LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

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-BF112316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.755	4	6	17	rVB2	1865875	3170815	45.02%	2.304%
2	1.904	17	19	41	rVB	2797515	5674028	80.57%	4.122%
3	2.178	41	43	57	rVB2	84797	234303	3.33%	0.170%
4	5.070	293	296	302	rBV	1339305	2035333	28.90%	1.479%
5	5.481	329	332	335	rVB	4387454	5214544	74.04%	3.788%
6	6.510	418	422	424	rBV	4592992	6281224	89.19%	4.563%
7	6.647	431	434	436	rVB	5471420	5669548	80.50%	4.119%
8	6.876	452	454	457	rBV	1716642	1449612	20.58%	1.053%
9	7.036	465	468	470	rVB	4663293	4184975	59.42%	3.040%
10	7.436	500	503	505	rBV	2746228	3438942	48.83%	2.498%
11	7.482	505	507	509	rVB	761034	696553	9.89%	0.506%
12	8.167	564	567	569	rBV	1440907	2007245	28.50%	1.458%
13	9.242	658	661	663	rVB	5632410	5246566	74.50%	3.812%
14	9.630	694	695	699	rVV	338888	314684	4.47%	0.229%
15	9.836	711	713	717	rVB2	349414	379677	5.39%	0.276%
16	9.916	718	720	722	rVV	2461672	2108883	29.94%	1.532%
17	9.950	722	723	724	rVB	426123	293311	4.16%	0.213%
18	10.122	736	738	740	rBV	388727	347071	4.93%	0.252%
19	10.362	752	759	761	rBV2	148854	230606	3.27%	0.168%
20	10.465	765	768	770	rVB	633634	622953	8.85%	0.453%
21	10.625	779	782	784	rVB	136148	174748	2.48%	0.127%
22	10.705	786	789	791	rBV	3809631	3853237	54.71%	2.799%
23	10.831	797	800	804	rBV	274431	310053	4.40%	0.225%
24	11.013	812	816	819	rBV4	103755	229126	3.25%	0.166%
25	11.139	824	827	831	rVV3	96338	227318	3.23%	0.165%
26	11.196	831	832	835	rVB	245557	304343	4.32%	0.221%
27	11.299	835	841	844	rBV3	349296	729669	10.36%	0.530%
28	11.402	847	850	851	rVV	1938222	2345349	33.30%	1.704%
29	11.425	851	852	854	rVV	4453035	5869524	83.34%	4.264%
30	11.471	854	856	858	rVV	1007952	1476348	20.96%	1.073%
31	11.505	858	859	861	rVB	201352	180059	2.56%	0.131%
32	11.631	867	870	871	rBV2	489944	764979	10.86%	0.556%
33	11.699	874	876	878	rVV3	157327	216865	3.08%	0.158%
34	11.871	888	891	892	rBV2	158980	270727	3.84%	0.197%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

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-BF112316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.905	892	894	895	rVV	703954	888019	12.61%	0.645%
36	11.939	895	897	899	rVV2	1275100	1854588	26.33%	1.347%
37	11.973	899	900	902	rVV	296744	312222	4.43%	0.227%
38	12.008	902	903	907	rVV	850307	1333446	18.93%	0.969%
39	12.111	907	912	915	rVV3	113022	303867	4.31%	0.221%
40	12.214	918	921	923	rVB2	440531	792766	11.26%	0.576%
41	12.454	940	942	943	rBV	217189	265210	3.77%	0.193%
42	12.488	943	945	948	rVV3	121958	259020	3.68%	0.188%
43	12.534	948	949	953	rVV	239896	259340	3.68%	0.188%
44	12.614	953	956	958	rVV	4702140	7042683	100.00%	5.116%
45	12.648	958	959	963	rVV3	408381	775933	11.02%	0.564%
46	12.716	963	965	968	rVV4	303619	667331	9.48%	0.485%
47	12.762	968	969	973	rVV	278500	267595	3.80%	0.194%
48	12.842	973	976	979	rVV	4358002	6056614	86.00%	4.400%
49	12.888	979	980	983	rVB2	232344	208653	2.96%	0.152%
50	12.956	984	986	987	rBV	324600	315023	4.47%	0.229%
51	12.991	987	989	991	rVB	4201393	4188531	59.47%	3.043%
52	13.059	991	995	999	rBV3	277155	570878	8.11%	0.415%
53	13.162	999	1004	1006	rBV2	553665	916256	13.01%	0.666%
54	13.196	1006	1007	1009	rBV	465037	488651	6.94%	0.355%
55	13.231	1009	1010	1012	rVV	705169	594587	8.44%	0.432%
56	13.265	1012	1013	1015	rVV	353045	404851	5.75%	0.294%
57	13.562	1036	1039	1043	rBV6	139637	446144	6.33%	0.324%
58	13.665	1045	1048	1051	rVB	364512	464489	6.60%	0.337%
59	13.779	1056	1058	1060	rVV	448427	620486	8.81%	0.451%
60	13.814	1060	1061	1062	rVV	387958	399450	5.67%	0.290%
61	13.837	1062	1063	1065	rVV2	346469	492878	7.00%	0.358%
62	13.882	1065	1067	1070	rVV3	577427	1035157	14.70%	0.752%
63	13.951	1070	1073	1076	rVV2	153876	278831	3.96%	0.203%
64	14.031	1076	1080	1082	rVV2	2819352	4932074	70.03%	3.583%
65	14.065	1082	1083	1085	rVV	2149473	1673951	23.77%	1.216%
66	14.134	1085	1089	1091	rVV	347868	663542	9.42%	0.482%
67	14.214	1093	1096	1098	rVV3	246667	470139	6.68%	0.342%
68	14.248	1098	1099	1101	rVV2	257258	352115	5.00%	0.256%
69	14.339	1105	1107	1110	rBV2	289787	369785	5.25%	0.269%
70	14.419	1110	1114	1115	rVV	334692	456452	6.48%	0.332%
71	14.454	1115	1117	1119	rVV2	231143	230711	3.28%	0.168%

LSC Area Percent Report

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Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

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-BF112316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.522	1119	1123	1125	rVV2	744461	1093991	15.53%	0.795%
73	14.717	1138	1140	1145	rBV4	141657	372394	5.29%	0.271%
74	14.797	1145	1147	1153	rBV3	284762	483048	6.86%	0.351%
75	14.899	1153	1156	1160	rVB2	296806	411361	5.84%	0.299%
76	14.968	1160	1162	1164	rBV	1316011	1391692	19.76%	1.011%
77	15.059	1167	1170	1175	rBV	1680277	3978861	56.50%	2.891%
78	15.174	1176	1180	1183	rBV	1466956	2278752	32.36%	1.655%
79	15.357	1193	1196	1199	rVB	1145376	1513477	21.49%	1.100%
80	15.414	1199	1201	1204	rBV	1410822	1905309	27.05%	1.384%
81	15.471	1204	1206	1208	rBV	805221	1347419	19.13%	0.979%
82	15.631	1217	1220	1224	rBV4	97598	293845	4.17%	0.213%
83	15.734	1226	1229	1232	rVV	1031936	1714758	24.35%	1.246%
84	15.962	1246	1249	1251	rBV	421560	770005	10.93%	0.559%
85	16.008	1251	1253	1258	rVB2	626158	1088950	15.46%	0.791%
86	16.340	1279	1282	1287	rBV4	230246	478213	6.79%	0.347%
87	16.465	1290	1293	1295	rVV2	91994	178388	2.53%	0.130%
88	16.568	1295	1302	1303	rVV4	85963	297900	4.23%	0.216%
89	16.602	1303	1305	1310	rVB2	140797	289432	4.11%	0.210%
90	16.728	1311	1316	1319	rBV4	240312	689795	9.79%	0.501%
91	16.888	1327	1330	1340	rVB2	743834	2083901	29.59%	1.514%
92	17.060	1340	1345	1346	rBV2	184040	569391	8.08%	0.414%
93	17.117	1347	1350	1353	rVB3	168769	385641	5.48%	0.280%
94	17.323	1364	1368	1376	rVB	577808	1400786	19.89%	1.018%
95	17.483	1377	1382	1385	rBV3	504006	1234412	17.53%	0.897%
96	17.540	1385	1387	1389	rVB	111074	179531	2.55%	0.130%
97	17.871	1413	1416	1419	rVV3	82969	212953	3.02%	0.155%
98	17.974	1421	1425	1429	rVB	635430	1581630	22.46%	1.149%
99	18.477	1466	1469	1478	rVB5	127453	416343	5.91%	0.302%
100	19.494	1551	1558	1562	rBV2	201375	801328	11.38%	0.582%

Sum of corrected areas: 137648992

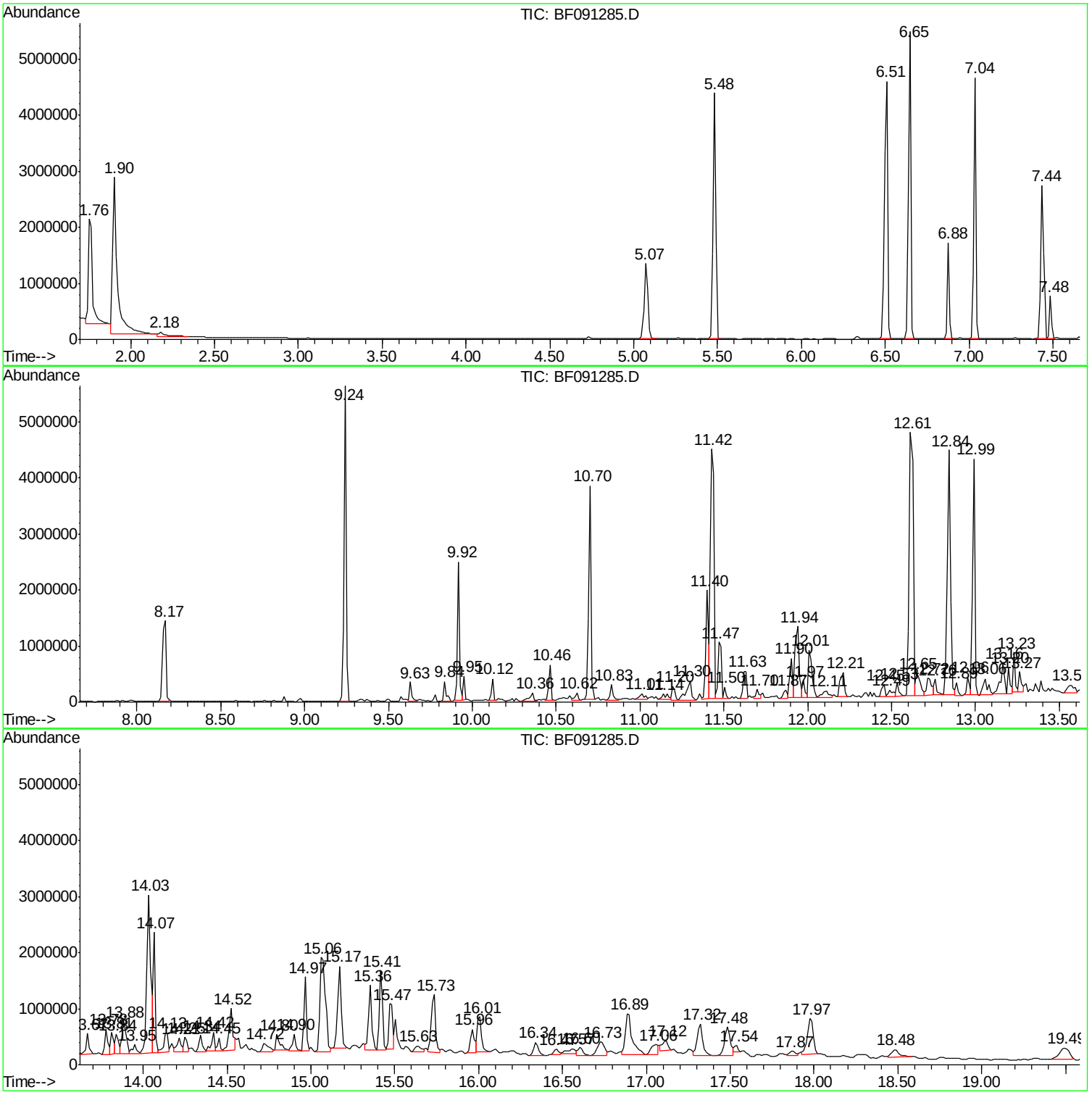
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

