LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091296.D
Acq On : 24 Nov 2016 1:05
Operator : UM/SJ
Sample : H5740-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(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	3	6	9	rBV	3889006	5903324	80.57%	6.215%
2	1.904	17	19	41	rVB	2312010	4549944	62.10%	4.790%
3	2.178	41	43	53	rVB	86896	170388	2.33%	0.179%
4	5.081	294	297	306	rVB	1764978	2672092	36.47%	2.813%
5	5.493	329	333	335	rBV	5767730	6551629	89.42%	6.898%
6	6.510	418	422	425	rBV	4525057	7326673	100.00%	7.714%
7	6.647	431	434	437	rBV	5186196	6495902	88.66%	6.839%
8	6.876	452	454	457	rBV	1209856	1311946	17.91%	1.381%
9	7.036	465	468	471	rVB	4442897	4759743	64.96%	5.011%
10	7.447	500	504	506	rBV	4190216	4592042	62.68%	4.835%
11	8.167	564	567	569	rBV	1931295	1890065	25.80%	1.990%
12	8.876	627	629	631	rVB	93178	77165	1.05%	0.081%
13	9.242	658	661	663	rVB	4890000	5954212	81.27%	6.269%
14	9.333	663	669	671	rBV2	81798	128904	1.76%	0.136%
15	9.573	688	690	692	rBV	66979	107358	1.47%	0.113%
16	9.630	694	695	698	rVV	284101	346368	4.73%	0.365%
17	9.699	698	701	705	rVB3	31540	81383	1.11%	0.086%
18	9.779	706	708	711	rVB	112048	104919	1.43%	0.110%
19	9.859	714	715	717	rVB	145086	107354	1.47%	0.113%
20	9.916	718	720	722	rVV	1689489	1667725	22.76%	1.756%
21	10.122	736	738	740	rVB	144334	111757	1.53%	0.118%
22	10.328	752	756	757	rBV2	50212	74818	1.02%	0.079%
23	10.362	757	759	761	rVB	182943	167993	2.29%	0.177%
24	10.465	761	768	771	rVB	118368	216028	2.95%	0.227%
25	10.533	771	774	775	rBV	145954	164684	2.25%	0.173%
26	10.579	775	778	781	rBV	77764	96741	1.32%	0.102%
27	10.705	786	789	791	rVV	3556477	3644428	49.74%	3.837%
28	10.831	798	800	804	rBV	291910	350963	4.79%	0.370%
29	10.911	804	807	810	rBV4	41651	78158	1.07%	0.082%
30	11.013	812	816	819	rVV4	41257	120740	1.65%	0.127%
31	11.071	819	821	824	rVV	185786	225778	3.08%	0.238%
32	11.139	826	827	831	rVV4	52505	113544	1.55%	0.120%
33	11.208	831	833	835	rVB	74492	92779	1.27%	0.098%
34	11.276	838	839	841	rVV	165086	198668	2.71%	0.209%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(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	11.356	844	846	848	rBV	188083	227213	3.10%	0.239%
36	11.402	848	850	851	rVV	1670395	1578120	21.54%	1.662%
37	11.471	854	856	858	rVV	236854	271366	3.70%	0.286%
38	11.505	858	859	861	rVB	59228	75696	1.03%	0.080%
39	11.631	867	870	871	rBV2	90013	105695	1.44%	0.111%
40	11.711	874	877	880	rVB4	67451	159939	2.18%	0.168%
41	11.871	888	891	892	rBV2	166501	261093	3.56%	0.275%
42	11.905	892	894	895	rVV	335666	410345	5.60%	0.432%
43	11.939	895	897	902	rVV3	1627807	2487530	33.95%	2.619%
44	12.008	902	903	908	rVV	216267	441932	6.03%	0.465%
45	12.088	908	910	911	rVV2	50139	85065	1.16%	0.090%
46	12.111	911	912	917	rVV	147678	200086	2.73%	0.211%
47	12.214	917	921	923	rVV2	103428	218193	2.98%	0.230%
48	12.351	930	933	934	rBV2	60654	111642	1.52%	0.118%
49	12.454	939	942	943	rBV2	149921	186680	2.55%	0.197%
50	12.499	943	946	948	rBV3	59929	116673	1.59%	0.123%
51	12.534	948	949	953	rVB	110533	102288	1.40%	0.108%
52	12.614	953	956	958	rBV	1843061	1717277	23.44%	1.808%
53	12.659	958	960	963	rVB2	225966	323231	4.41%	0.340%
54	12.728	963	966	973	rVB	2023374	2135447	29.15%	2.248%
55	12.842	973	976	978	rBV	1459360	1550959	21.17%	1.633%
56	12.957	984	986	987	rBV	97698	102740	1.40%	0.108%
57	12.991	987	989	991	rVV	4079724	3729617	50.90%	3.927%
58	13.059	991	995	999	rVB3	103458	166846	2.28%	0.176%
59	13.162	999	1004	1006	rVB3	137549	319640	4.36%	0.337%
60	13.197	1006	1007	1008	rBV	150675	151532	2.07%	0.160%
61	13.231	1008	1010	1012	rVB	186335	188185	2.57%	0.198%
62	13.265	1012	1013	1015	rBV	116357	149139	2.04%	0.157%
63	13.357	1017	1021	1023	rBV3	72701	149693	2.04%	0.158%
64	13.391	1023	1024	1027	rBV2	78791	94495	1.29%	0.099%
65	13.437	1027	1028	1030	rBV2	72493	119929	1.64%	0.126%
66	13.551	1036	1038	1039	rBV2	66410	99756	1.36%	0.105%
67	13.665	1046	1048	1051	rVB	156165	222353	3.03%	0.234%
68	13.779	1056	1058	1060	rBV2	148125	237575	3.24%	0.250%
69	13.837	1060	1063	1065	rVV3	129770	234675	3.20%	0.247%
70	13.882	1065	1067	1070	rVV3	412332	653986	8.93%	0.689%
71	14.031	1077	1080	1085	rVB2	1503871	2827715	38.59%	2.977%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(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
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Peak separation: 5

