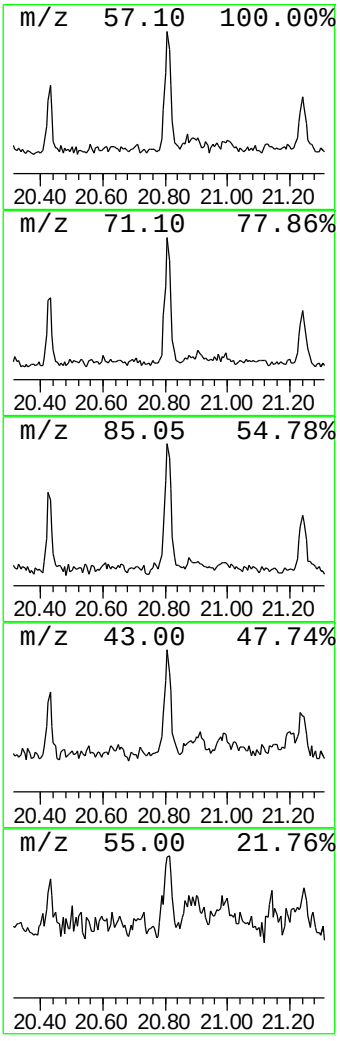
Peak Number 17 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	3.39 ng	88006	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexatriacontane	507	C36H74	000630-06-8	90





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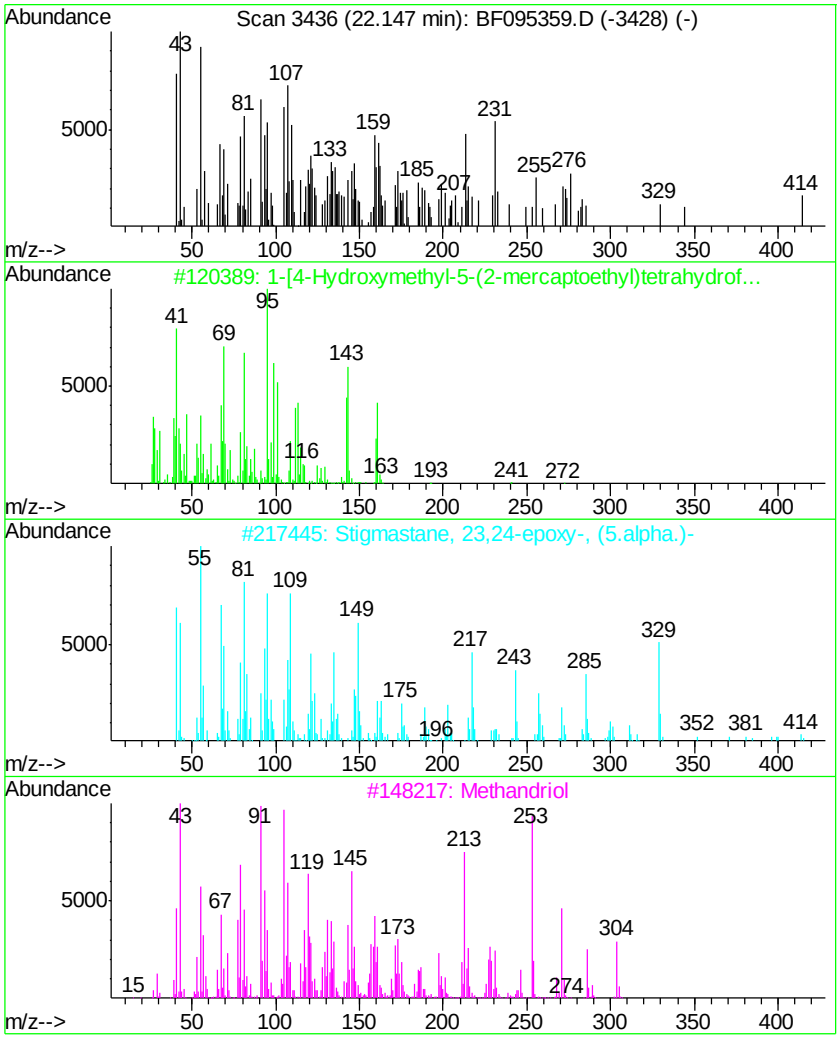
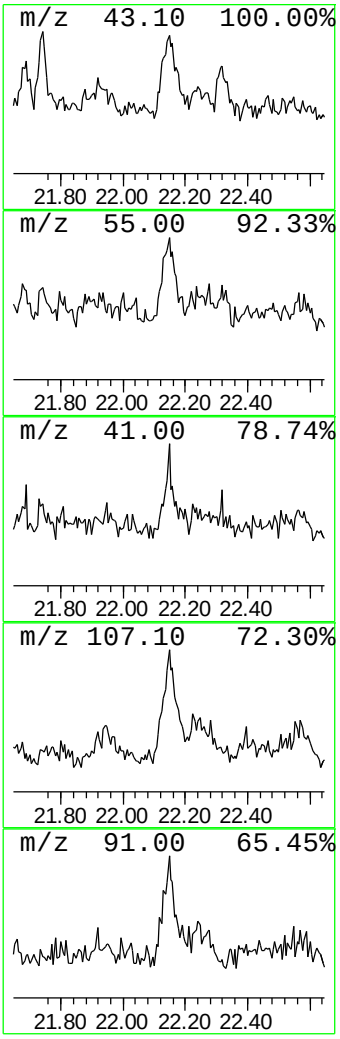
Peak Number 18 unknown22.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	11.04 ng	286971	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[4-Hydroxymethyl-5-(2-mercapto...	272	C11H16N2O4S	128453-39-4	25
2	Stigmastane, 23,24-epoxy-, (5.al...	414	C29H50O	054411-91-5	22
3	Methandriol	304	C20H32O2	000521-10-8	16
4	Spiro[3-phenyl-1,4,2dioxazolin-5...	271	C17H21NO2	287488-39-5	14
5	Pregnanediol 3-acetate-20-tosylate	516	C30H44O5S	1000255-01-5	14





