LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

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-BF013017.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	4.361	197	199	208	rVB	204883	283659	1.06%	0.244%
2	4.979	250	253	262	rVB	1066912	1418971	5.30%	1.218%
3	5.413	289	291	294	rVB	2376718	3201469	11.96%	2.749%
4	6.464	381	383	386	rBV	2413657	3779141	14.12%	3.245%
5	6.590	392	394	396	rVB	3558562	3303440	12.34%	2.836%
6	6.647	396	399	402	rVB2	369374	583336	2.18%	0.501%
7	6.819	411	414	417	rVB2	1068267	1210560	4.52%	1.039%
8	6.967	425	427	430	rBV	1757129	2598955	9.71%	2.231%
9	7.093	431	438	440	rBV4	179714	469657	1.75%	0.403%
10	7.139	440	442	446	rVB2	349822	458973	1.71%	0.394%
11	7.207	446	448	453	rVB	490541	604616	2.26%	0.519%
12	7.356	458	461	462	rBV	508877	531202	1.98%	0.456%
13	7.390	462	464	465	rBV	2161203	2243404	8.38%	1.926%
14	7.470	468	471	472	rVB2	262231	364764	1.36%	0.313%
15	7.596	478	482	483	rBV2	239646	476150	1.78%	0.409%
16	7.619	483	484	486	rVB	548409	414695	1.55%	0.356%
17	7.836	500	503	505	rBV3	348250	795420	2.97%	0.683%
18	7.870	505	506	508	rVB	364956	285658	1.07%	0.245%
19	7.916	508	510	513	rVB2	222466	331945	1.24%	0.285%
20	8.099	523	526	529	rBV	1148118	1759064	6.57%	1.510%
21	8.396	548	552	554	rVV4	233096	434008	1.62%	0.373%
22	8.476	555	559	561	rVV4	337436	589921	2.20%	0.506%
23	8.522	561	563	566	rVV3	240488	437453	1.63%	0.376%
24	8.922	593	598	599	rBV	1892606	2538295	9.48%	2.179%
25	9.002	602	605	607	rBV4	123739	286549	1.07%	0.246%
26	9.128	611	616	618	rBV2	310061	511289	1.91%	0.439%
27	9.185	618	621	623	rVB	3221848	3400080	12.70%	2.919%
28	9.253	623	627	630	rBV2	100424	269779	1.01%	0.232%
29	9.379	635	638	641	rVB	427325	606262	2.27%	0.521%
30	9.448	641	644	646	rBV	715298	1088604	4.07%	0.935%
31	9.516	648	650	651	rBV	1003367	992098	3.71%	0.852%
32	9.539	651	652	654	rVV	346945	489107	1.83%	0.420%
33	9.585	654	656	658	rVB	959510	1045455	3.91%	0.898%
34	9.631	658	660	665	rBV	290077	515213	1.93%	0.442%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.859	676	680	681	rBV	1467386	1432046	5.35%	1.230%
36	9.893	681	683	685	rVB	841625	758332	2.83%	0.651%
37	9.973	687	690	692	rBV3	195155	273363	1.02%	0.235%
38	10.065	696	698	700	rBV	735775	811940	3.03%	0.697%
39	10.099	700	701	706	rVB4	163495	276181	1.03%	0.237%
40	10.408	725	728	730	rBV	545397	521676	1.95%	0.448%
41	10.511	734	737	738	rBV	261952	290401	1.09%	0.249%
42	10.648	747	749	752	rVB2	1199694	1649762	6.16%	1.416%
43	10.705	752	754	756	rVB	334895	304845	1.14%	0.262%
44	10.773	757	760	763	rBV	621112	942060	3.52%	0.809%
45	11.048	780	784	786	rBV	1424935	1906651	7.12%	1.637%
46	11.219	797	799	800	rBV2	152691	283388	1.06%	0.243%
47	11.242	800	801	804	rVB	555443	429260	1.60%	0.369%
48	11.345	808	810	814	rBV2	1247488	1645899	6.15%	1.413%
49	11.985	855	866	869	rBV2	5797236	26763006	100.00%	22.978%
50	12.065	871	873	874	rVV2	1899361	2291392	8.56%	1.967%
51	12.099	874	876	880	rVB2	2245568	3566338	13.33%	3.062%
52	12.179	881	883	884	rBV	853250	849675	3.17%	0.730%
53	12.294	891	893	895	rBV	2225748	3056837	11.42%	2.625%
54	12.385	898	901	904	rBV5	427349	725108	2.71%	0.623%
55	12.442	904	906	909	rBV3	386229	462521	1.73%	0.397%
56	12.602	918	920	924	rBV	2129679	2787079	10.41%	2.393%
57	12.717	926	930	931	rVV	1316684	2424267	9.06%	2.081%
58	12.797	935	937	941	rBV3	961343	1648198	6.16%	1.415%
59	12.888	943	945	947	rVV	2696425	3268717	12.21%	2.806%
60	12.934	947	949	952	rVB	1433483	2088205	7.80%	1.793%
61	13.082	959	962	963	rBV	1545489	1936507	7.24%	1.663%
62	13.391	987	989	990	rVB	820203	994522	3.72%	0.854%
63	13.505	997	999	1001	rBV	322453	335687	1.25%	0.288%
64	13.997	1039	1042	1043	rBV	765400	804942	3.01%	0.691%
65	14.145	1053	1055	1060	rVB2	298244	448051	1.67%	0.385%
66	14.740	1105	1107	1112	rVB3	313068	531918	1.99%	0.457%
67	15.414	1164	1166	1169	rVB	594838	879045	3.28%	0.755%
68	15.985	1213	1216	1219	rVV2	284456	453488	1.69%	0.389%
69	16.088	1223	1225	1229	rVB2	210818	359627	1.34%	0.309%
70	16.225	1235	1237	1241	rVB3	127794	294453	1.10%	0.253%
71	16.797	1284	1287	1296	rVB5	150764	520943	1.95%	0.447%

LSC Area Percent Report

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Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.094	1311	1313	1321	rVB3	142364	322788	1.21%	0.277%
73	17.334	1329	1334	1340	rBV3	1148673	3855974	14.41%	3.311%
74	18.008	1387	1393	1397	rBV	1121113	2877210	10.75%	2.470%
75	18.294	1413	1418	1423	rBV	609862	1642916	6.14%	1.411%
76	18.557	1437	1441	1450	rVB2	136548	435887	1.63%	0.374%

Sum of corrected areas: 116470297

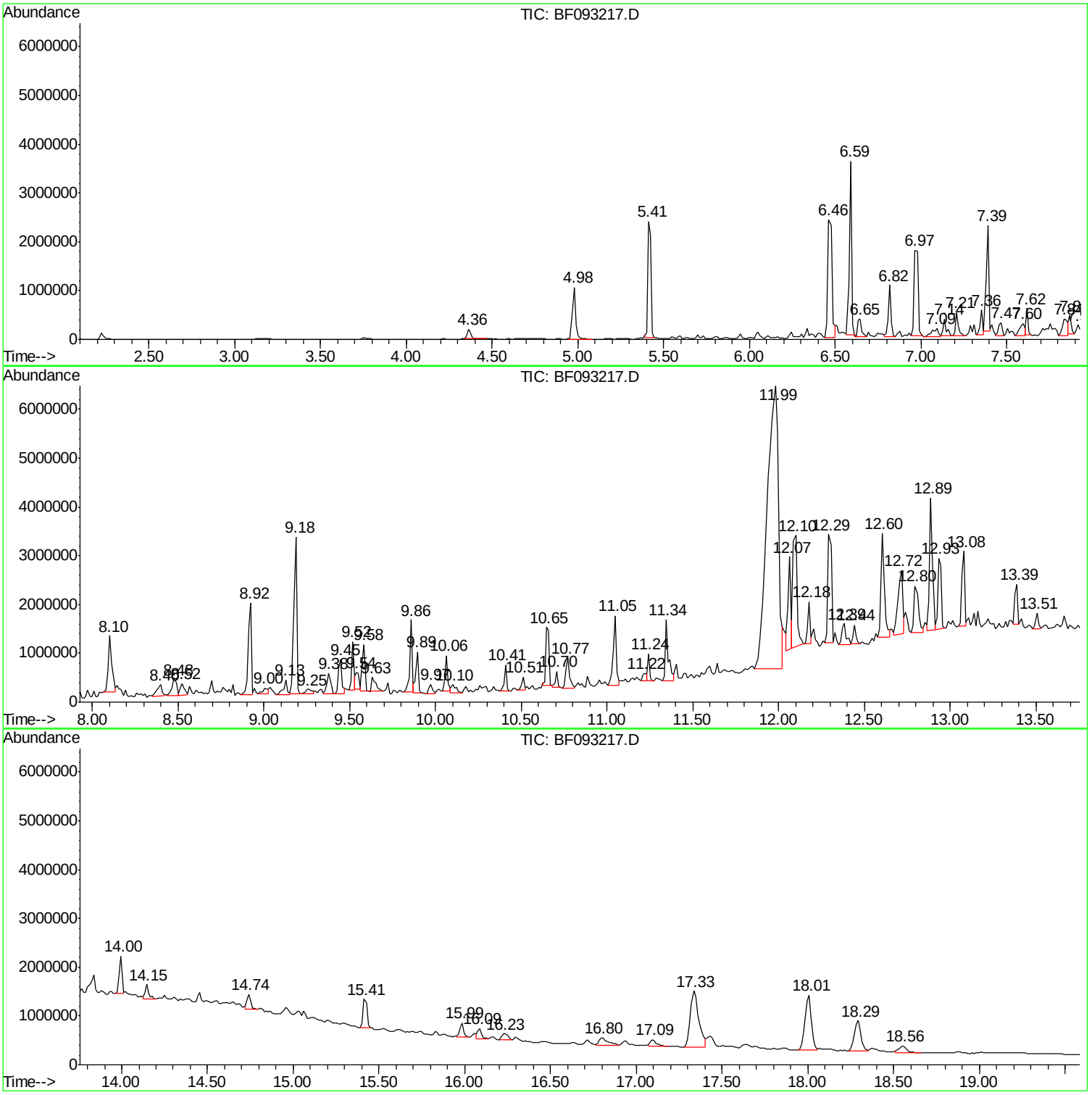
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