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

72	14.214	1094	1096	1098	rVB2	85203	129001	1.76%	0.136%
73	14.259	1098	1100	1102	rBV2	103271	150080	2.05%	0.158%
74	14.339	1106	1107	1110	rVB3	68707	111641	1.52%	0.118%
75	14.419	1112	1114	1116	rVB	141853	160668	2.19%	0.169%
76	14.454	1116	1117	1119	rVB	107878	100443	1.37%	0.106%
77	14.522	1121	1123	1126	rVV3	512840	537020	7.33%	0.565%
78	14.797	1145	1147	1149	rBV	555583	698053	9.53%	0.735%
79	14.900	1154	1156	1160	rVB2	128068	192986	2.63%	0.203%
80	14.968	1160	1162	1164	rVB	417313	422290	5.76%	0.445%
81	15.060	1167	1170	1175	rBV	644267	1320835	18.03%	1.391%
82	15.174	1176	1180	1183	rBV2	699693	1134298	15.48%	1.194%
83	15.357	1194	1196	1199	rVB	361975	468869	6.40%	0.494%
84	15.414	1199	1201	1204	rBV	513493	621517	8.48%	0.654%
85	15.482	1204	1207	1208	rBV	757130	1033267	14.10%	1.088%
86	15.723	1226	1228	1232	rVB	279940	474806	6.48%	0.500%
87	15.963	1246	1249	1251	rBV	223555	404030	5.51%	0.425%
88	15.997	1251	1252	1258	rVB2	214574	385525	5.26%	0.406%
89	16.214	1269	1271	1274	rVB3	88459	147737	2.02%	0.156%
90	16.340	1280	1282	1287	rVB5	80656	179750	2.45%	0.189%
91	16.465	1290	1293	1295	rVV3	57057	96467	1.32%	0.102%
92	16.740	1314	1317	1320	rVB3	92559	169009	2.31%	0.178%
93	16.888	1327	1330	1339	rBV2	220728	622940	8.50%	0.656%
94	17.048	1340	1344	1347	rBV3	103438	313434	4.28%	0.330%
95	17.311	1364	1367	1376	rVB	156636	424067	5.79%	0.446%
96	17.483	1378	1382	1386	rBV2	321613	788137	10.76%	0.830%
97	17.986	1422	1426	1429	rVB2	217938	497889	6.80%	0.524%
98	18.271	1448	1451	1460	rVB9	64068	282279	3.85%	0.297%
99	18.488	1467	1470	1477	rVB5	81817	247009	3.37%	0.260%
100	19.506	1555	1559	1562	rBV4	56321	196098	2.68%	0.206%