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Instrument : BNA_F
ClientSampleId : PTS-02

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TIC Library : C:\DATABASE\NIST11.L
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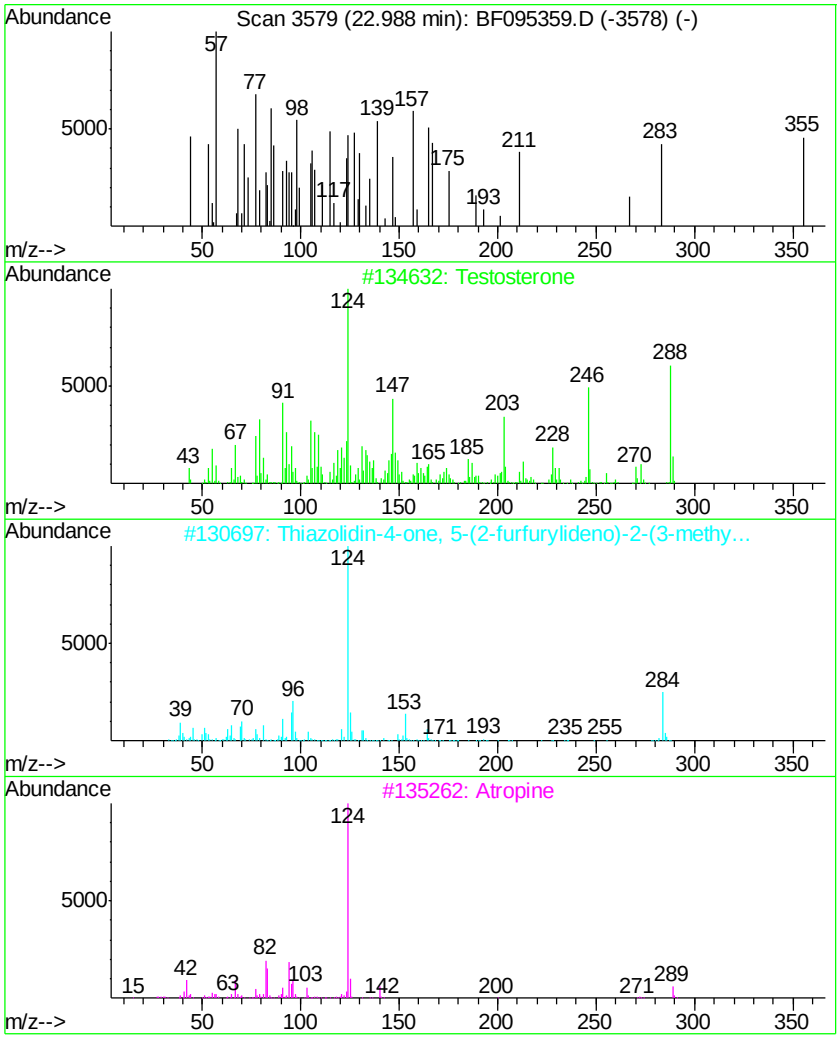
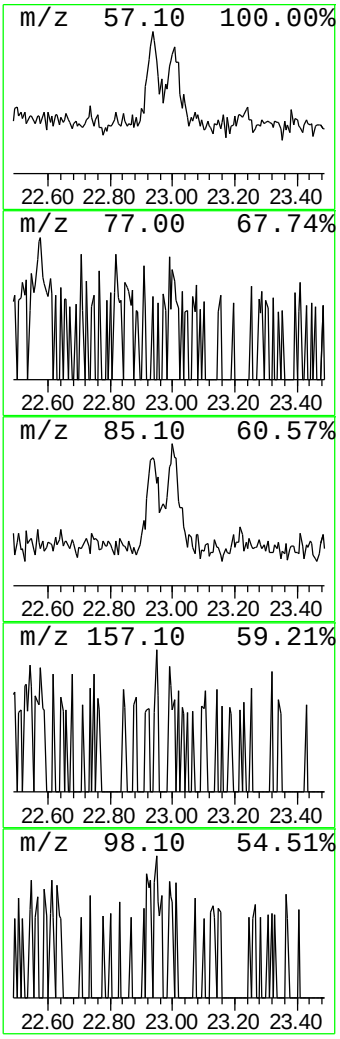
Peak Number 19 unknown22.99 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.69 ng	69808	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	22
2	Thiazolidin-4-one, 5-(2-furfuryl...	284	C15H12N2O2S	294876-46-3	14
3	Atropine	289	C17H23NO3	000051-55-8	14
4	Thiazolidin-4-one, 2-(4-fluoroph...	211	C10H10FNOS	1000277-16-6	12
5	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