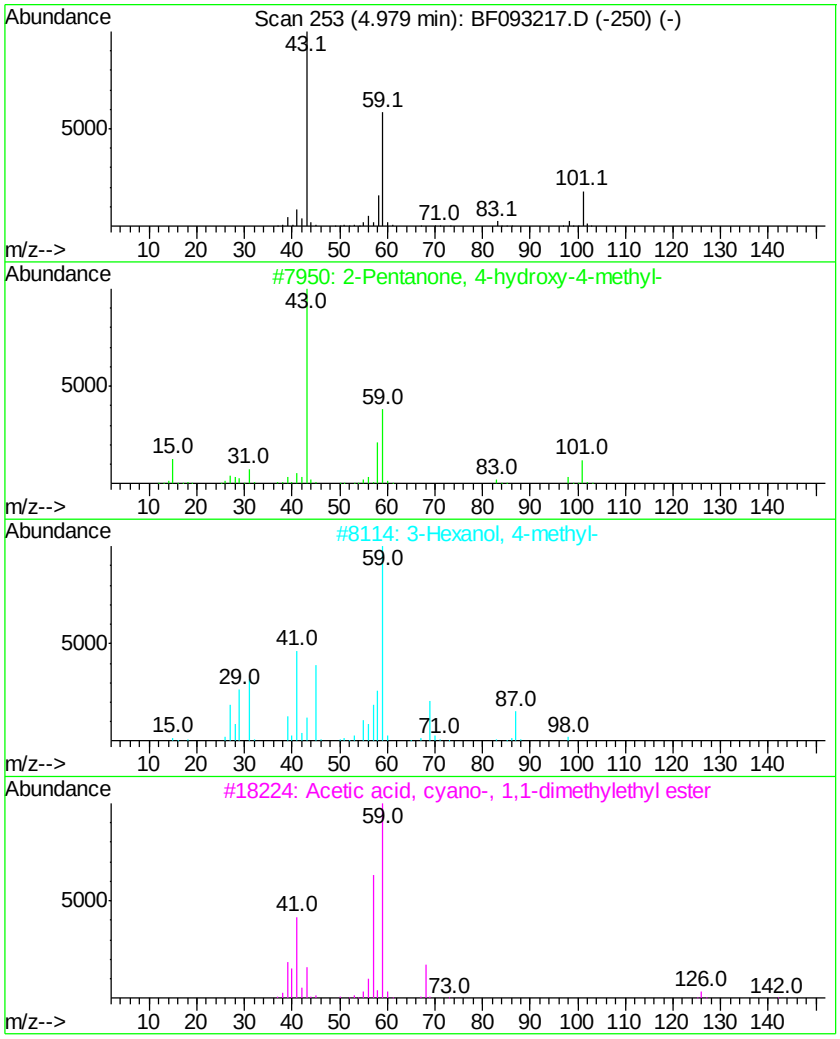
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

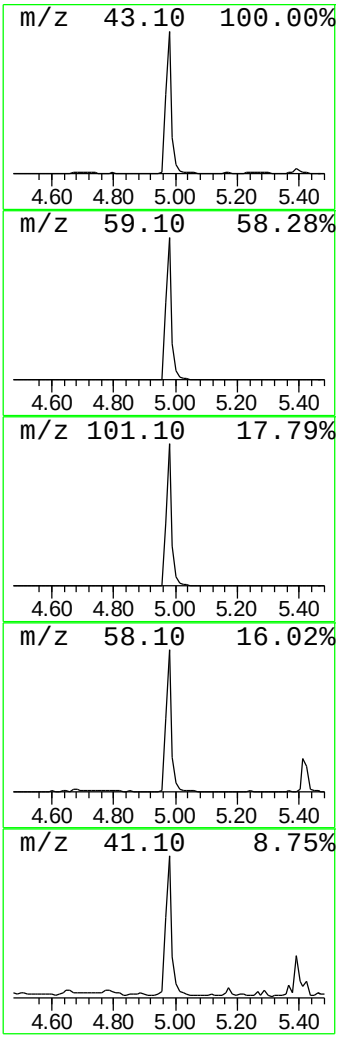
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	23.44 ng	1418970	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

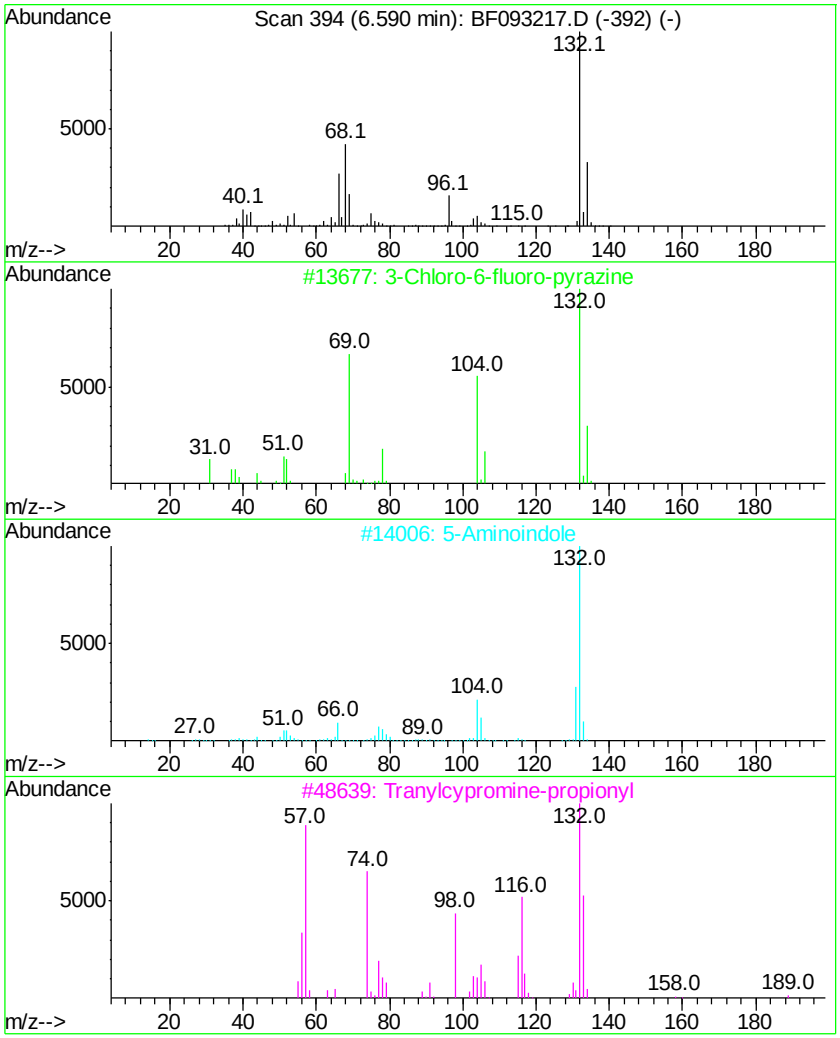
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

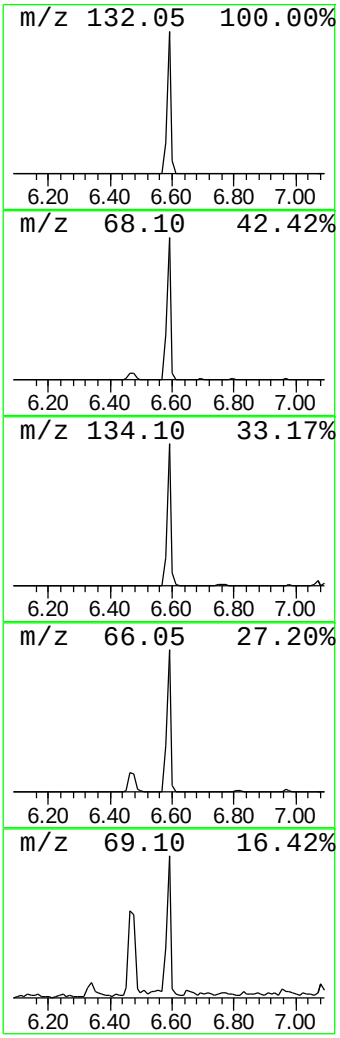
****

Peak Number 2 unknown6.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	54.58 ng	3303440	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

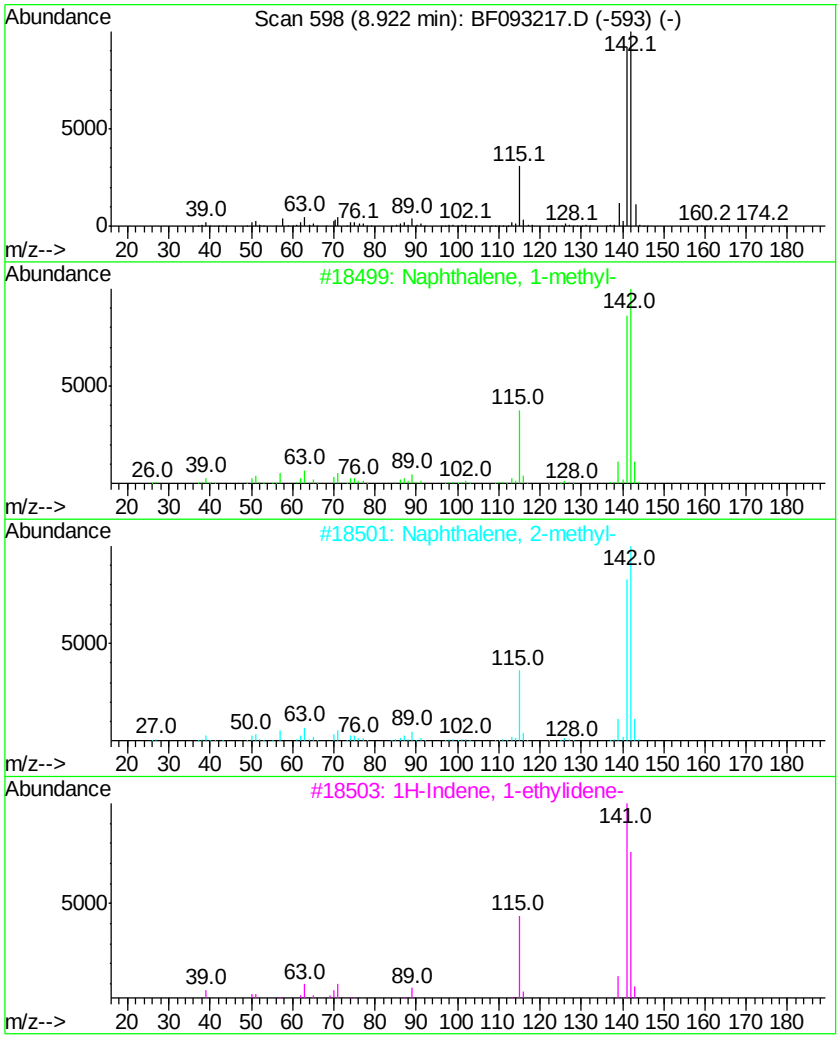
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