Sum of corrected areas: 94980706

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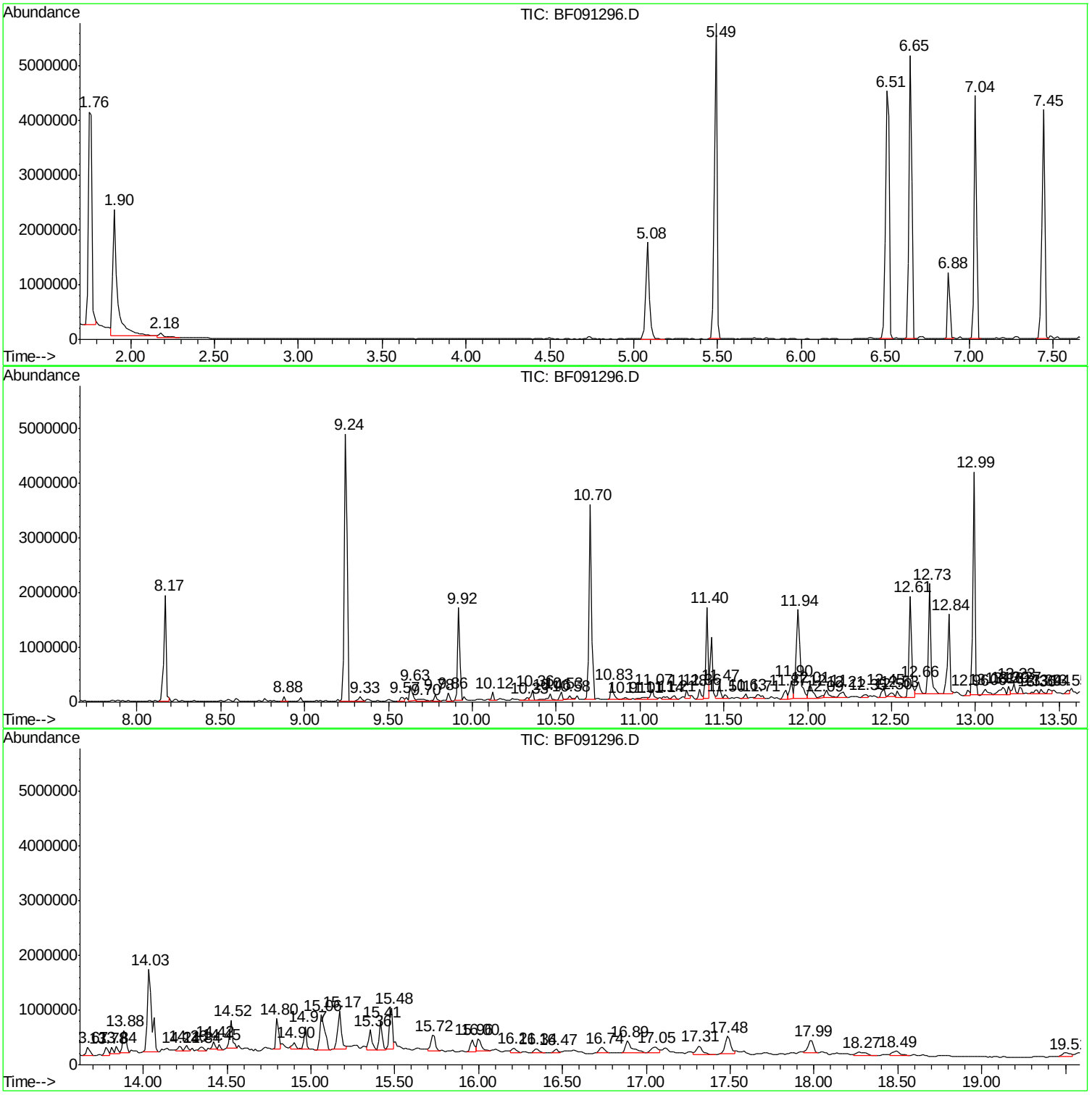
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(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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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