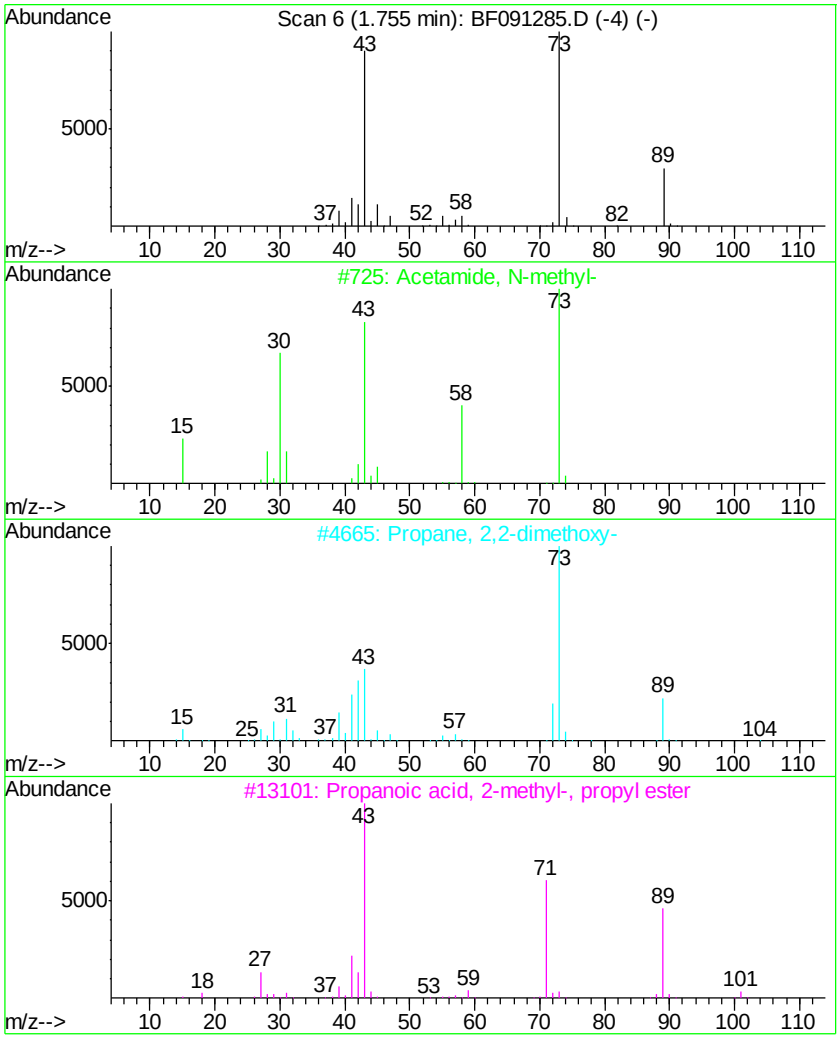
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

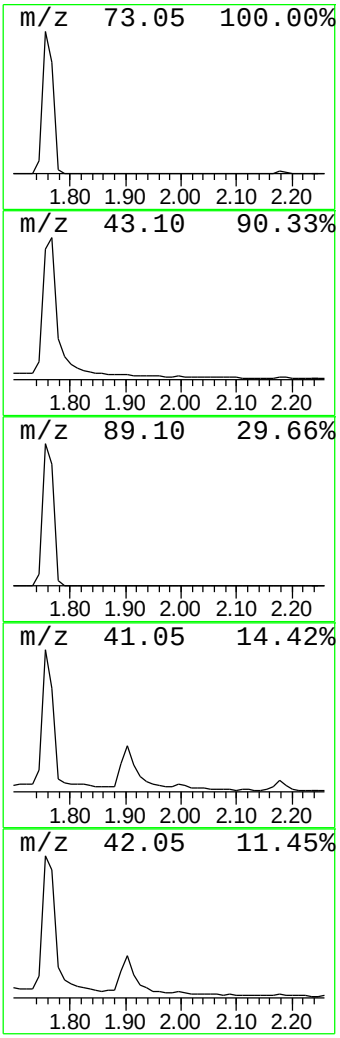
****

Peak Number 1 Acetamide, N-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	43.75 ng	3170820	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	50
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	25
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
5	Isobutane	58	C4H10	000075-28-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

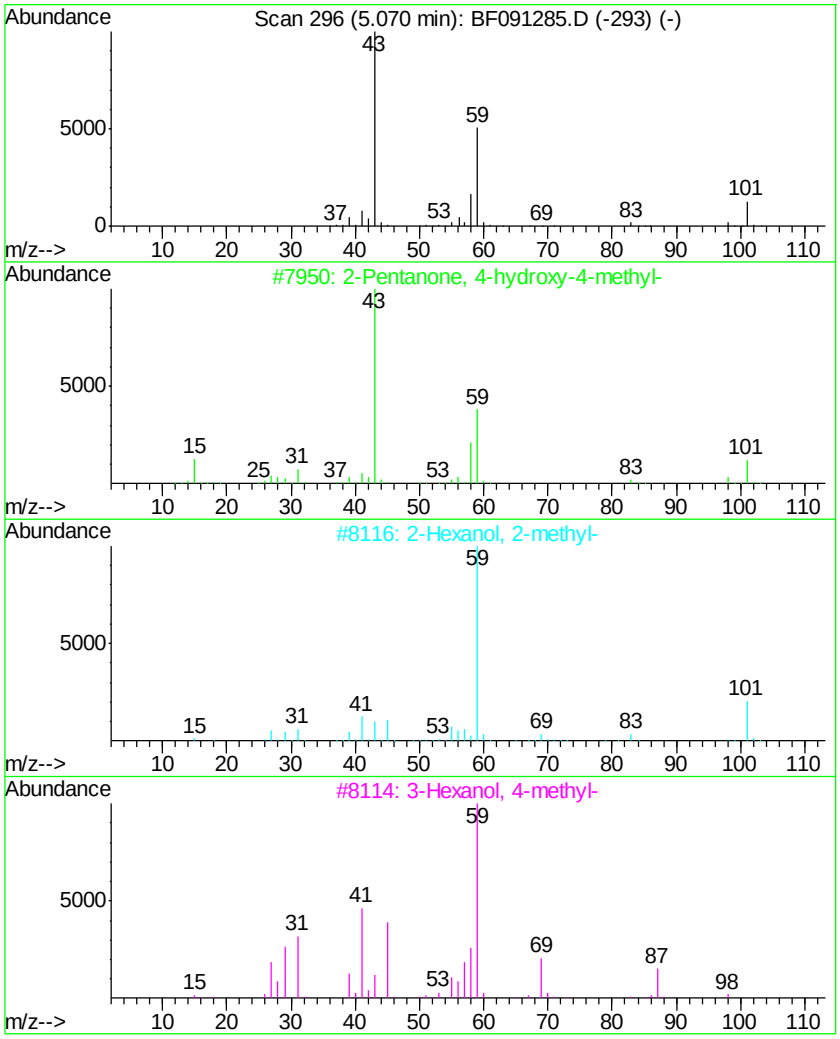
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

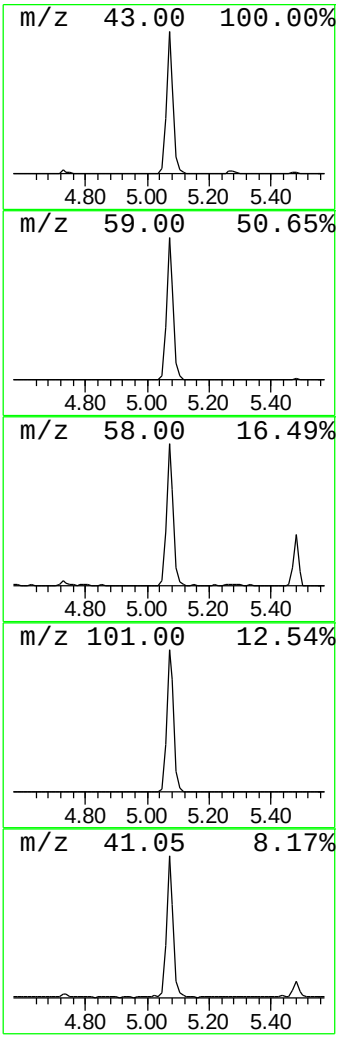
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	28.08 ng	2035330	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