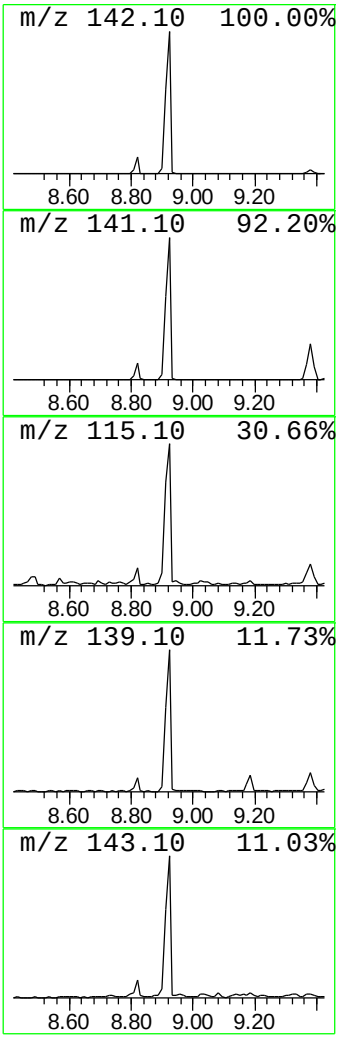
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	28.86 ng	2538300	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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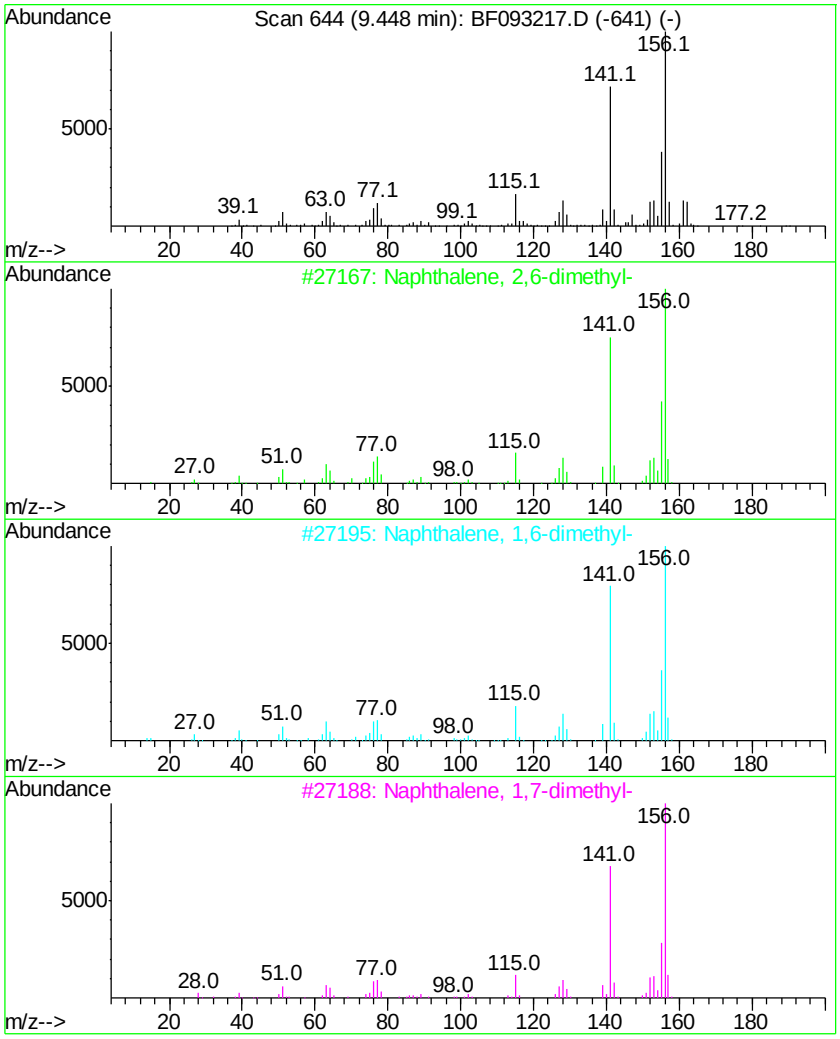
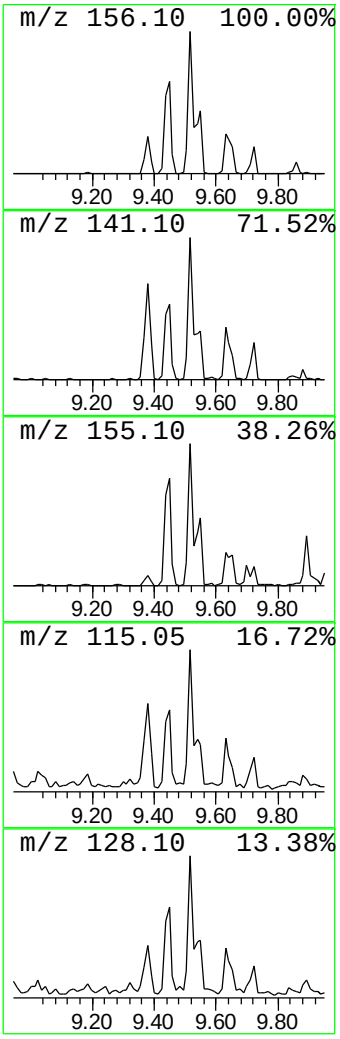
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	15.20 ng	1088600	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
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Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

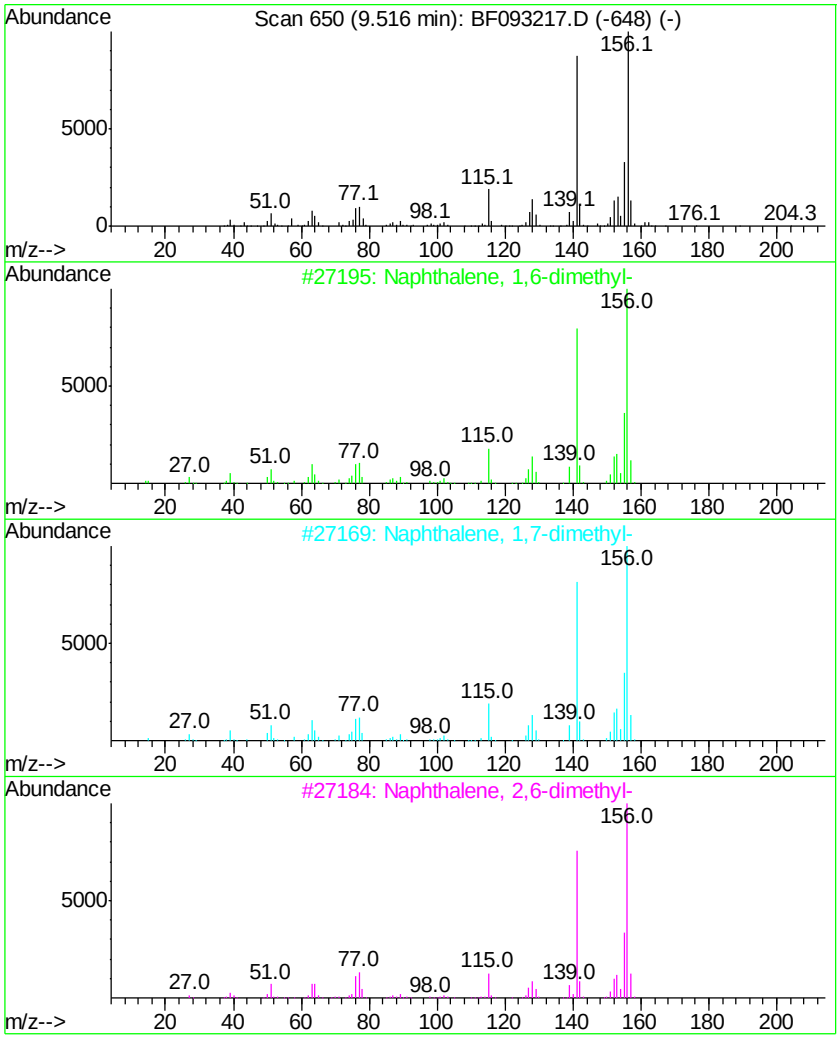
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

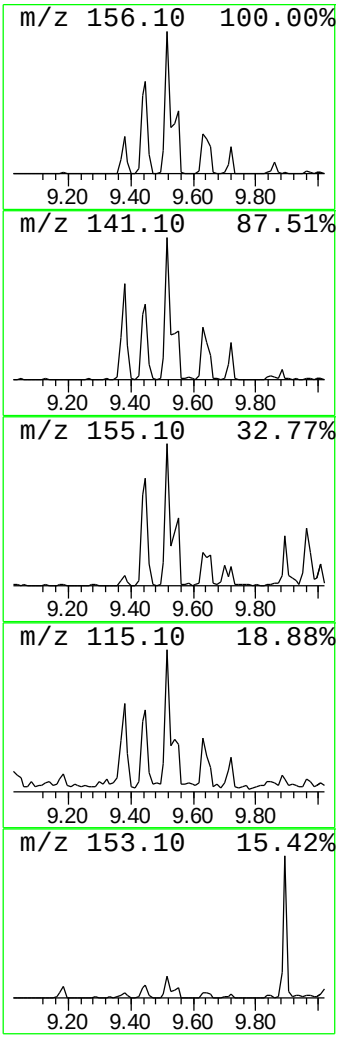
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	13.86 ng	992098	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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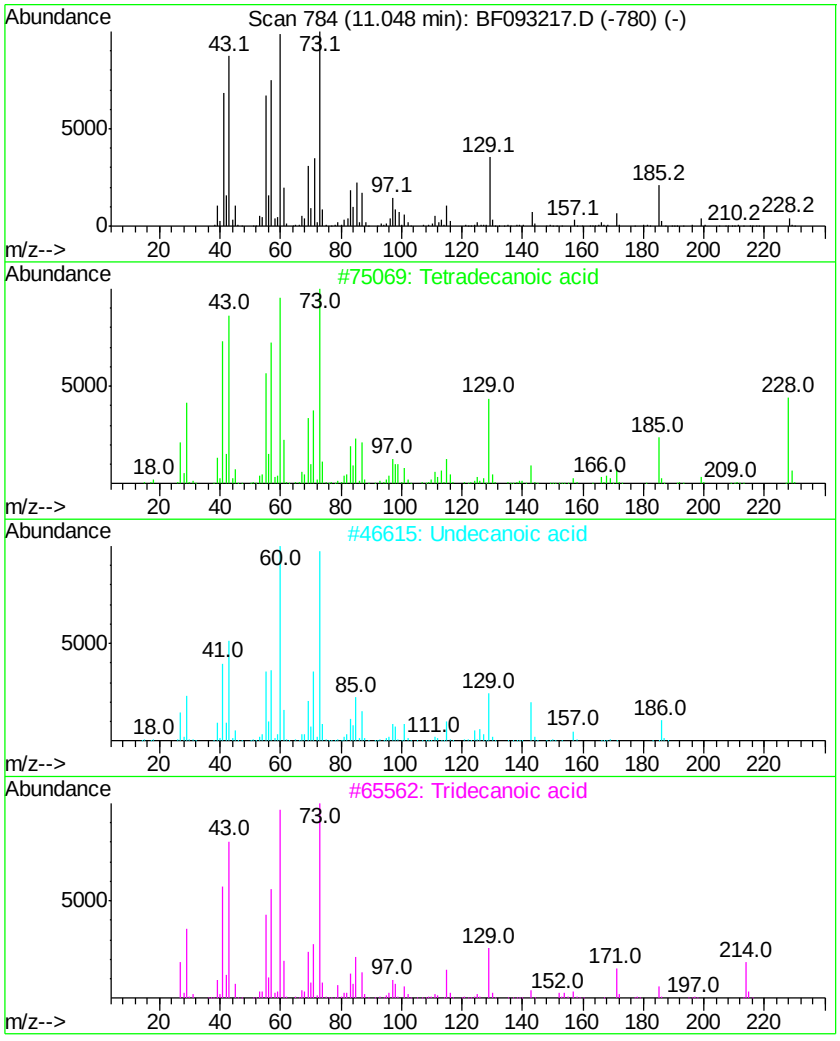
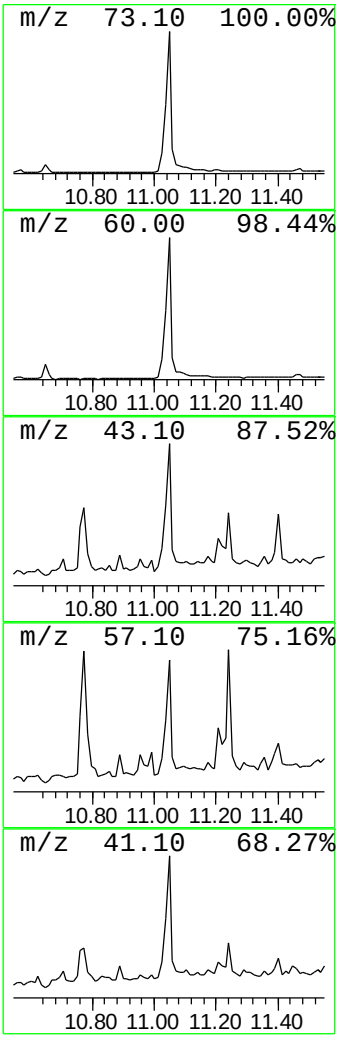
Peak Number 7 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	23.17 ng	1906650	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	Undecanoic acid	186	C11H22O2	000112-37-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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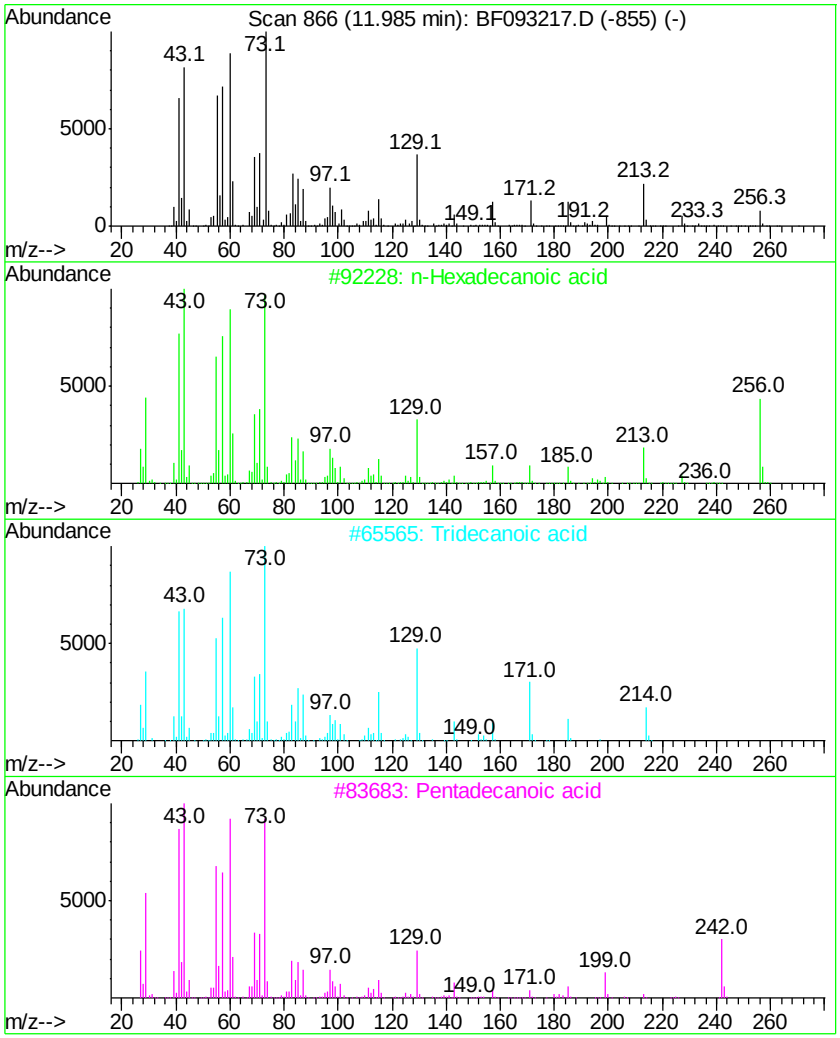
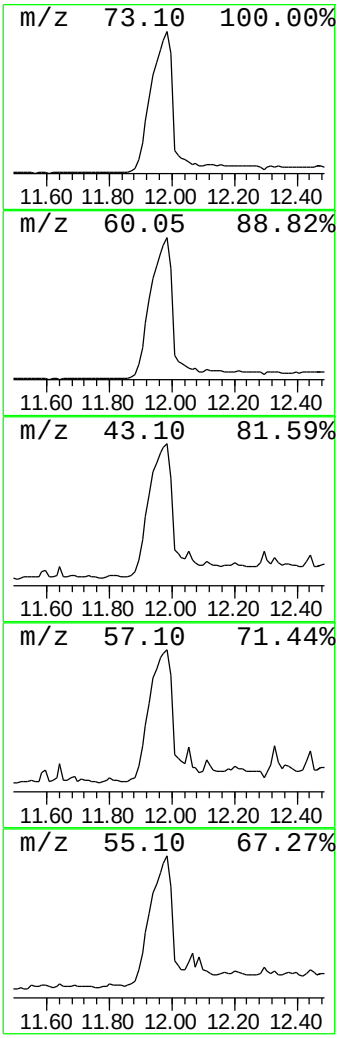
Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	325.21 ng	26763000	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Nonanoic acid	158	C9H18O2	000112-05-0	46