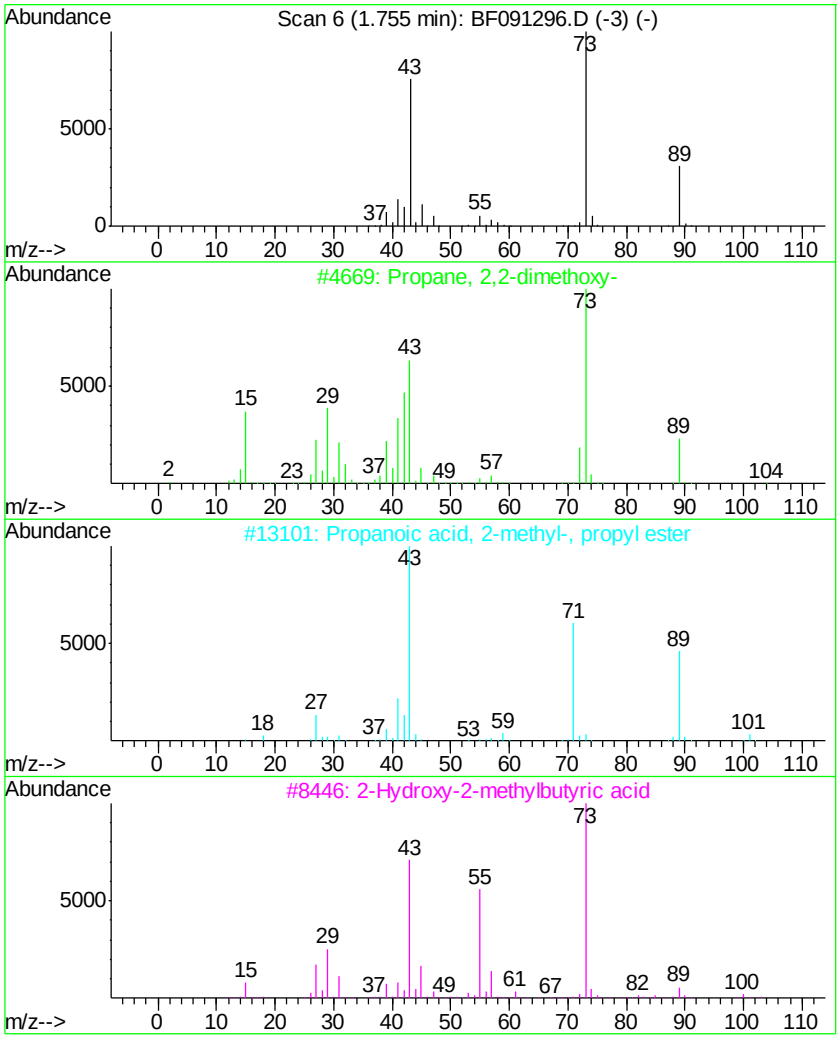
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

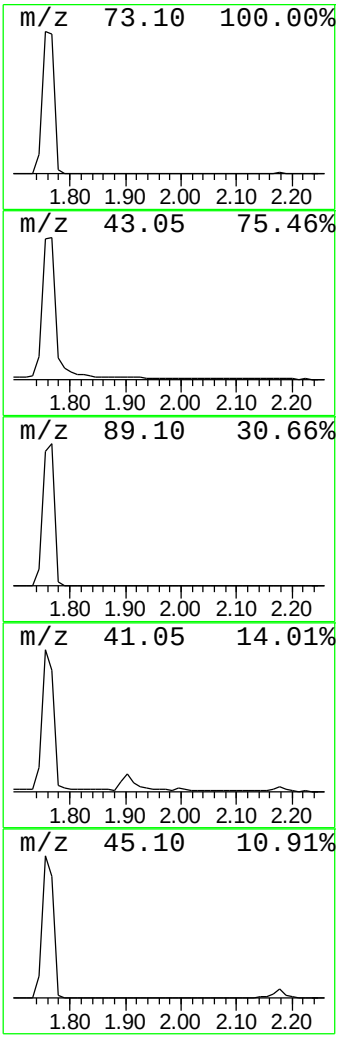
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	89.99 ng	5903320	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	25
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091296.D
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Sample : H5740-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