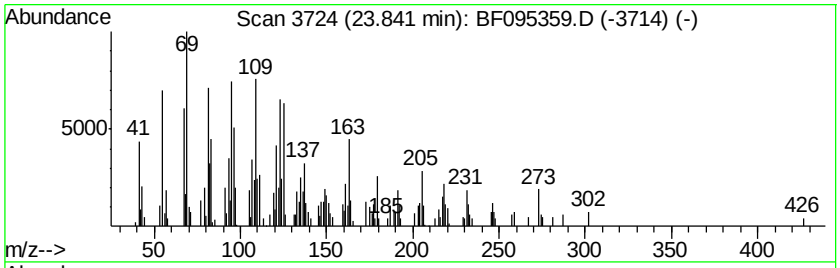
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

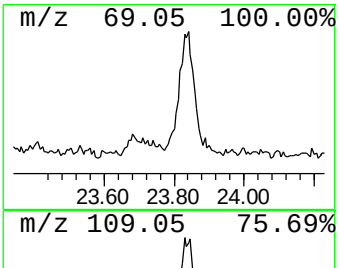
****

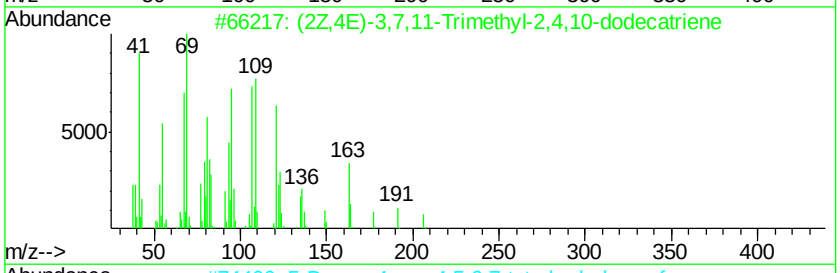
Peak Number 20 (2Z,4E)-3,7,11-Trimethyl-2,... Concentration Rank 3

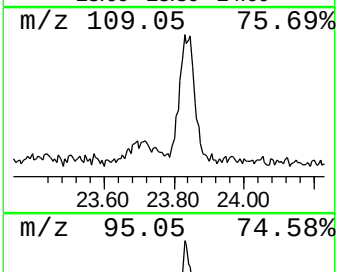
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	19.18 ng	498419	Perylene-d12	20.36