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Operator : SJ/MA
Sample : I1996-05
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : E2-AA6-SWN

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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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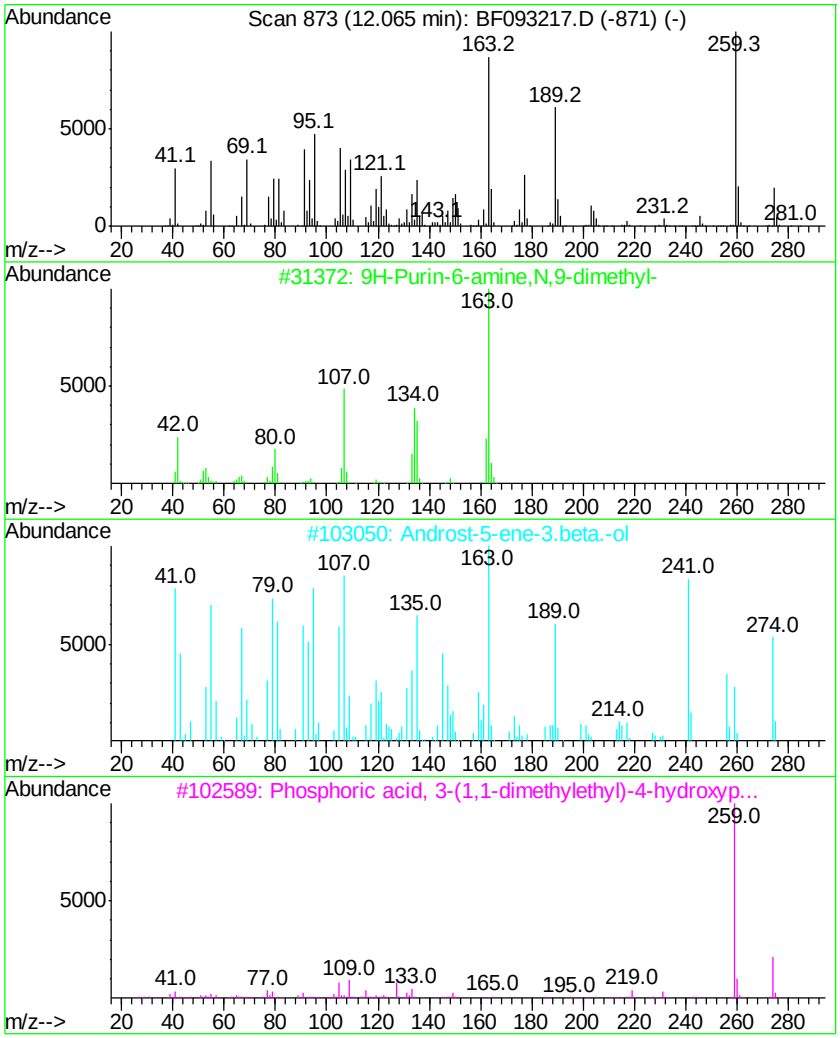
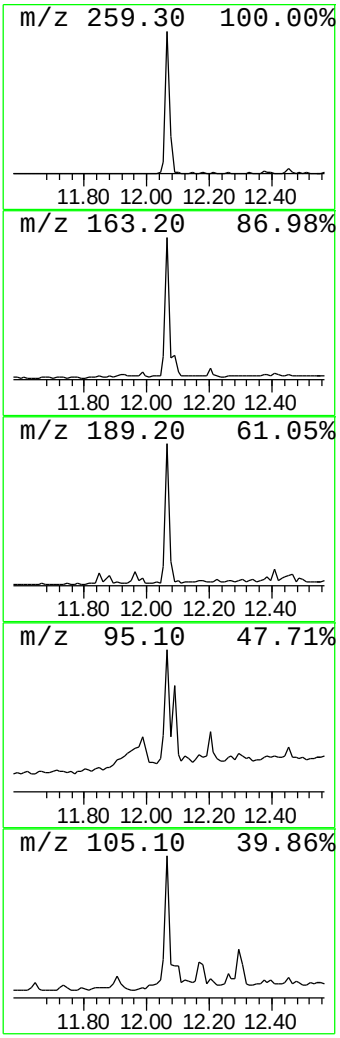
Peak Number 9 unknown12.07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	27.84 ng	2291390	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	18
2	Androst-5-ene-3.beta.-ol	274	C19H30O	001476-64-8	15
3	Phosphoric acid, 3-(1,1-dimethyl...	274	C12H19O5P	094420-61-8	14
4	Hydratropamide, .alpha.-methyl-	163	C10H13NO	000826-54-0	14
5	Benzeneacetic acid, .alpha.,.alp...	209	C10H11NO4	126802-52-6	14





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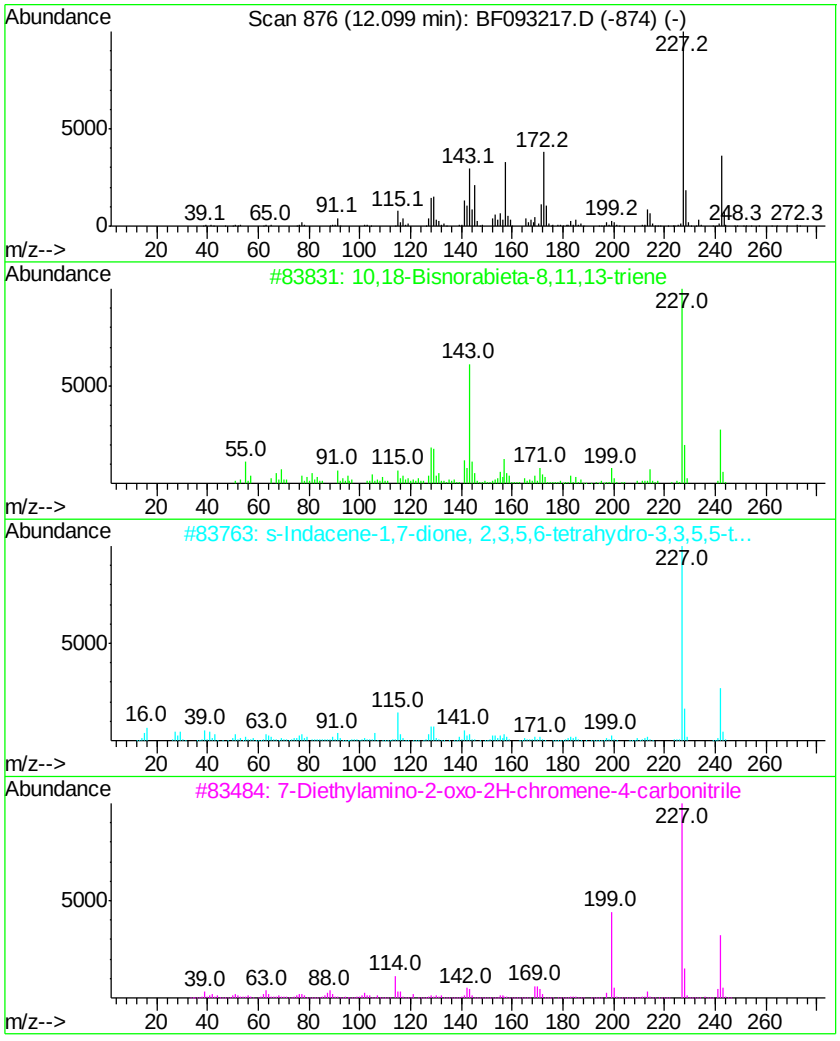
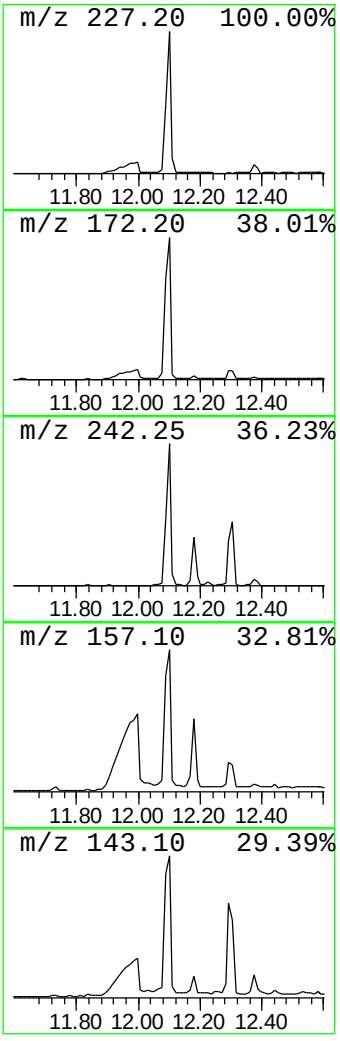
Peak Number 10 10,18-Bisnorabieta-8,11,13-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	43.34 ng	3566340	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	62
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	43
4	3-(6-Oxo-1-cyclohexen-1-yl)-2-in...	227	C14H13NO2	076325-86-5	43
5	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	43