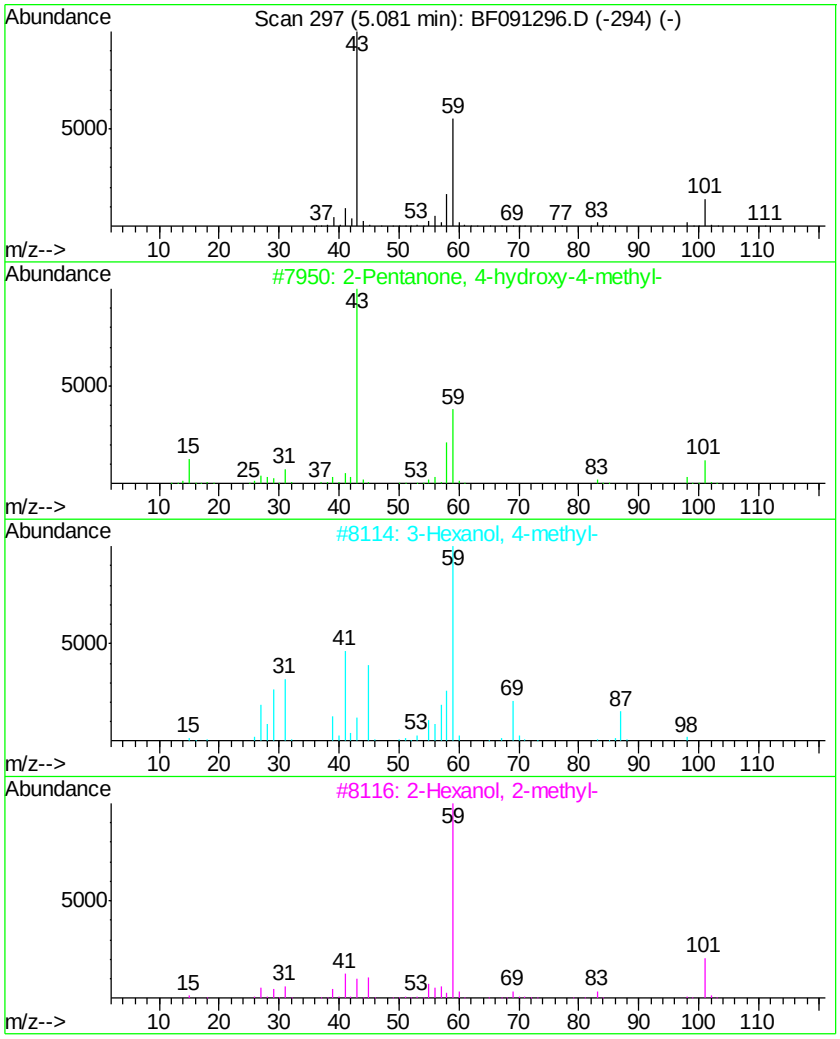
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

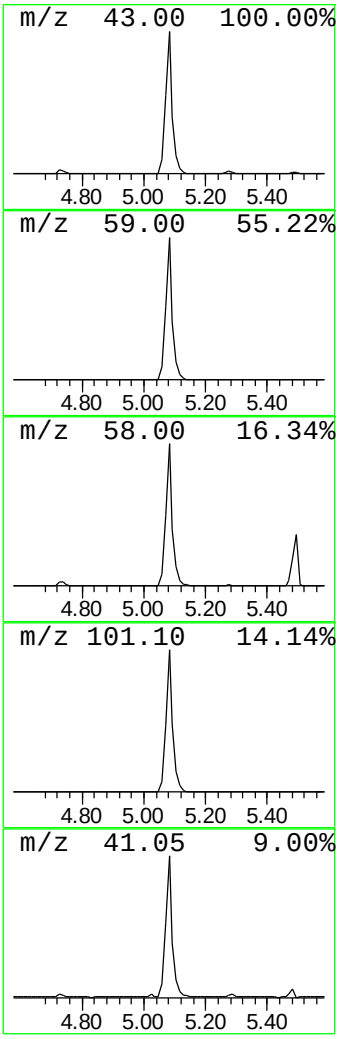
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	40.73 ng	2672090	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	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