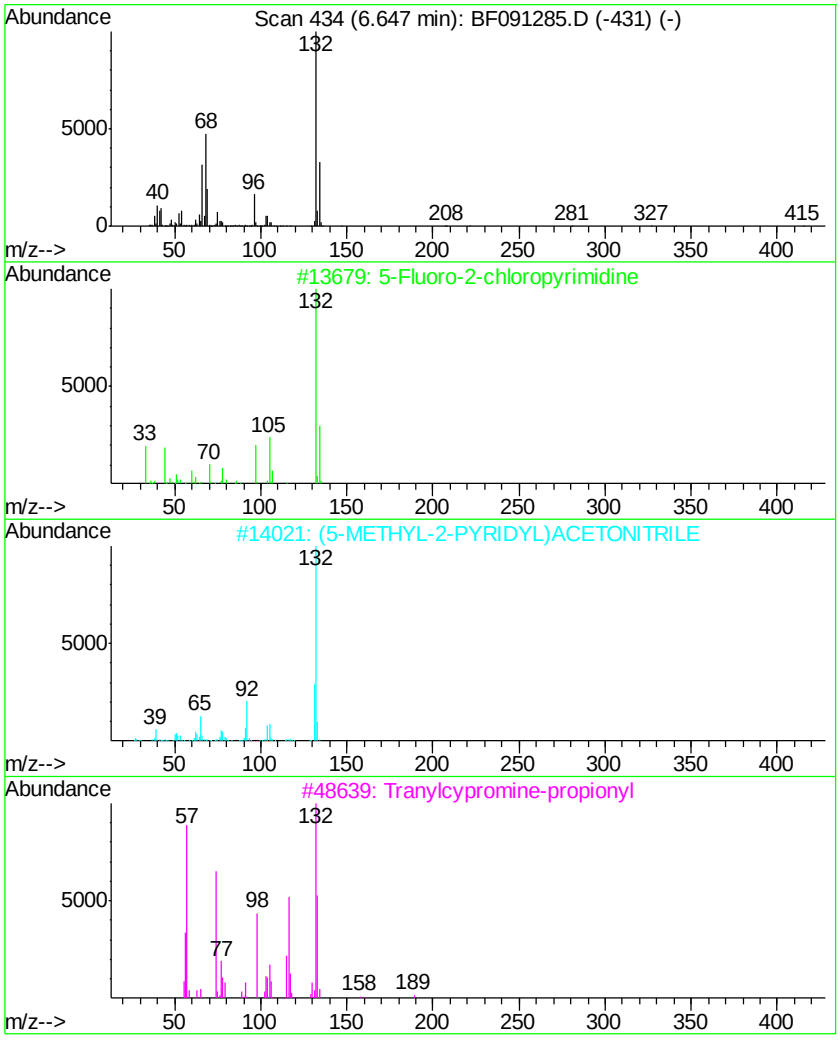
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

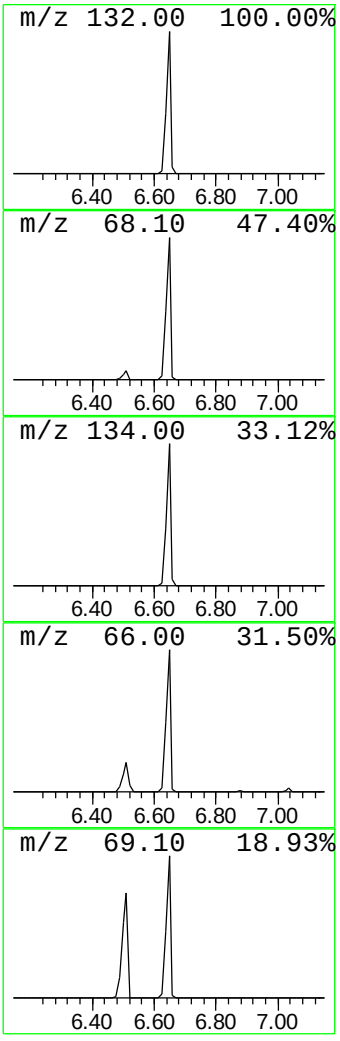
****

Peak Number 4 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	78.22 ng	5669550	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

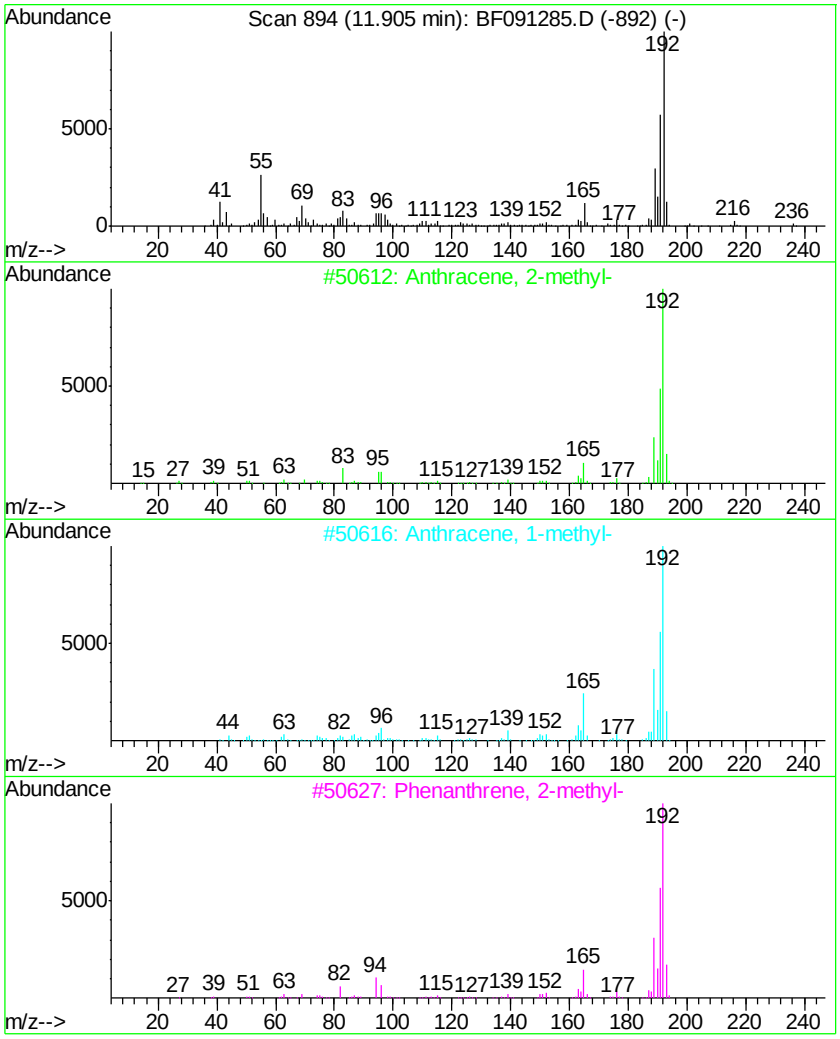
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

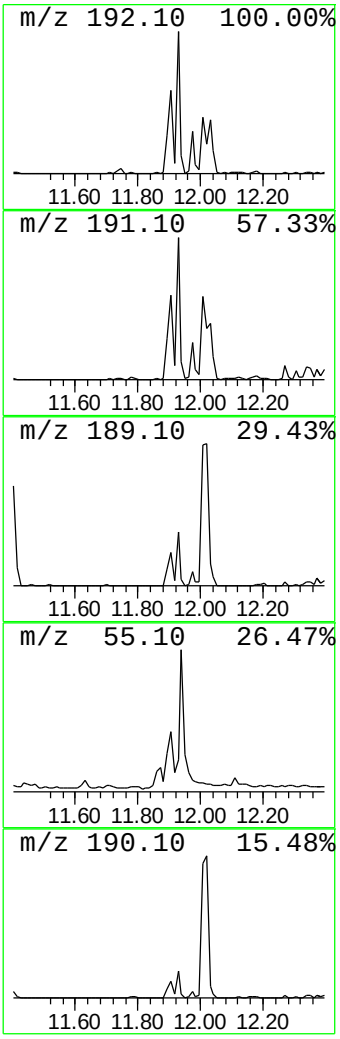
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.57 ng	888019	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

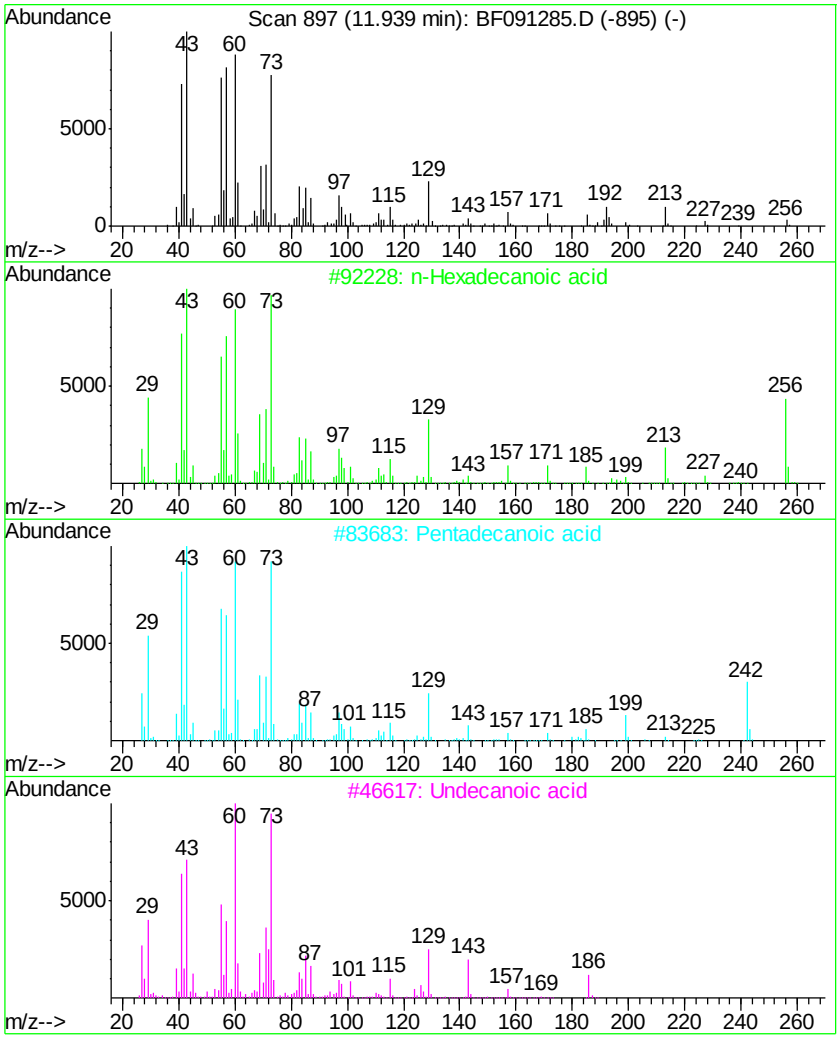
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