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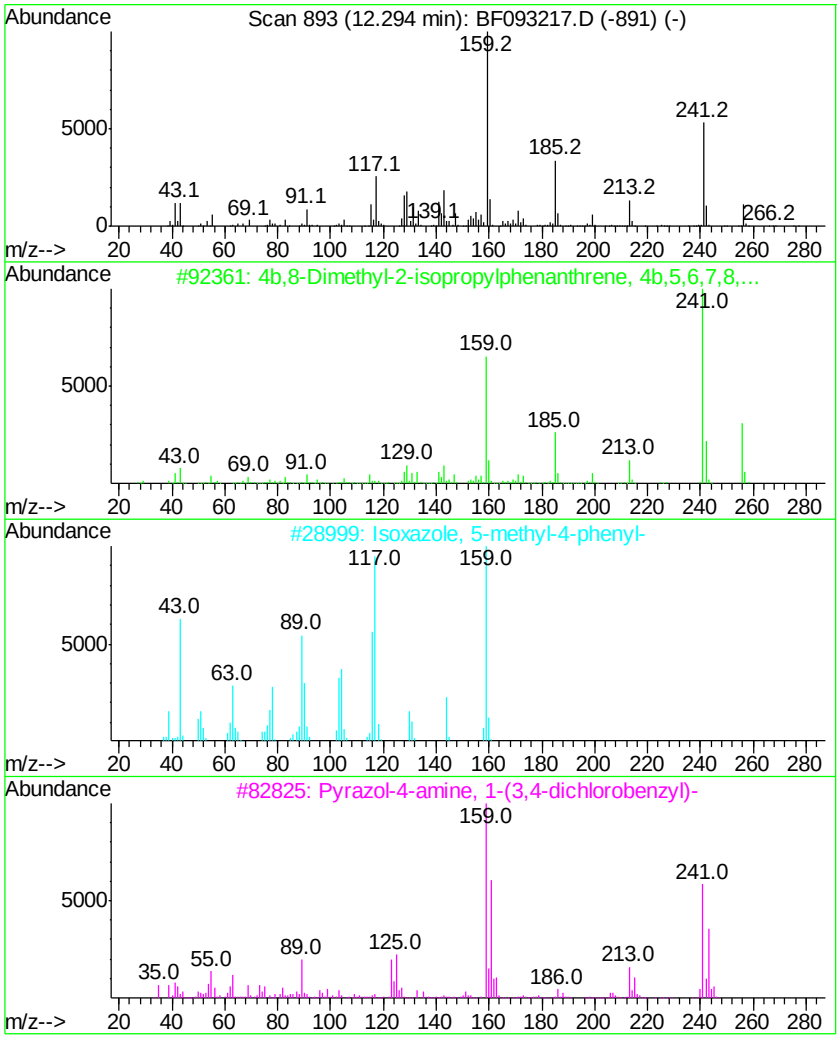
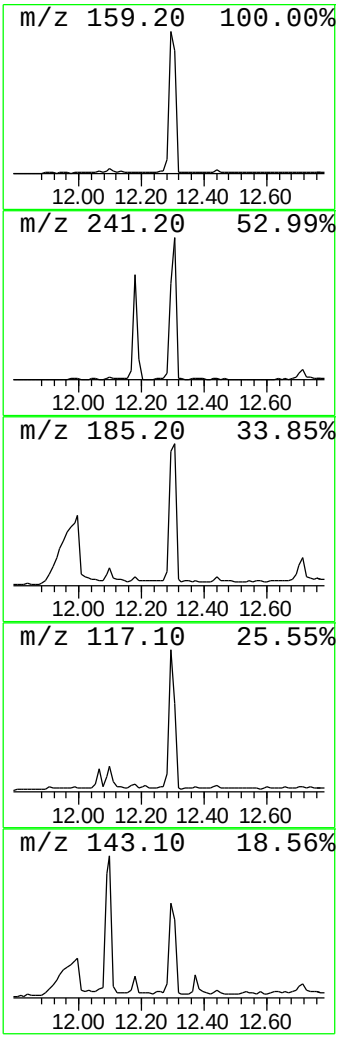
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	37.14 ng	3056840	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	99
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
3	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38





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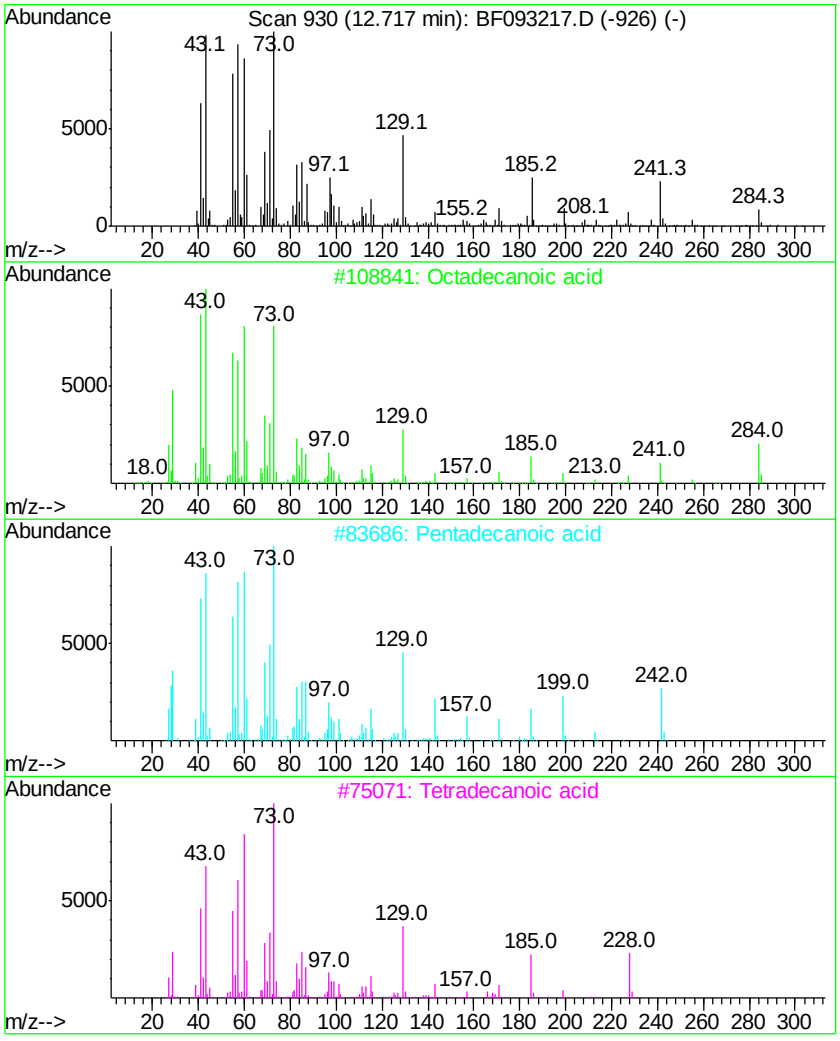
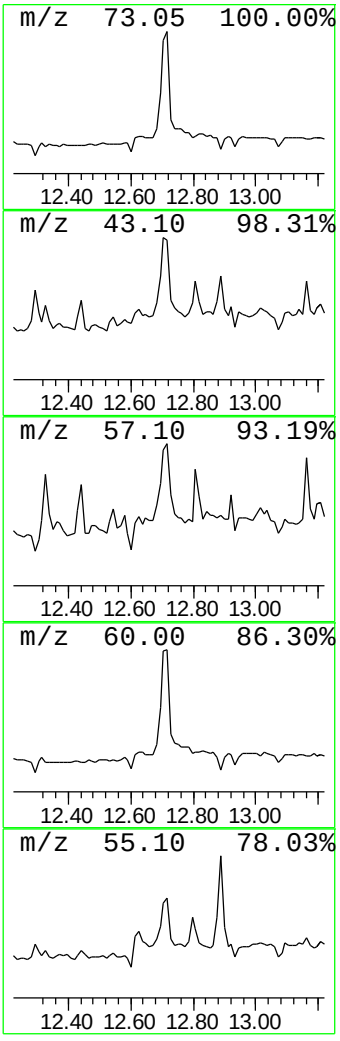
Peak Number 12 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	60.23 ng	2424270	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	41