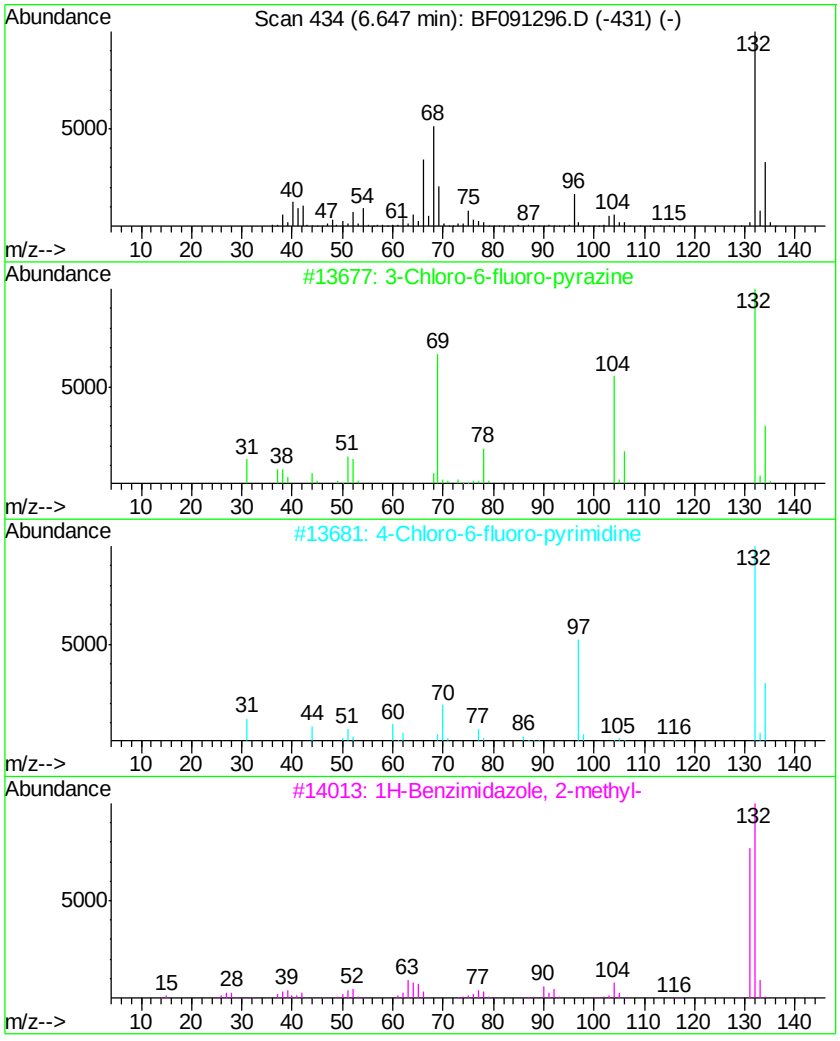
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

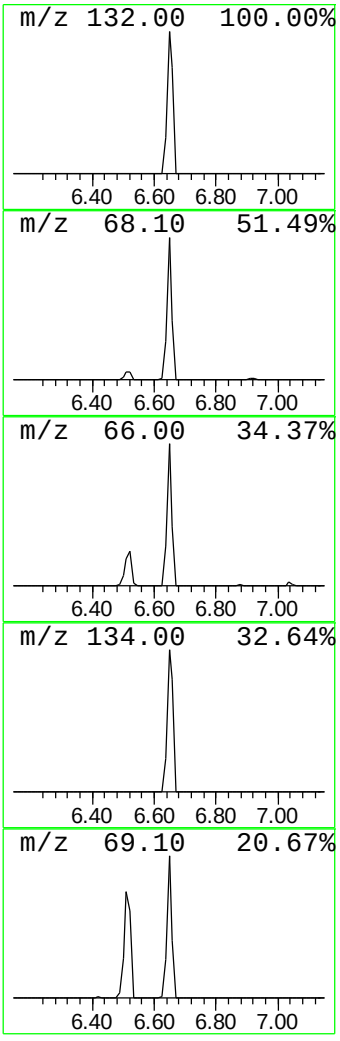
****

Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	99.03 ng	6495900	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