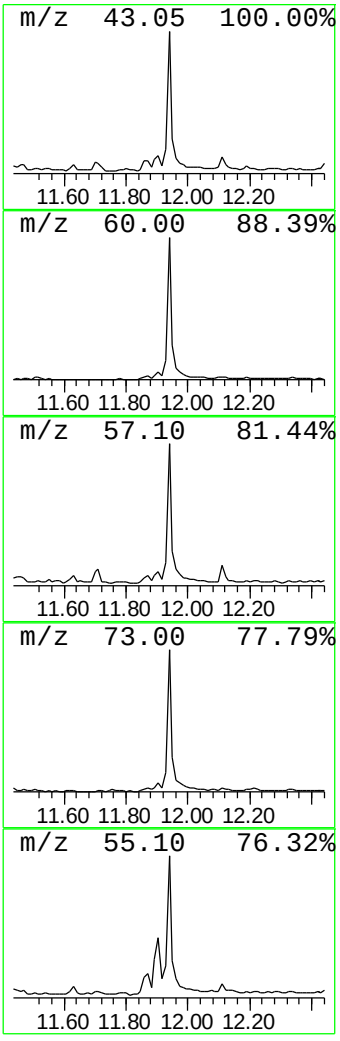
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	15.82 ng	1854590	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





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Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : SB-01(0-0.16)

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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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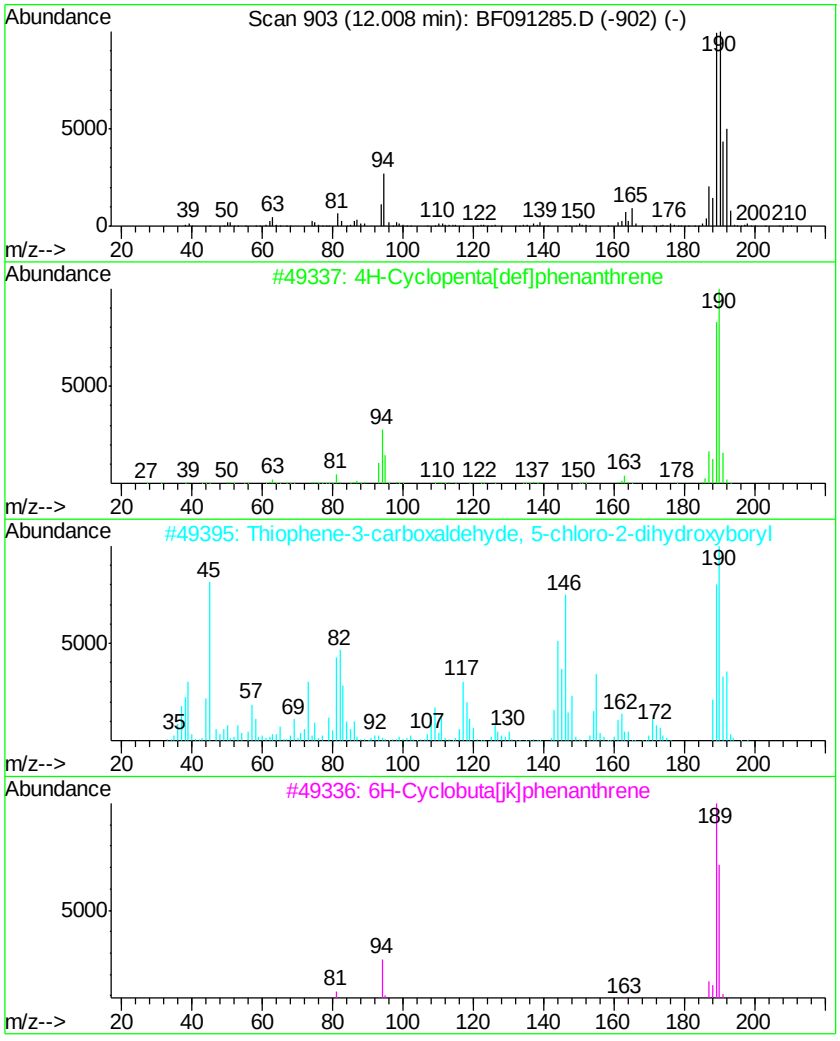
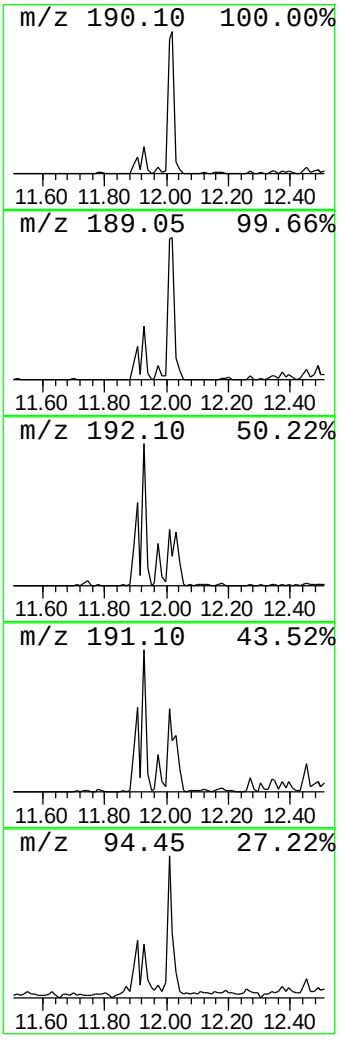
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	11.37 ng	1333450	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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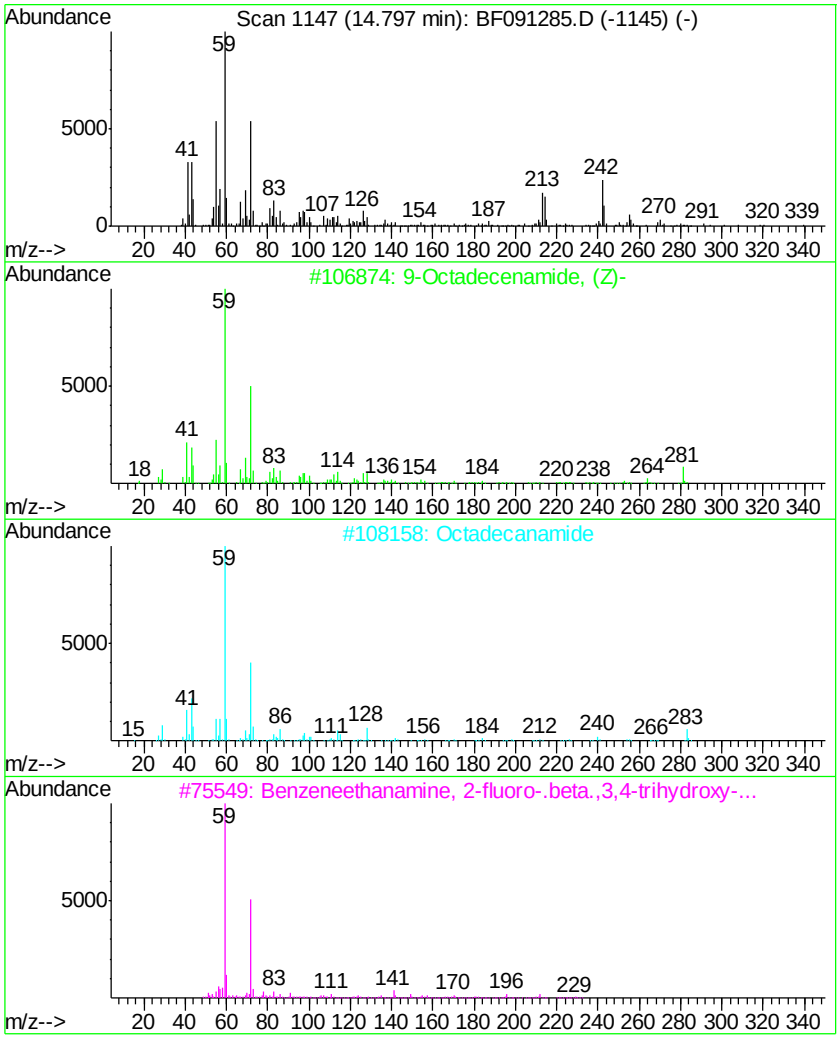
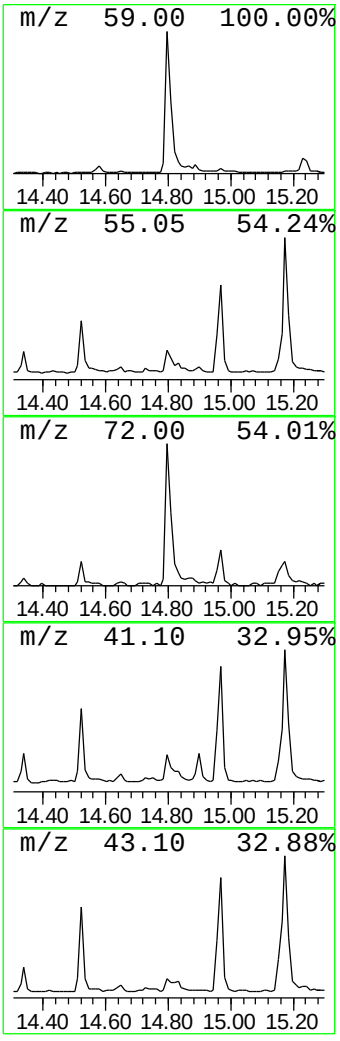
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.17 ng	483048	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	92
2	Octadecanamide	283	C18H37NO	000124-26-5	58
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
4	Hexadecanamide	255	C16H33NO	000629-54-9	49
5	7-Nonenamide	155	C9H17NO	090949-53-4	43





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ALS Vial : 8 Sample Multiplier: 1