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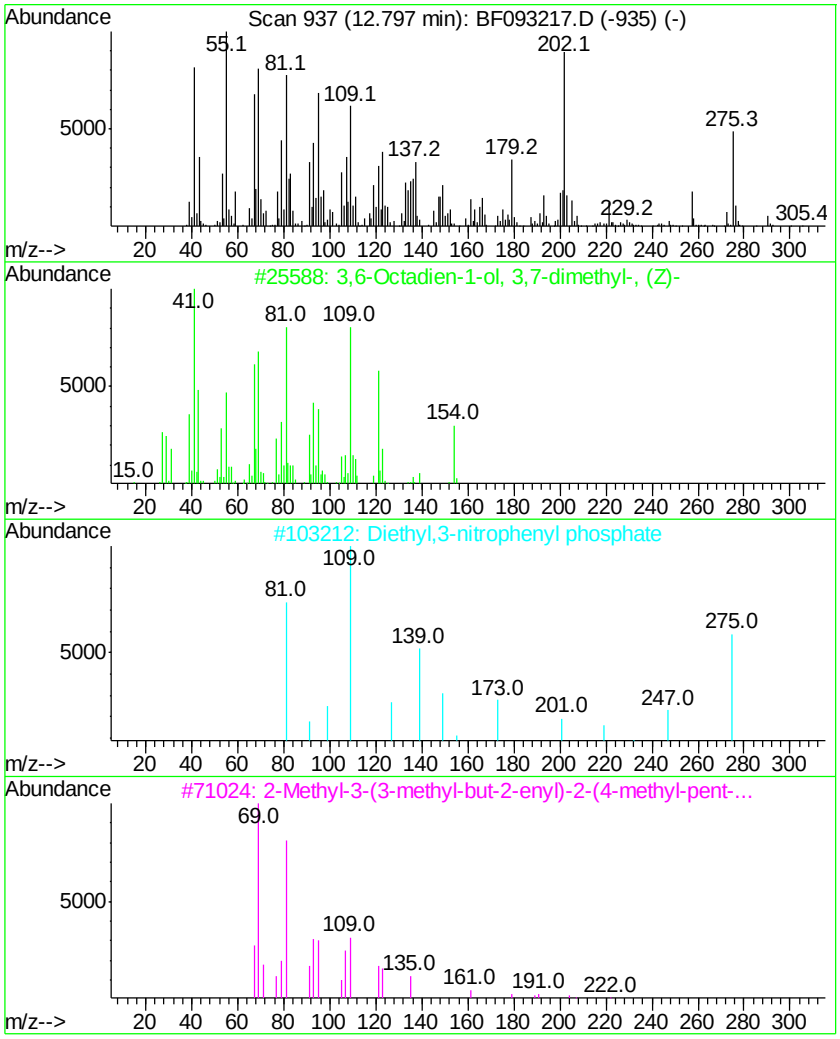
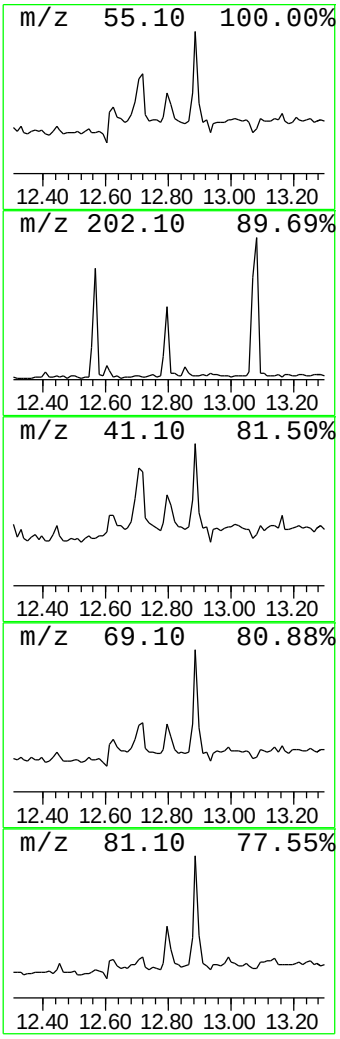
Peak Number 13 3,6-Octadien-1-ol, 3,7-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	40.95 ng	1648200	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	005944-20-7	62
2	Diethyl,3-nitrophenyl phosphate	275	C10H14NO6P	004532-06-3	35
3	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	25
4	2,2-Dimethyl-6-methylene-1-[3,5-...	256	C14H24O4	1000212-02-6	14
5	2(1H)-Naphthalenone, 4a,5,6,7,8,...	178	C12H18O	013485-66-0	14





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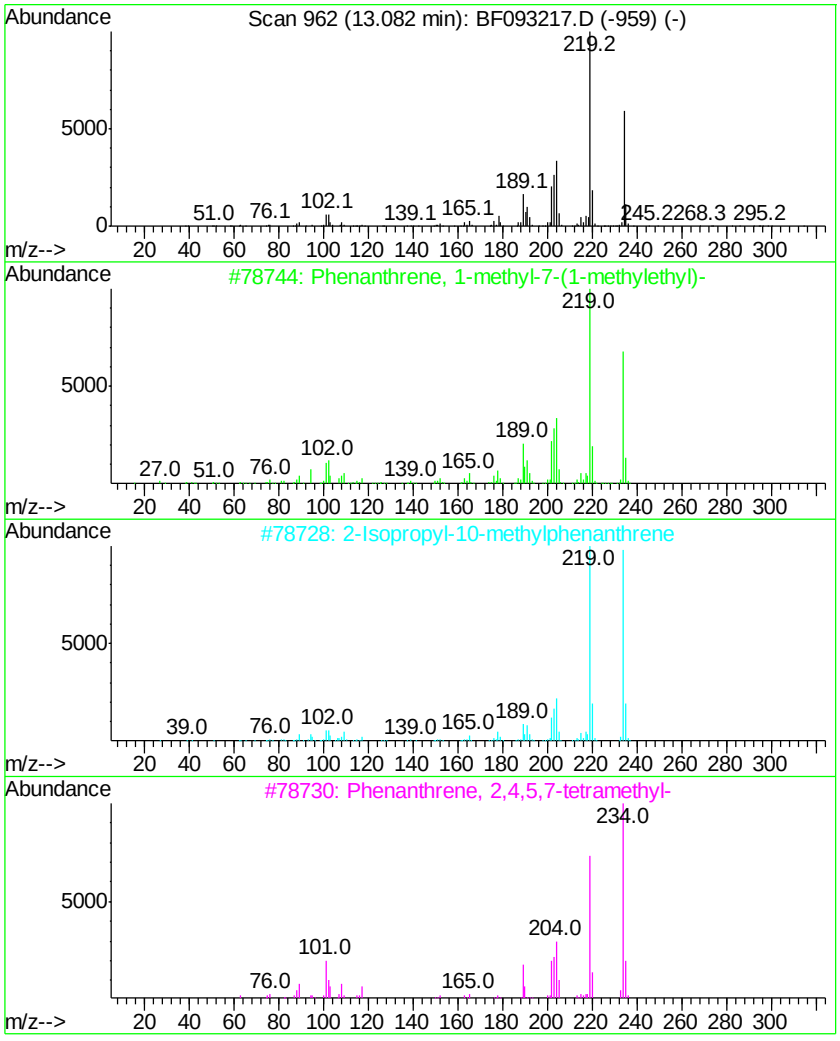
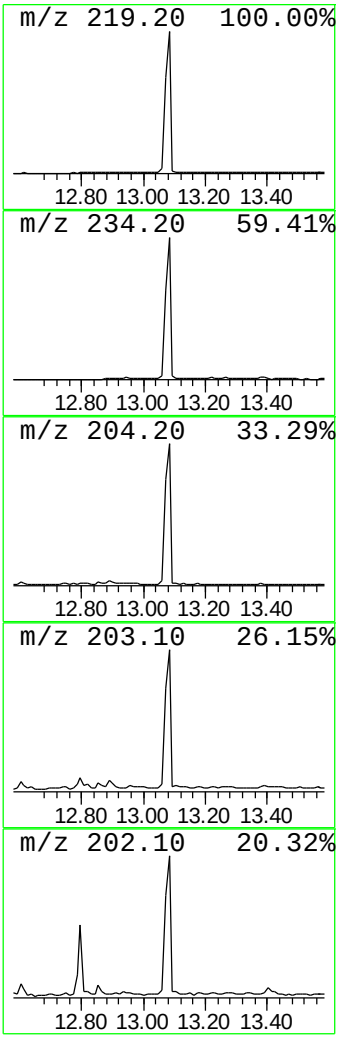
Peak Number 14 Phenanthrene, 1-methyl-7-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	48.12 ng	1936510	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	50
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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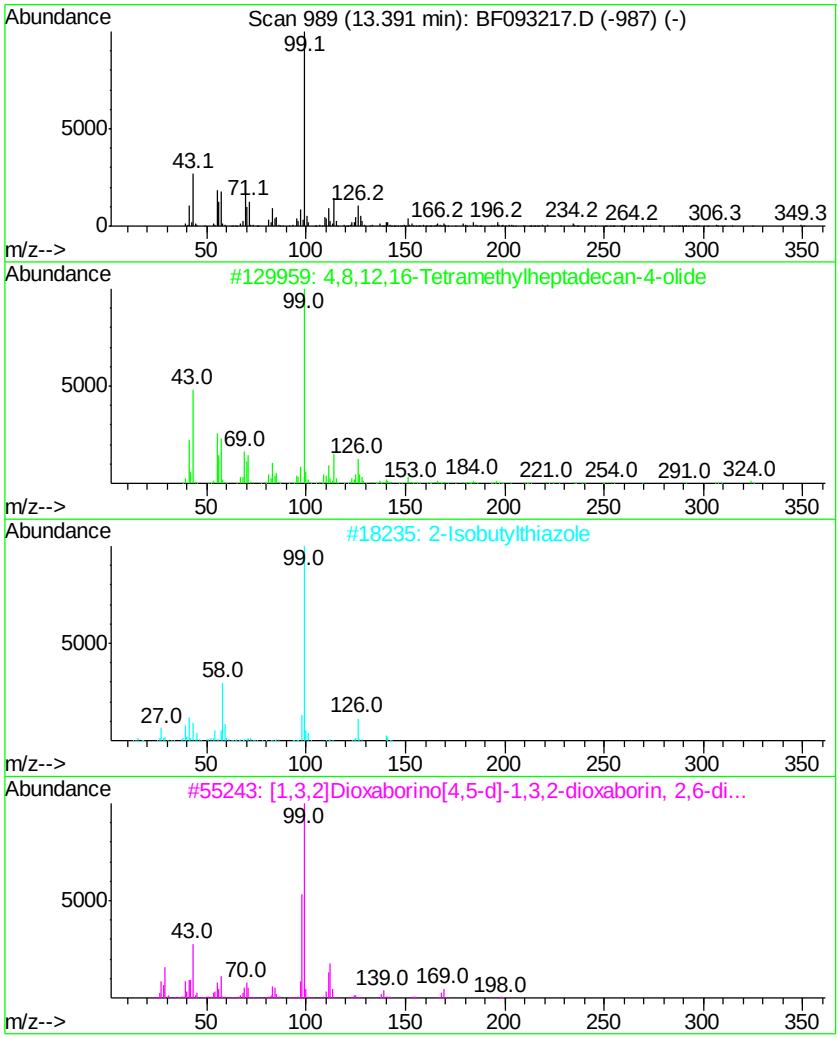
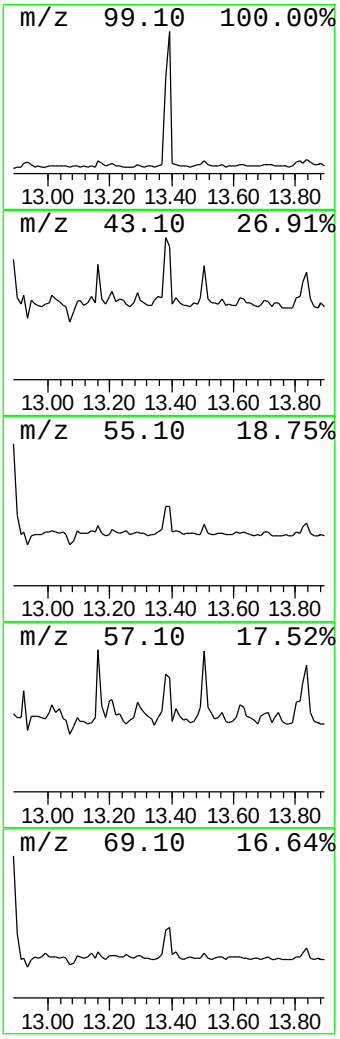
Peak Number 15 4,8,12,16-Tetramethylheptad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	24.71 ng	994522	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	90
2	2-Isobutylthiazole	141	C7H11NS	018640-74-9	53
3	[1,3,2]Dioxaborino[4,5-d]-1,3,2-...	198	C8H16B2O4	074793-08-1	53
4	Phosphonofluoridic acid, methyl-...	224	C10H22FO2P	211192-74-4	47
5	2(3H)-Furanone, 5-ethyldihydro-5...	128	C7H12O2	002865-82-9	47