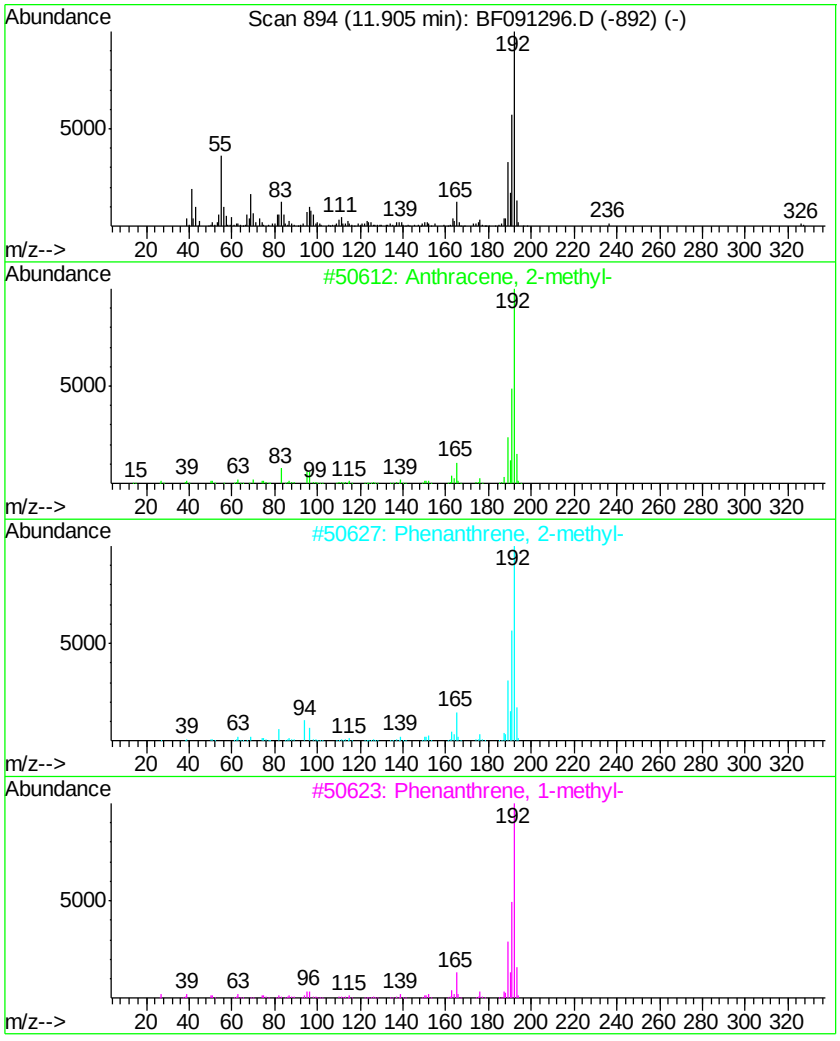
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

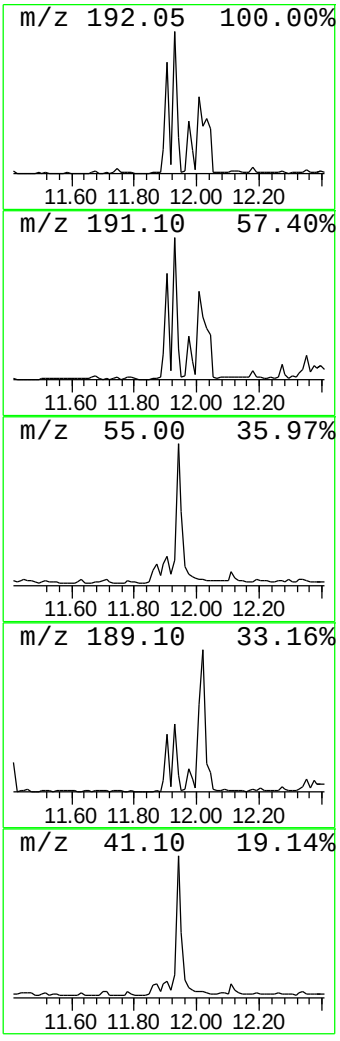
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.20 ng	410345	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Data File : BF091296.D
Acq On : 24 Nov 2016 1:05
Operator : UM/SJ
Sample : H5740-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