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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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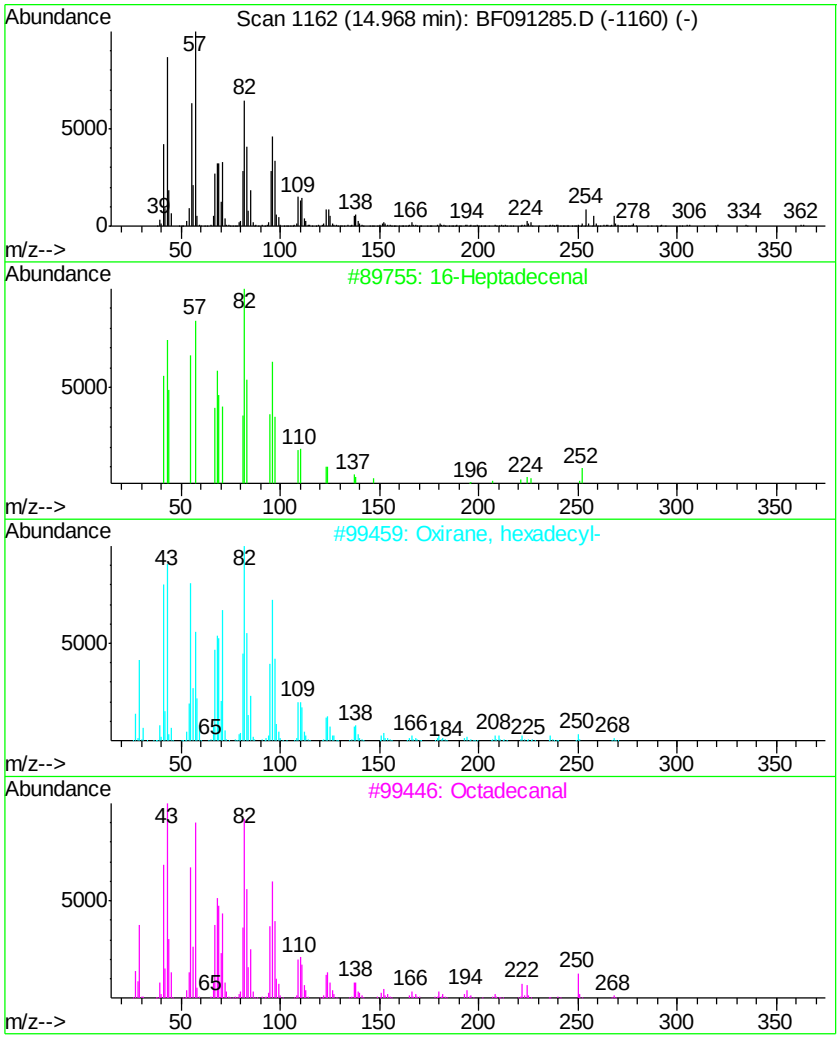
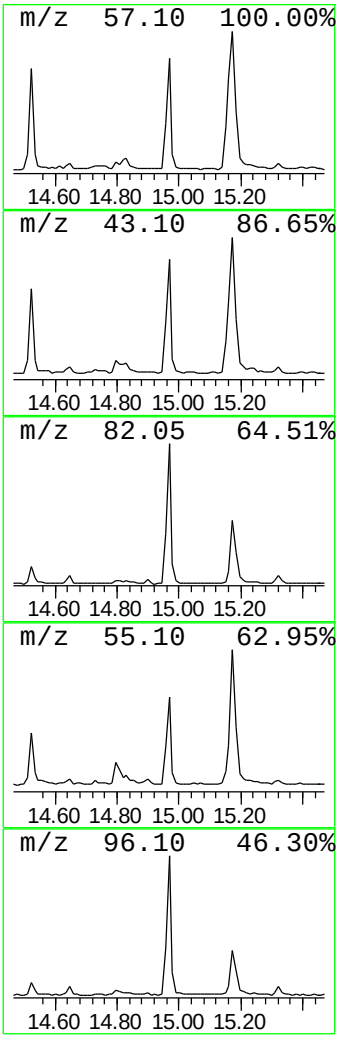
Peak Number 10 16-Heptadecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	20.66 ng	1391690	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Octadecanal	268	C18H36O	000638-66-4	90
4	1,19-Eicosadiene	278	C20H38	014811-95-1	90
5	Pentadecanal-	226	C15H30O	002765-11-9	87





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Operator : UM/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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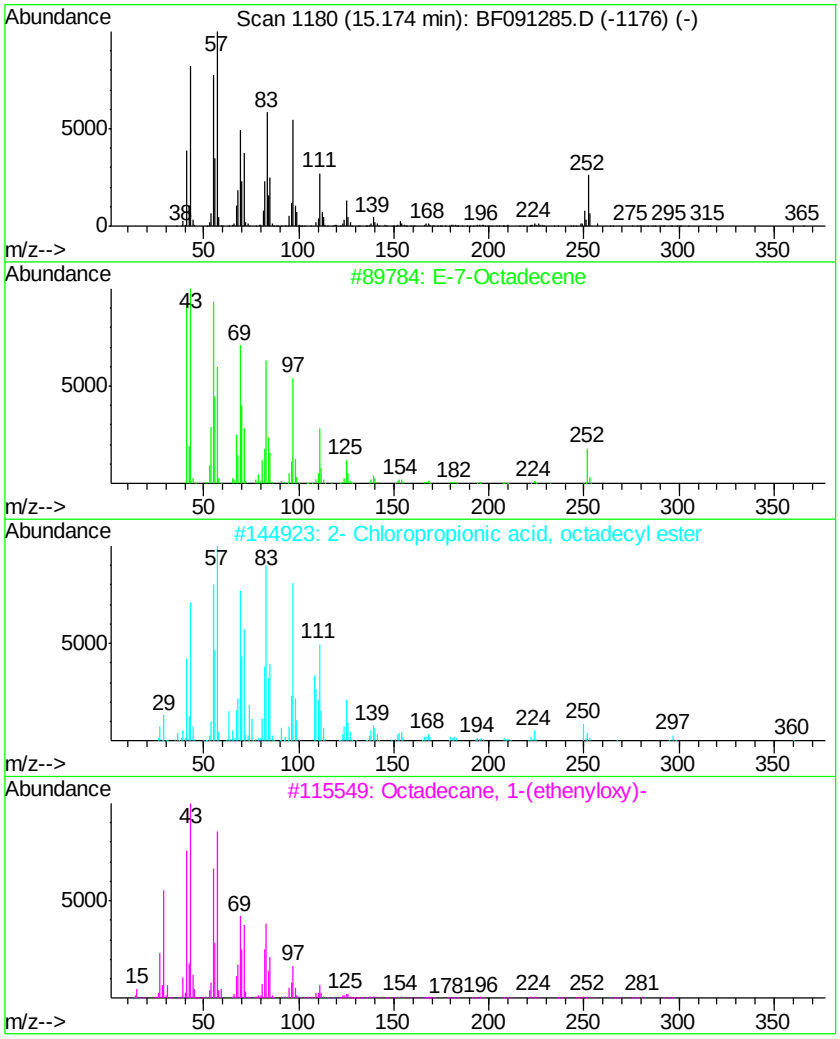
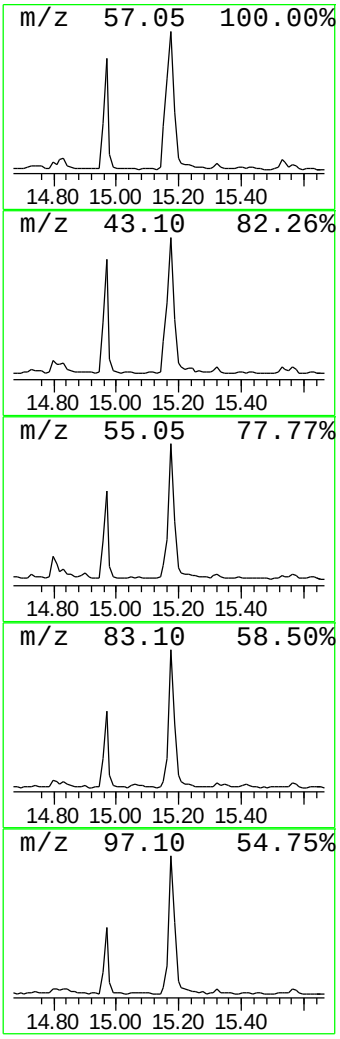
Peak Number 11 E-7-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	33.82 ng	2278750	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	83
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	83
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76