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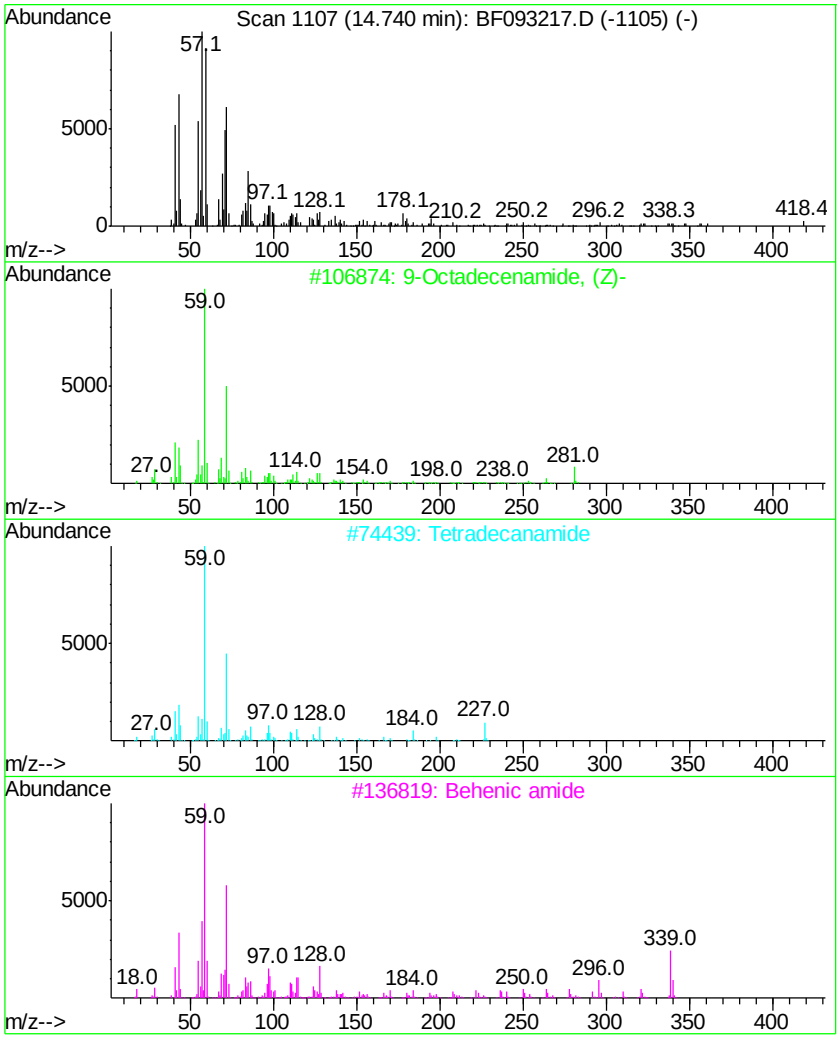
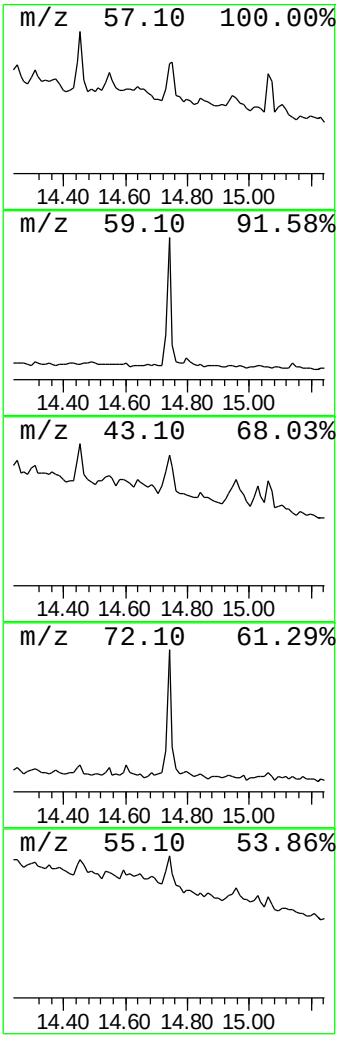
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	12.10 ng	531918	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
2	Tetradecanamide	227	C14H29NO	000638-58-4	58
3	Behenic amide	339	C22H45NO	003061-75-4	38
4	Undecane	156	C11H24	001120-21-4	35
5	Dodecane	170	C12H26	000112-40-3	25





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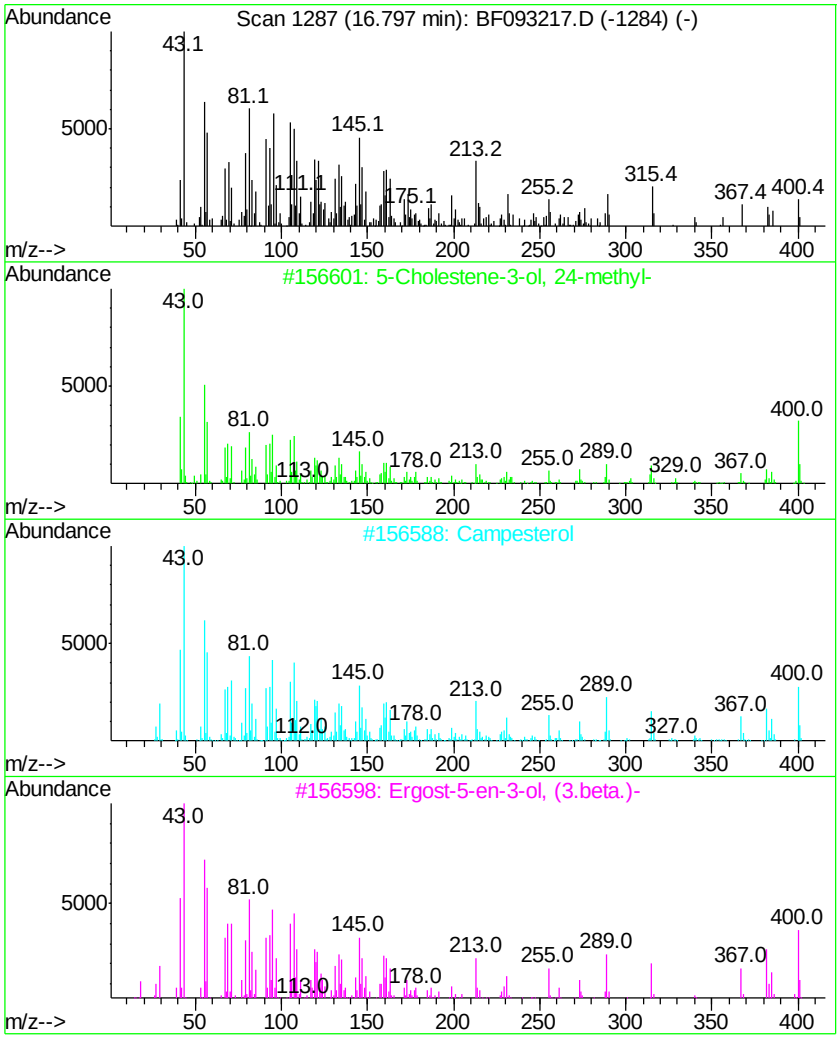
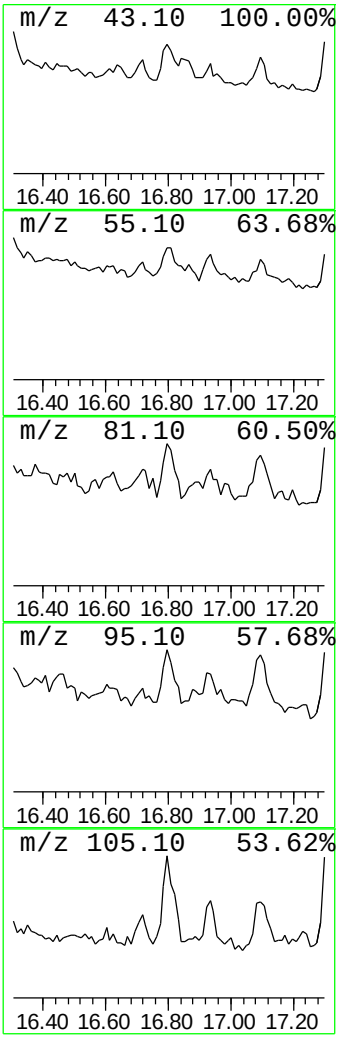
Peak Number 17 5-Cholestene-3-ol, 24-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	11.85 ng	520943	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	95
2	Campesterol	400	C28H48O	000474-62-4	93
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	83
4	7-Ergostenol	400	C28H48O	116179-22-7	70
5	Ergost-22-en-3-ol, (3.beta.,5.al...	400	C28H48O	036422-25-0	43





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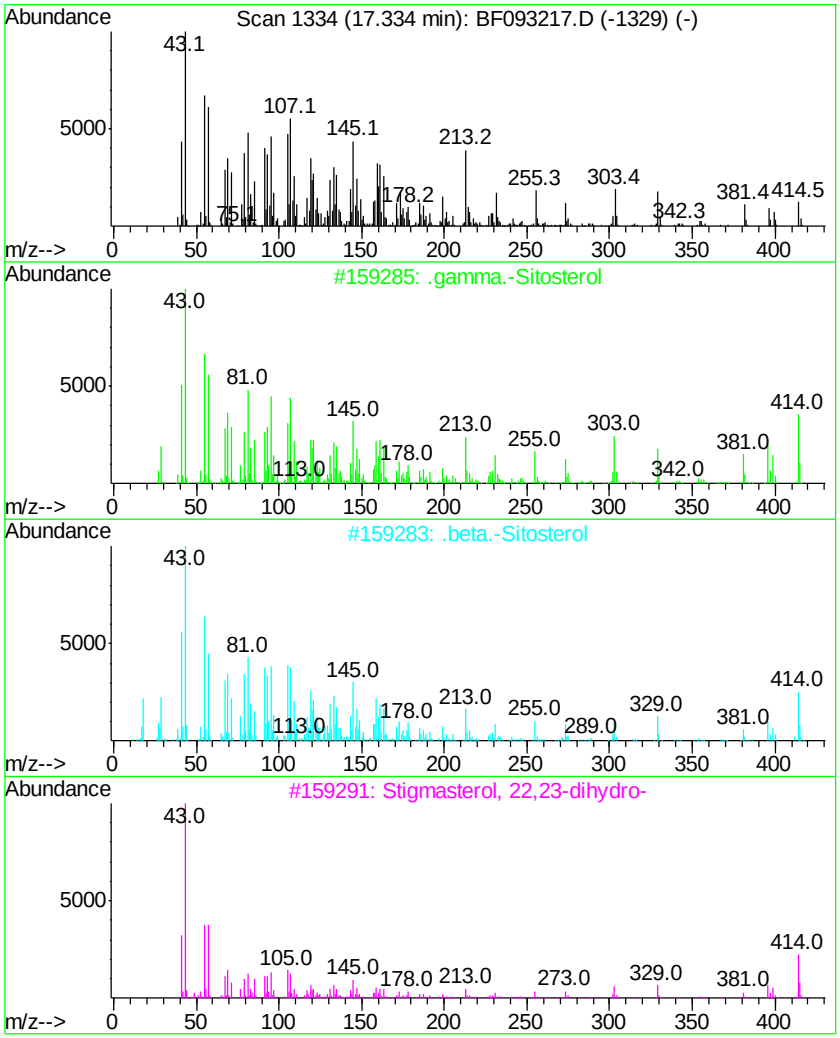
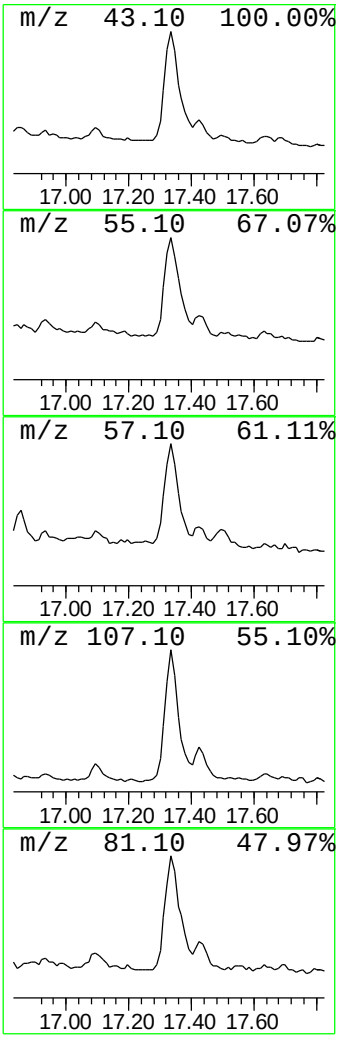
Peak Number 18 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	87.73 ng	3855970	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	90
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	64
5	Campesterol	400	C28H48O	000474-62-4	58