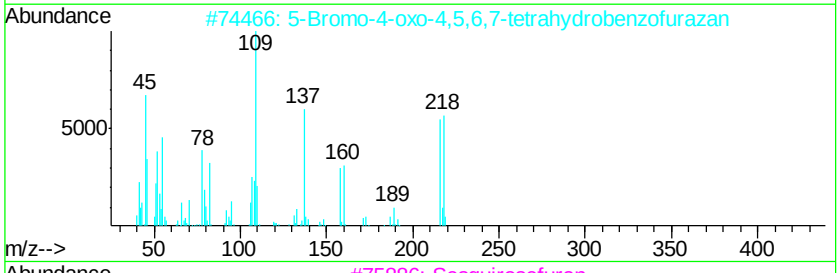
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	62
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	60
3	Sesquirosefuran	218	C15H22O	039007-93-7	50
4	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	46
5	Longifolenaldehyde	220	C15H24O	019890-84-7	40

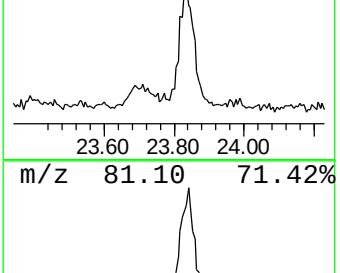


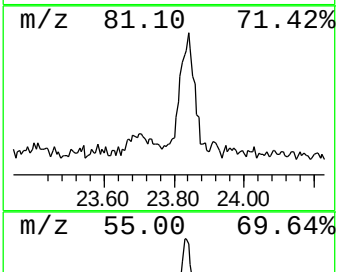


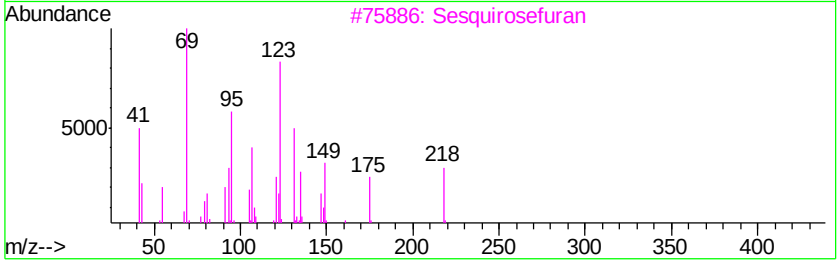


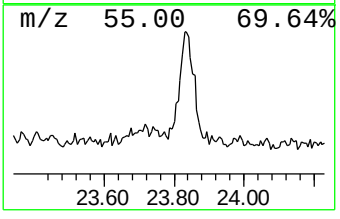












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095359.D
Acq On : 23 May 2017 19:25
Operator : SJ/MA
Sample : I3251-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PTS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
Butanoic acid	4.48	3.3	ng	98771	1	7.75	598769	20.0
2-Pentanone, 4-hy...	5.12	8.9	ng	266670	1	7.75	598769	20.0
Pentanoic acid	6.18	3.4	ng	102675	1	7.75	598769	20.0
unknown7.42	7.42	80.9	ng	2421900	1	7.75	598769	20.0
unknown9.62	9.62	5.7	ng	204253	2	9.77	720304	20.0
Hexadecane	11.76	2.7	ng	139583	3	12.61	1042810	20.0
7-Methyl-4-azaflu...	14.39	4.1	ng	159216	4	15.01	771187	20.0
2,2-Diphenylpropy...	14.70	3.4	ng	131364	4	15.01	771187	20.0
n-Hexadecanoic acid	15.97	5.1	ng	198212	4	15.01	771187	20.0
7,10-Hexadecadien...	16.71	2.6	ng	100323	4	15.01	771187	20.0
unknown17.05	17.05	4.3	ng	103972	5	18.68	479920	20.0
Hexadecanoic acid...	17.17	6.0	ng	143356	5	18.68	479920	20.0
Butyl myristate	18.09	4.5	ng	108040	5	18.68	479920	20.0
1-Decanol, 2-hexyl-	18.57	7.6	ng	182889	5	18.68	479920	20.0
Pentacosane	20.08	2.7	ng	71064	6	20.36	519715	20.0
Eicosane	20.81	3.4	ng	88006	6	20.36	519715	20.0
unknown22.15	22.15	11.0	ng	286971	6	20.36	519715	20.0
unknown22.99	22.99	2.7	ng	69808	6	20.36	519715	20.0
(2Z,4E)-3,7,11-Tr...	23.84	19.2	ng	498419	6	20.36	519715	20.0