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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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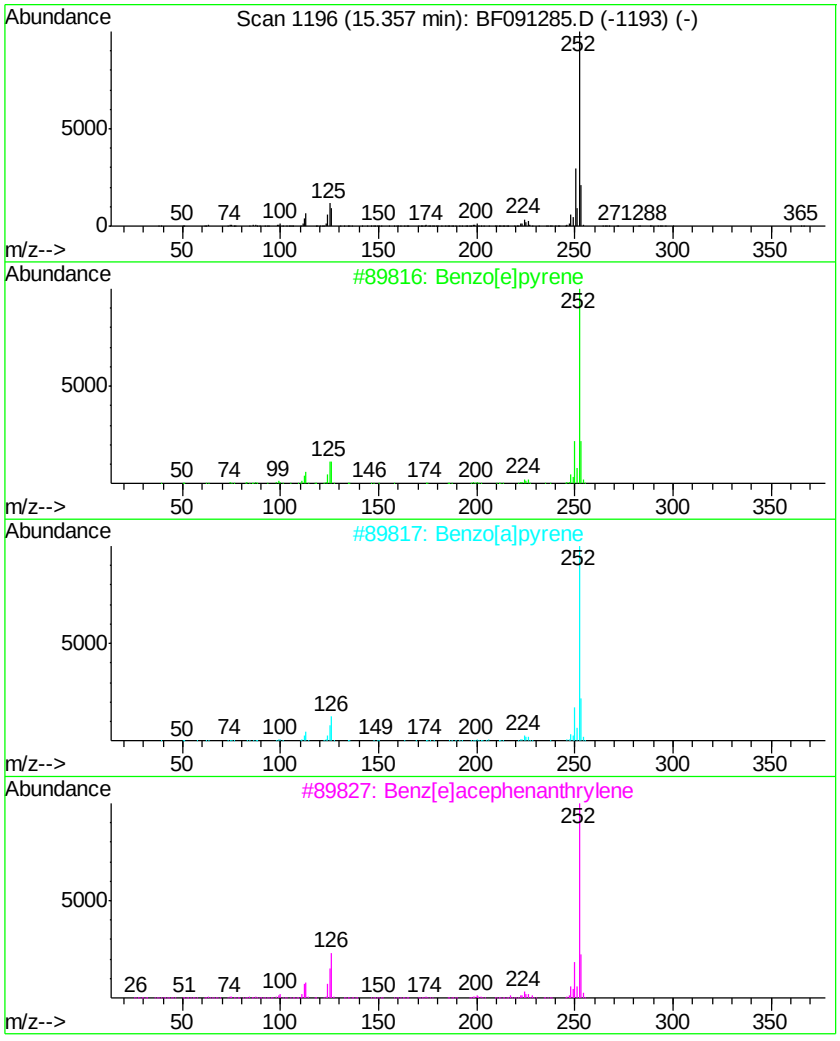
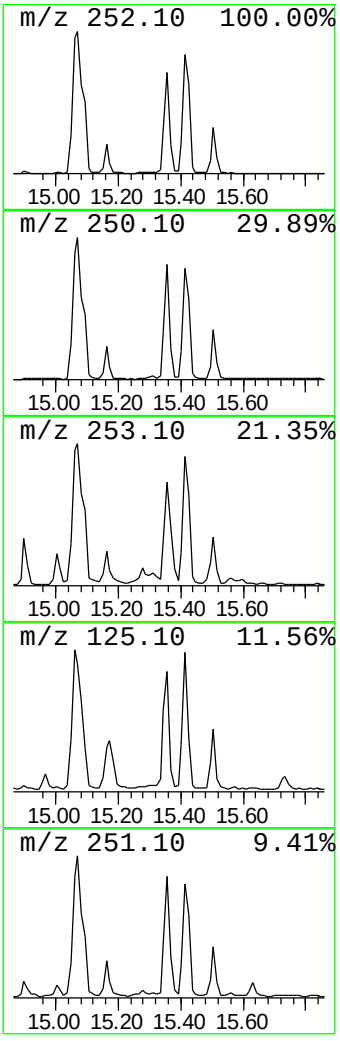
Peak Number 12 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	22.46 ng	1513480	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Misc :
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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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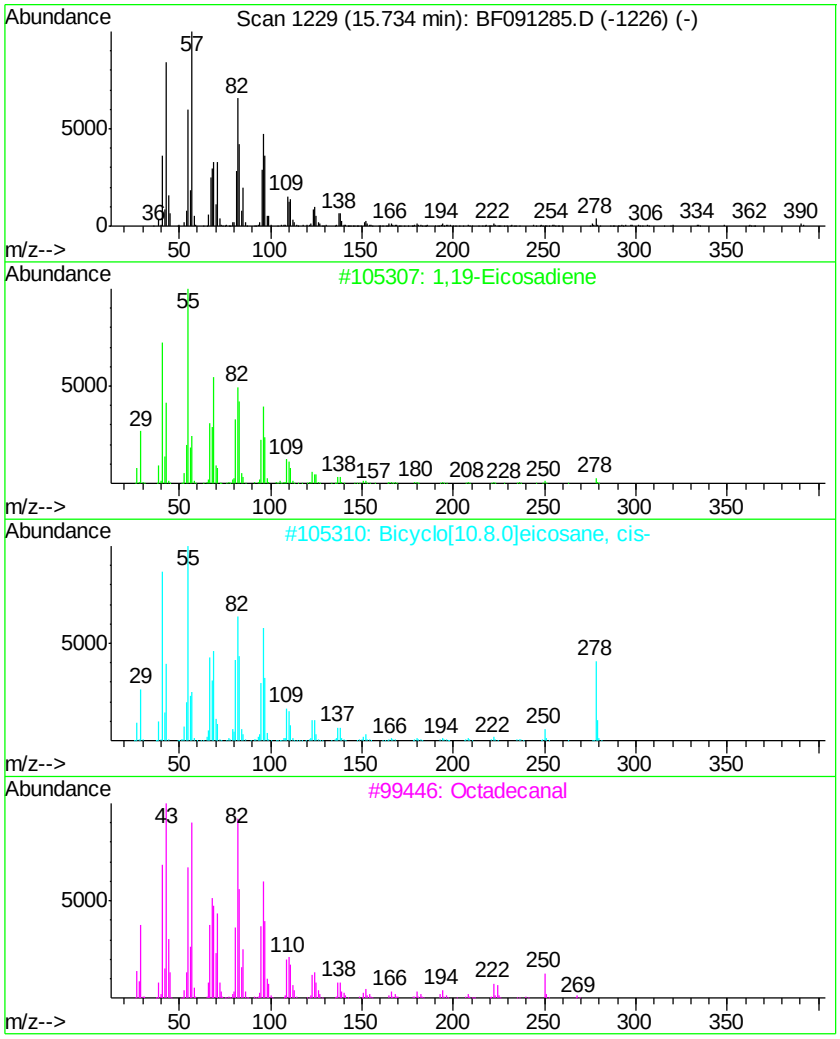
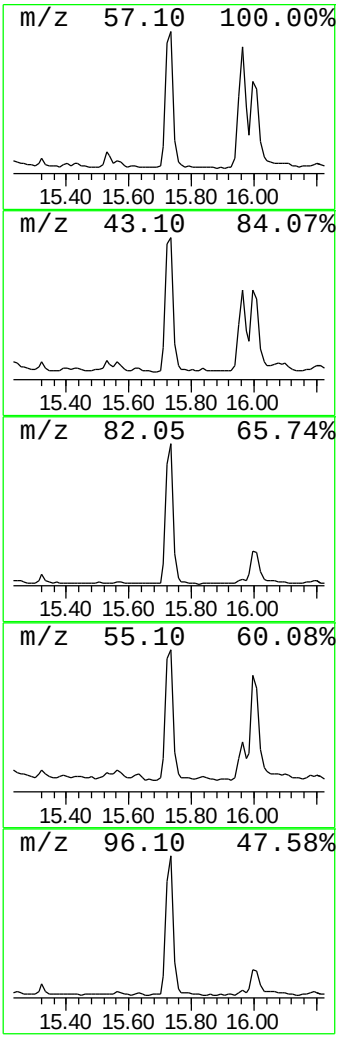
Peak Number 13 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	25.45 ng	1714760	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	96
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Tetracosanal	352	C24H48O	057866-08-7	87
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87





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Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

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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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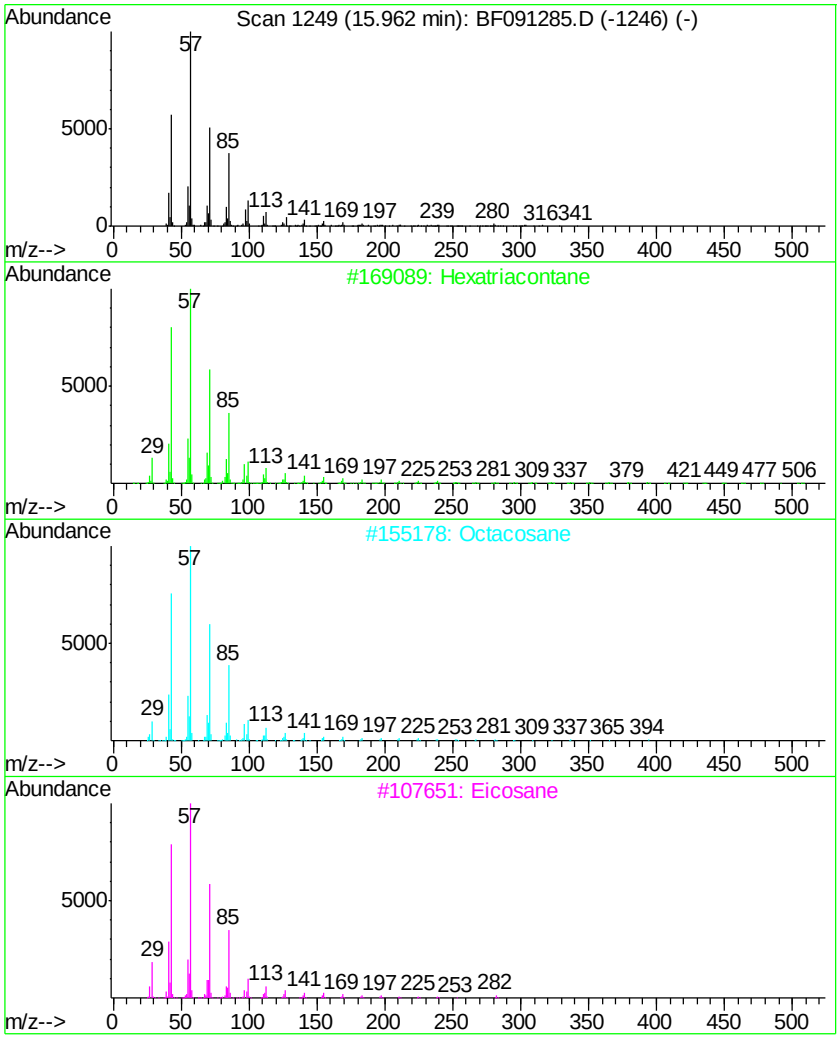
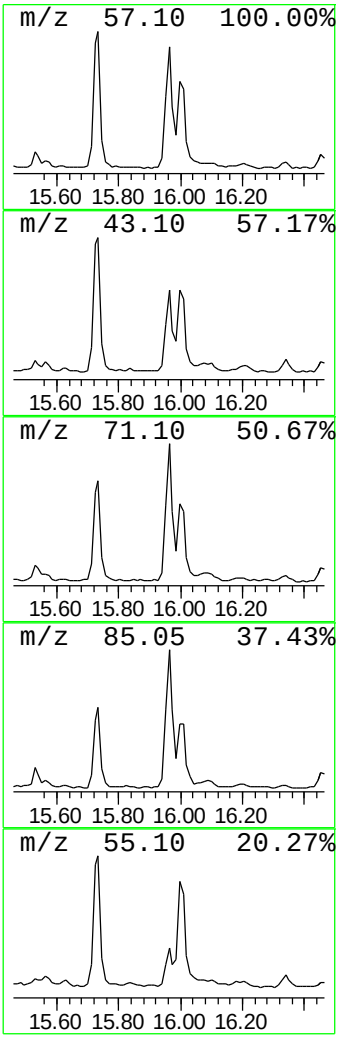
Peak Number 14 Hexatriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	11.43 ng	770005	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Heptacosane	380	C27H56	000593-49-7	87