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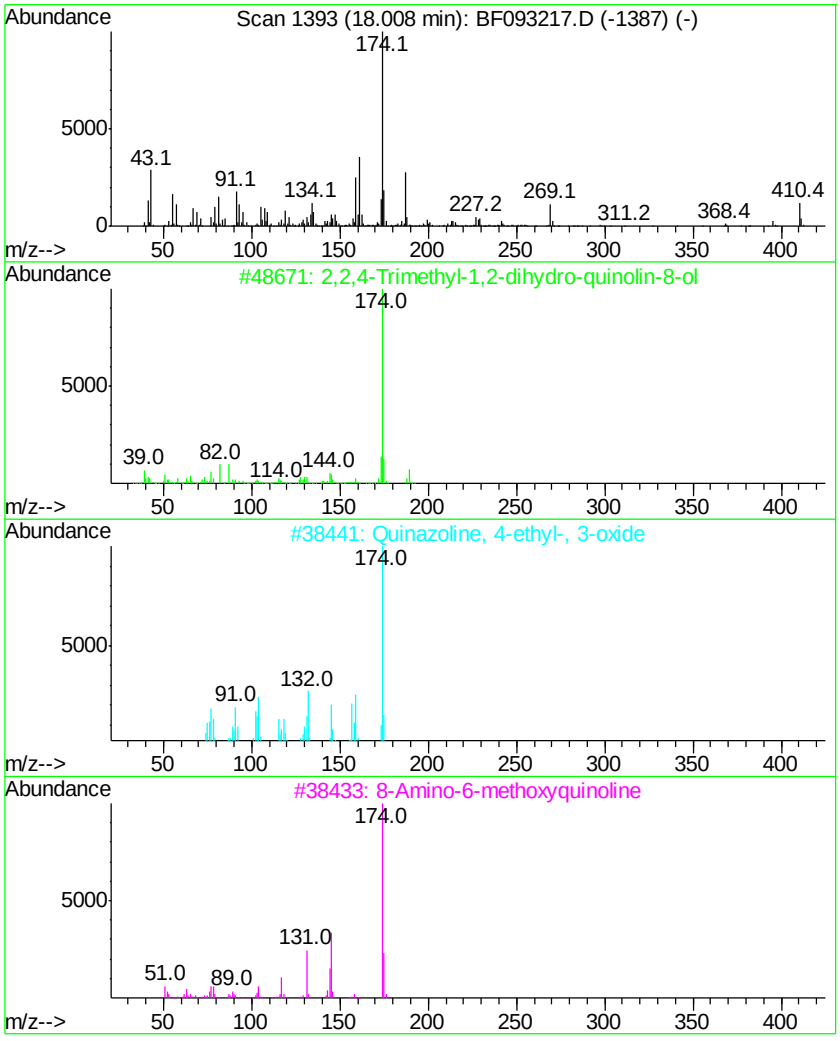
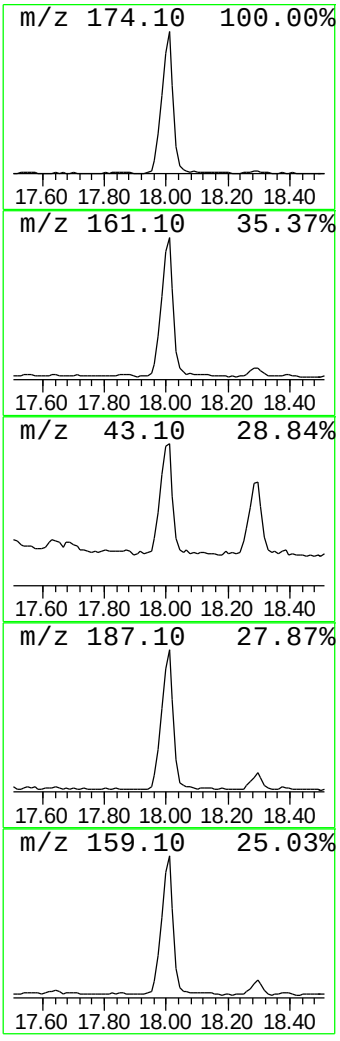
Peak Number 19 unknown18.01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	65.46 ng	2877210	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,2-dihydro-quin...	189	C12H15NO	117330-56-0	43
2	Quinazoline, 4-ethyl-, 3-oxide	174	C10H10N2O	037920-74-4	43
3	8-Amino-6-methoxyquinoline	174	C10H10N2O	000090-52-8	38
4	4-.beta.-d-Lyxofuranosyl-2-phenyl...	277	C13H15N3O4	1000072-76-0	37
5	7-Methoxy-1-naphthol	174	C11H10O2	067247-13-6	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

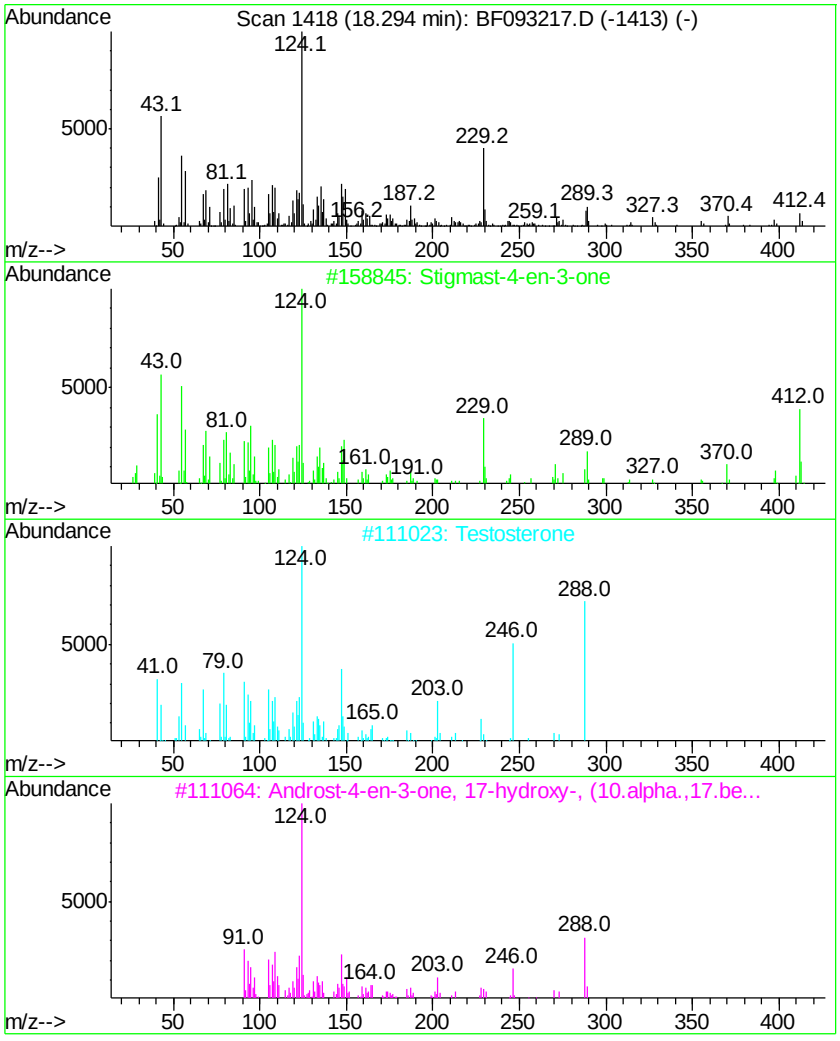
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

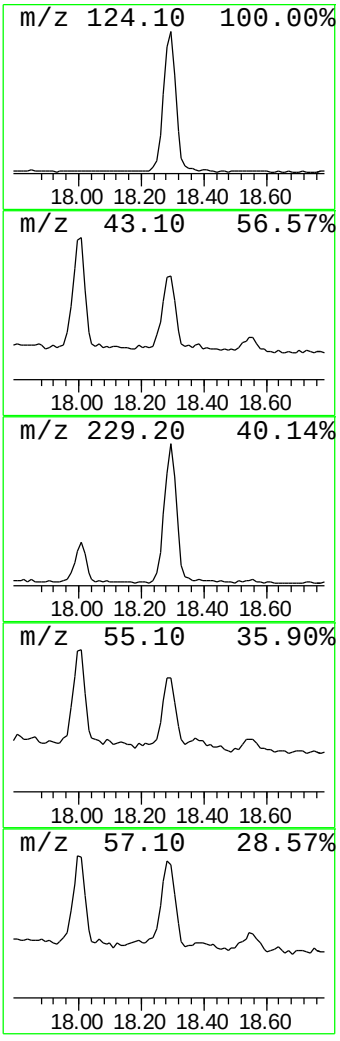
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	37.38 ng	1642920	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	98
2	Testosterone	288	C19H28O2	000058-22-0	49
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	45
4	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	38
5	Bicyclo[2.2.2]octane-1,4-diol, d...	226	C12H18O4	010364-35-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093217.D
Acq On : 27 Feb 2017 21:07
Operator : SJ/MA
Sample : I1996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA6-SWN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	4.98	23.4	ng	1418970	1	6.82	1210560	20.0
unknown6.59	6.59	54.6	ng	3303440	1	6.82	1210560	20.0
Naphthalene, 1-me...	8.92	28.9	ng	2538300	2	8.10	1759060	20.0
Naphthalene, 2,6-...	9.45	15.2	ng	1088600	3	9.86	1432050	20.0
Naphthalene, 1,6-...	9.52	13.9	ng	992098	3	9.86	1432050	20.0
Tetradecanoic acid	11.05	23.2	ng	1906650	4	11.35	1645900	20.0
n-Hexadecanoic acid	11.99	325.2	ng	26763000	4	11.35	1645900	20.0
unknown12.07	12.07	27.8	ng	2291390	4	11.35	1645900	20.0
10,18-Bisnorabiet...	12.10	43.3	ng	3566340	4	11.35	1645900	20.0
4b,8-Dimethyl-2-i...	12.29	37.1	ng	3056840	4	11.35	1645900	20.0
Octadecanoic acid	12.72	60.2	ng	2424270	5	14.00	804942	20.0
3,6-Octadien-1-ol...	12.80	41.0	ng	1648200	5	14.00	804942	20.0
Phenanthrene, 1-m...	13.08	48.1	ng	1936510	5	14.00	804942	20.0
4,8,12,16-Tetrame...	13.39	24.7	ng	994522	5	14.00	804942	20.0
9-Octadecenamide,...	14.74	12.1	ng	531918	6	15.41	879045	20.0
5-Cholestene-3-ol...	16.80	11.9	ng	520943	6	15.41	879045	20.0
.gamma.-Sitosterol	17.33	87.7	ng	3855970	6	15.41	879045	20.0
unknown18.01	18.01	65.5	ng	2877210	6	15.41	879045	20.0
Stigmast-4-en-3-one	18.29	37.4	ng	1642920	6	15.41	879045	20.0