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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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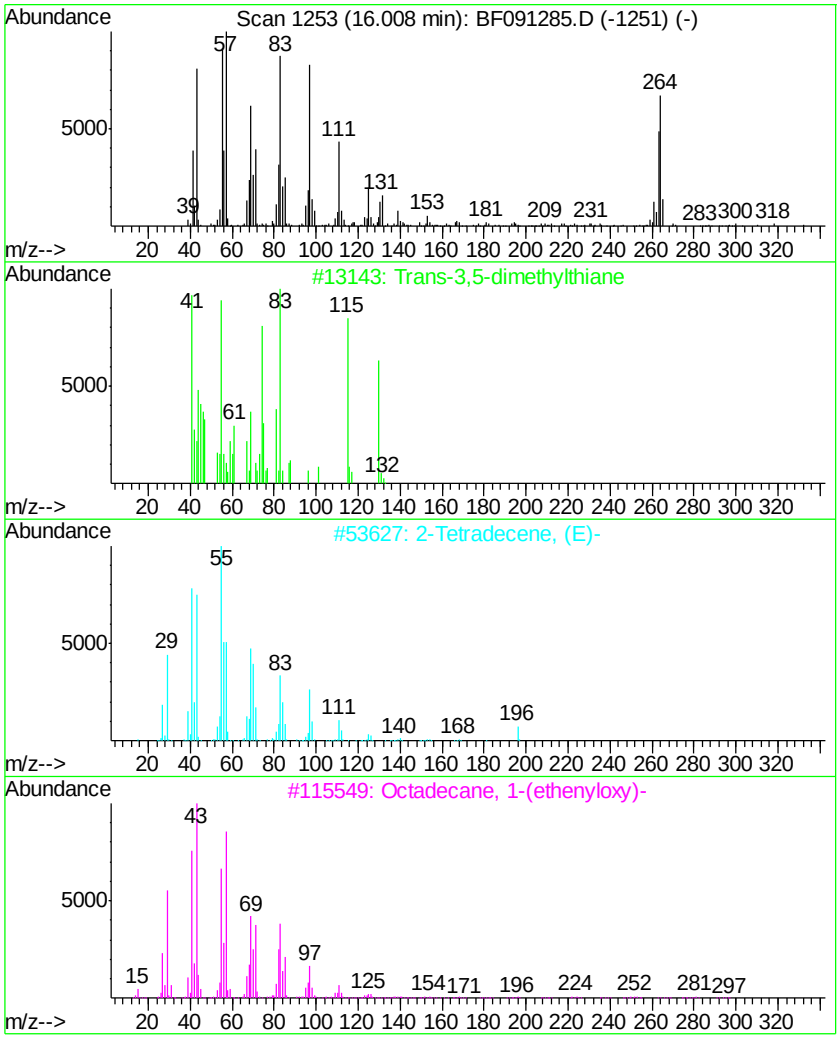
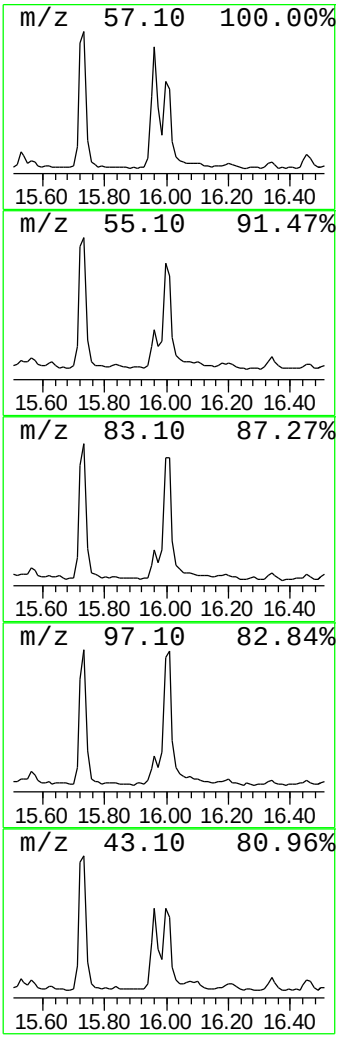
Peak Number 15 Trans-3,5-dimethylthiane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	16.16 ng	1088950	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-3,5-dimethylthiane	130	C7H14S	1000215-06-7	53
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	49
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	45
4	1-Docosene	308	C22H44	001599-67-3	43
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	43





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

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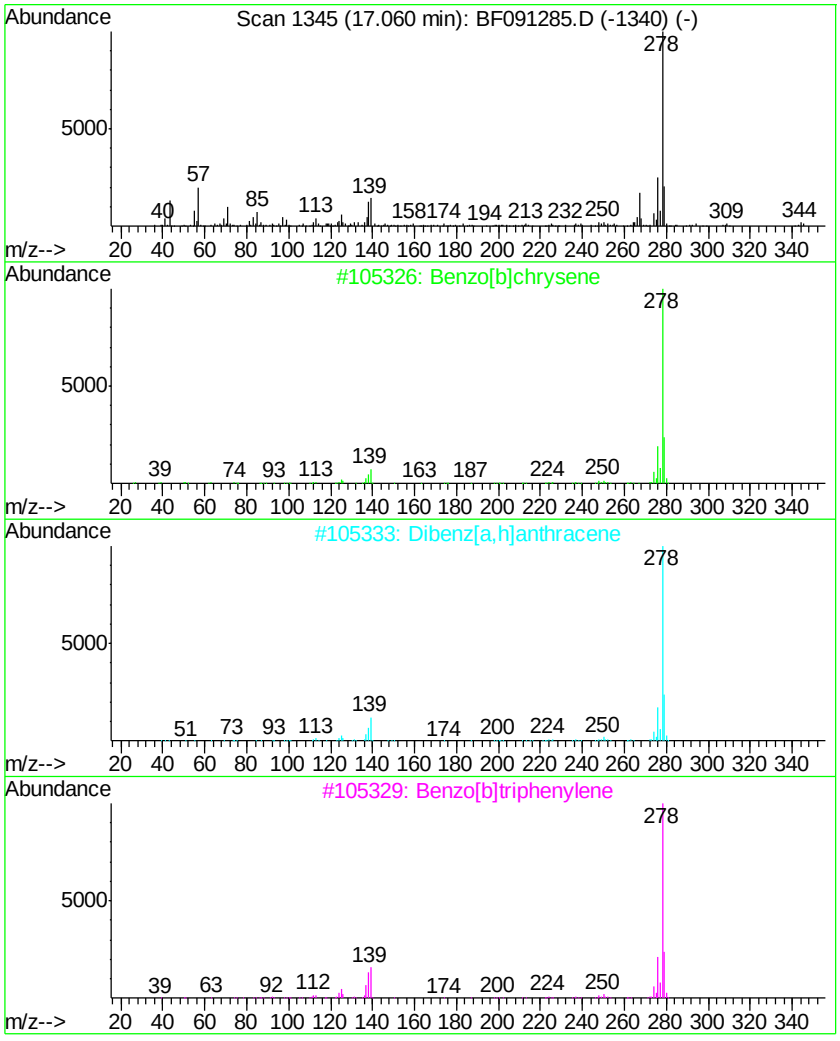
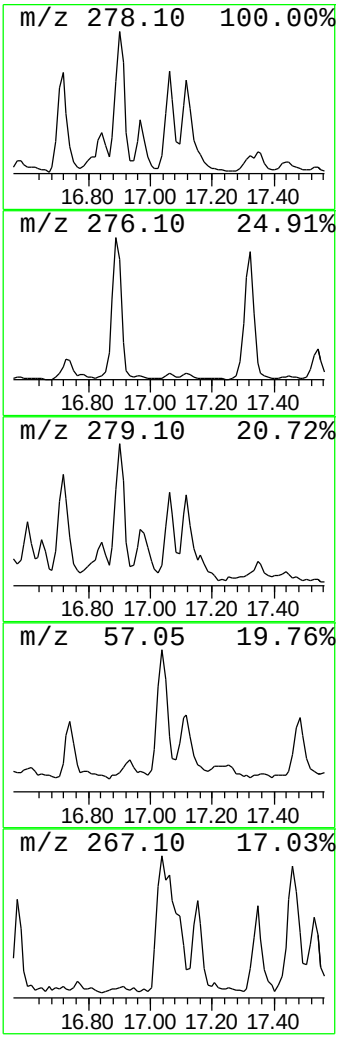
Peak Number 17 Benzo[b]chrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	8.45 ng	569391	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	95
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	83
5	Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	76





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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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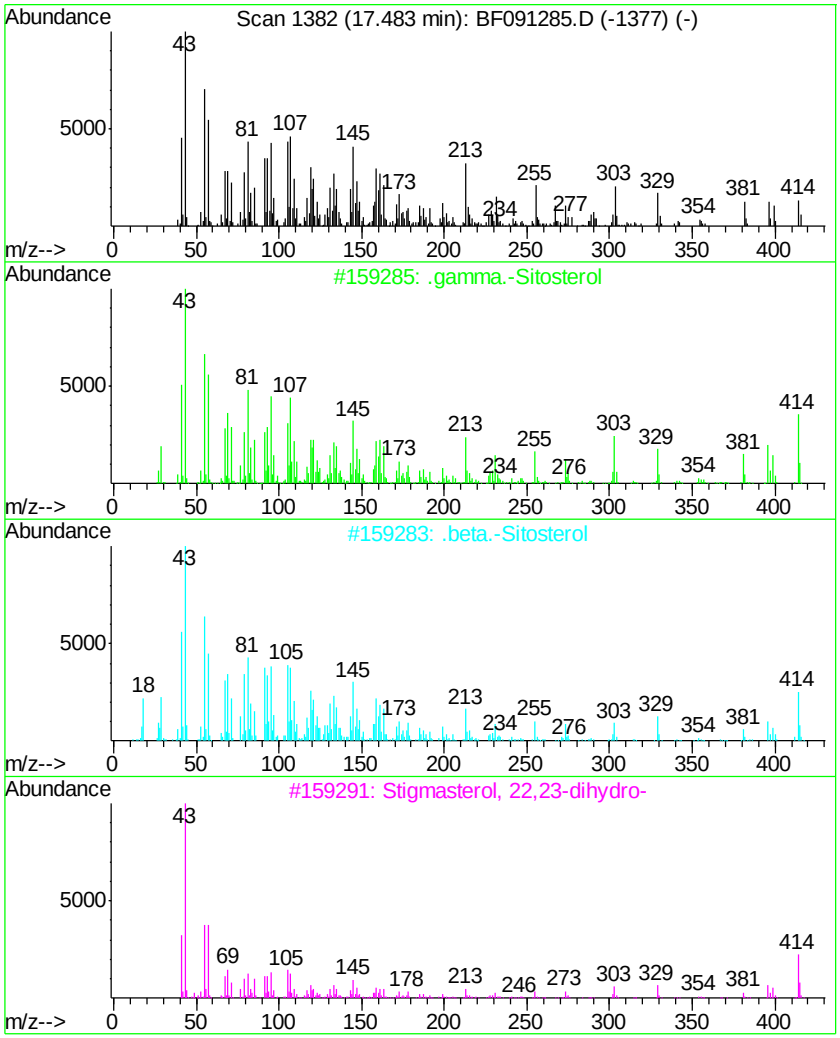
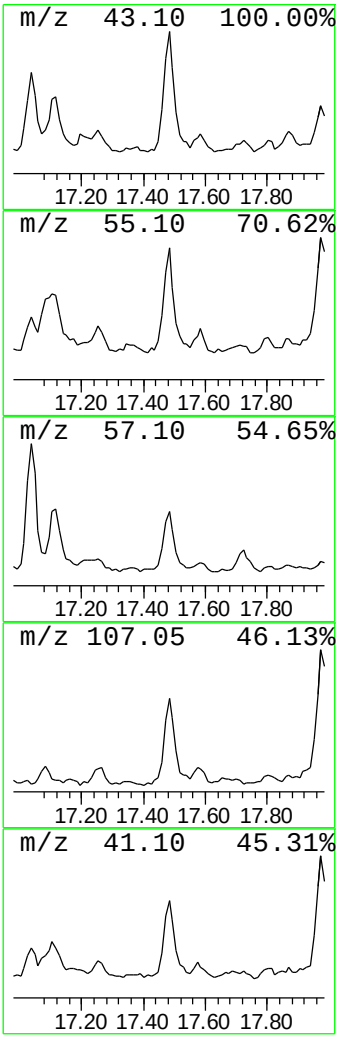
Peak Number 18 .gamma.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	18.32 ng	1234410	Perylene-d12	15.48

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	91
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	50
5	Campesterol	400	C28H48O	000474-62-4	38





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ClientSampleId : SB-01(0-0.16)

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

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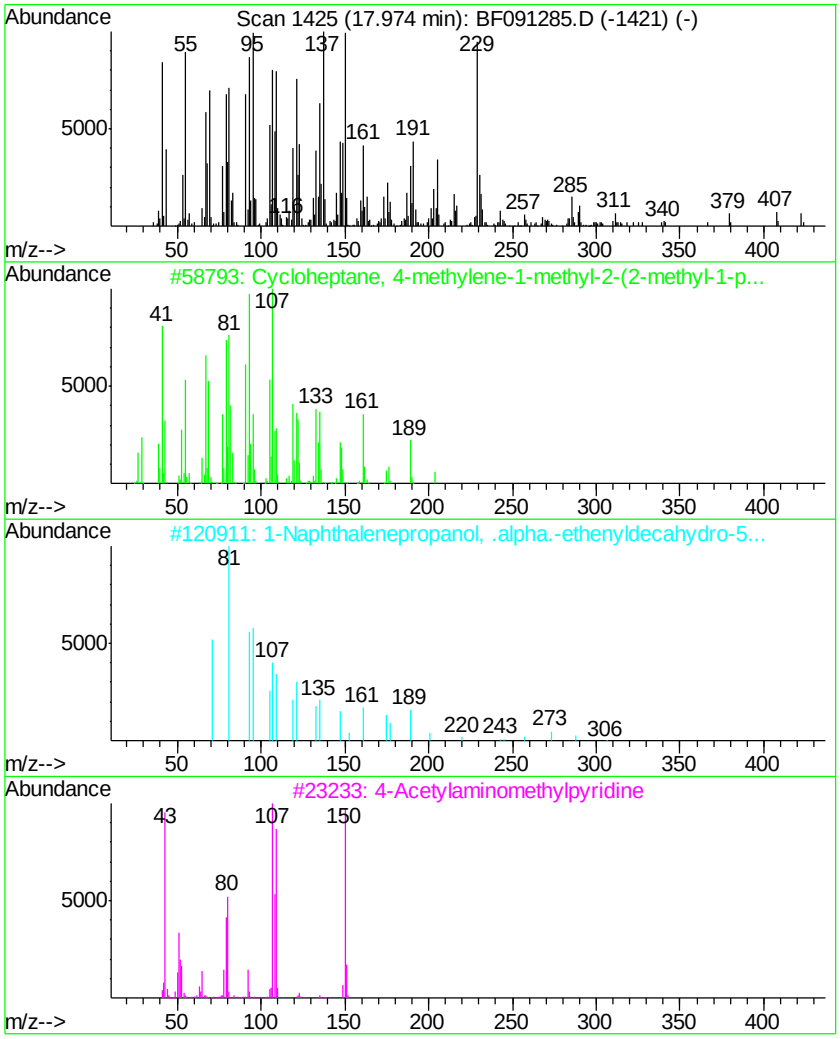
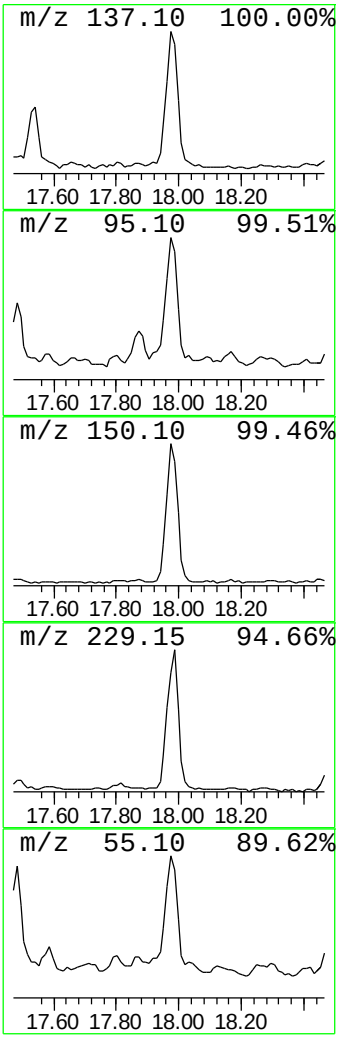
Peak Number 19 Cycloheptane, 4-methylene-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	23.48 ng	1581630	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	90
2	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	46
3	4-Acetylaminomethylpyridine	150	C8H10N2O	023974-15-4	38
4	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	38
5	1H-Cyclooctapyrazole, 4,5,6,7,8,...	150	C9H14N2	015984-10-8	38





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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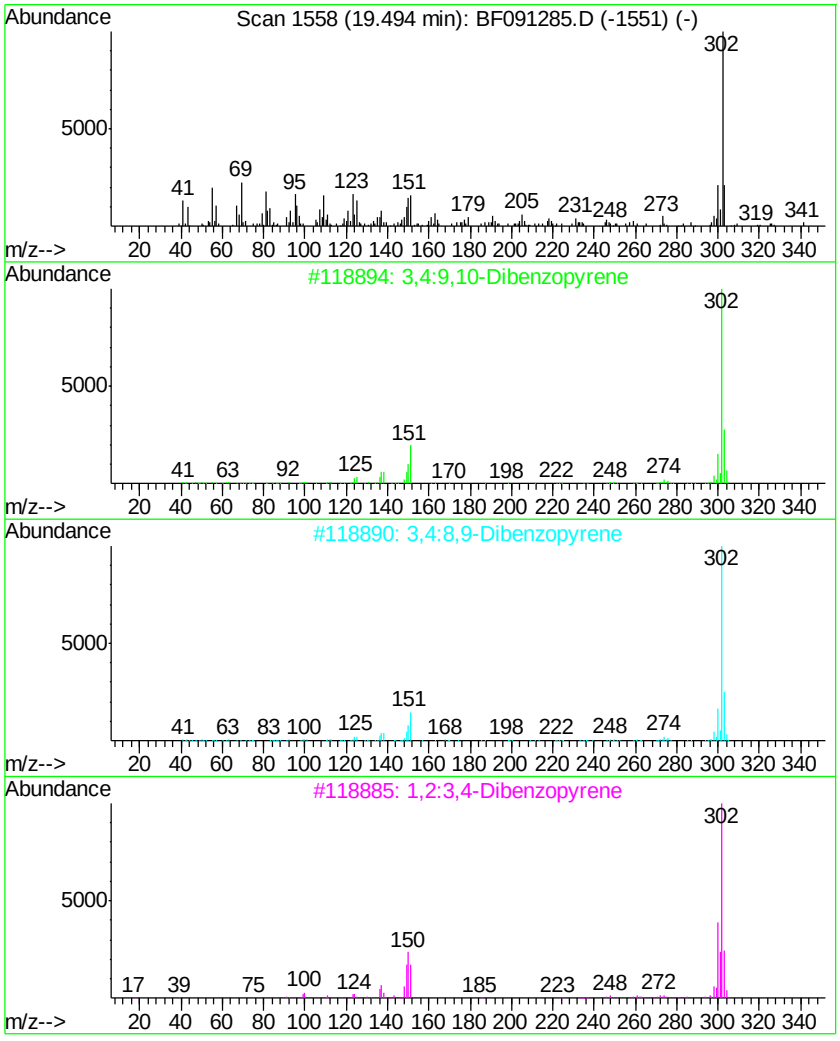
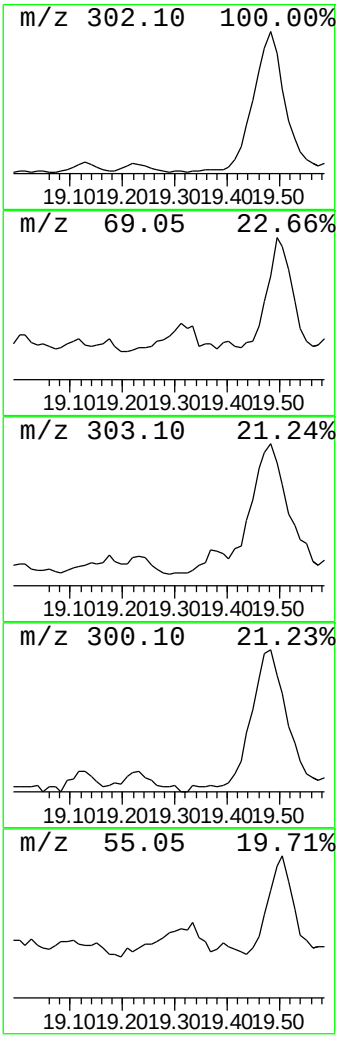
Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	11.89 ng	801328	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	81
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
3	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	76
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	68
5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091285.D
Acq On : 23 Nov 2016 20:02
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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
Acetamide, N-methyl-	1.76	43.8	ng	3170820	1	6.88	1449610	20.0
2-Pentanone, 4-hy...	5.07	28.1	ng	2035330	1	6.88	1449610	20.0
unknown6.65	6.65	78.2	ng	5669550	1	6.88	1449610	20.0
Anthracene, 2-met...	11.90	7.6	ng	888019	4	11.40	2345350	20.0
n-Hexadecanoic acid	11.94	15.8	ng	1854590	4	11.40	2345350	20.0
4H-Cyclopenta[def...	12.01	11.4	ng	1333450	4	11.40	2345350	20.0
9-Octadecenamide,...	14.80	7.2	ng	483048	6	15.48	1347420	20.0
16-Heptadecenal	14.97	20.7	ng	1391690	6	15.48	1347420	20.0
E-7-Octadecene	15.17	33.8	ng	2278750	6	15.48	1347420	20.0
Benzo[e]pyrene	15.36	22.5	ng	1513480	6	15.48	1347420	20.0
1,19-Eicosadiene	15.73	25.4	ng	1714760	6	15.48	1347420	20.0
Hexatriacontane	15.96	11.4	ng	770005	6	15.48	1347420	20.0
Trans-3,5-dimethy...	16.01	16.2	ng	1088950	6	15.48	1347420	20.0
Benzo[b]chrysene	17.06	8.4	ng	569391	6	15.48	1347420	20.0
.gamma.-Sitosterol	17.48	18.3	ng	1234410	6	15.48	1347420	20.0
Cycloheptane, 4-m...	17.97	23.5	ng	1581630	6	15.48	1347420	20.0
3,4:9,10-Dibenzop...	19.49	11.9	ng	801328	6	15.48	1347420	20.0