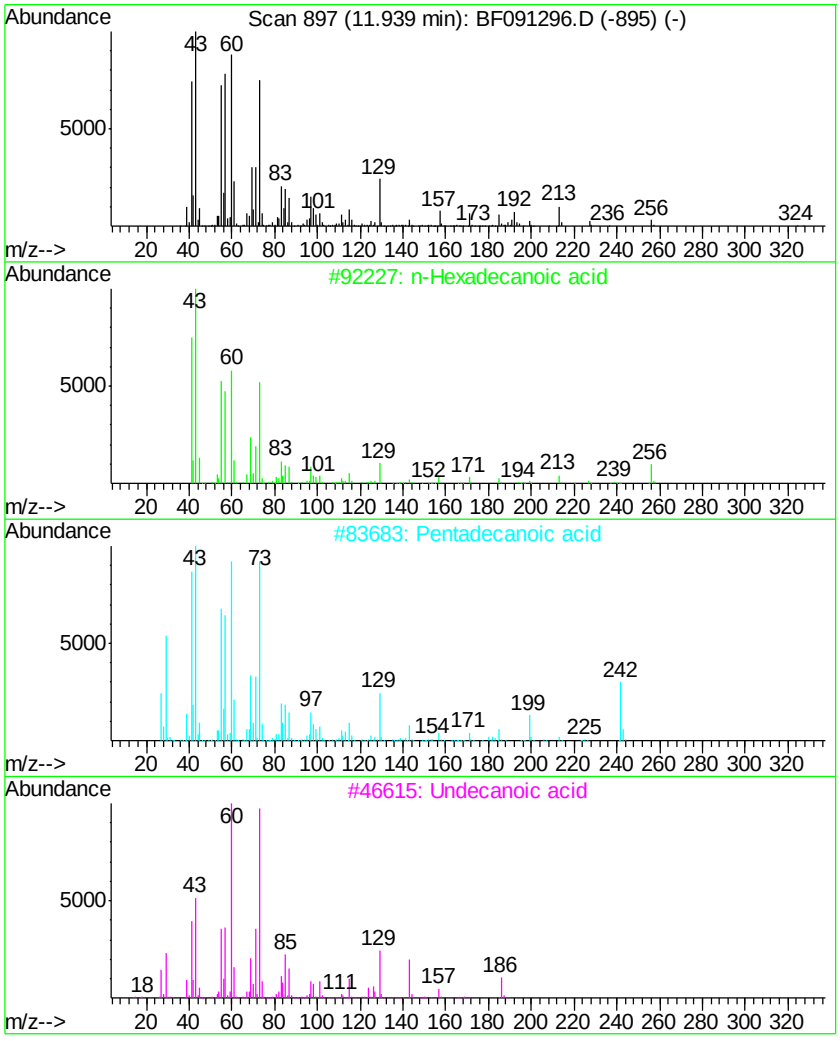
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

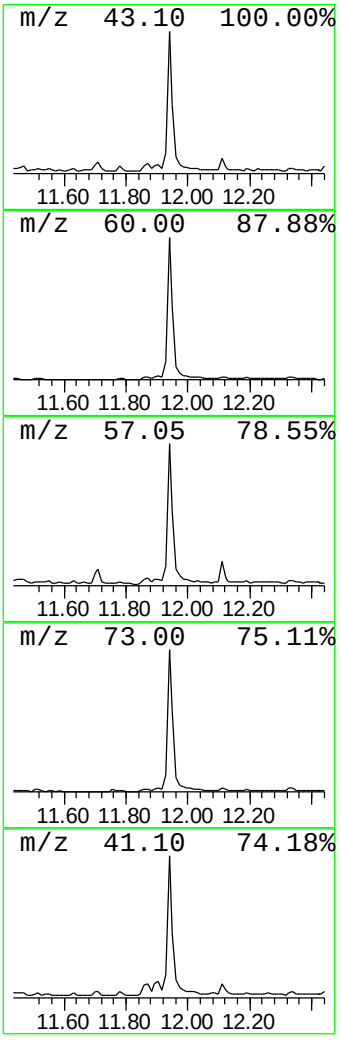
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	31.53 ng	2487530	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Acq On : 24 Nov 2016 1:05
Operator : UM/SJ
Sample : H5740-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB-05(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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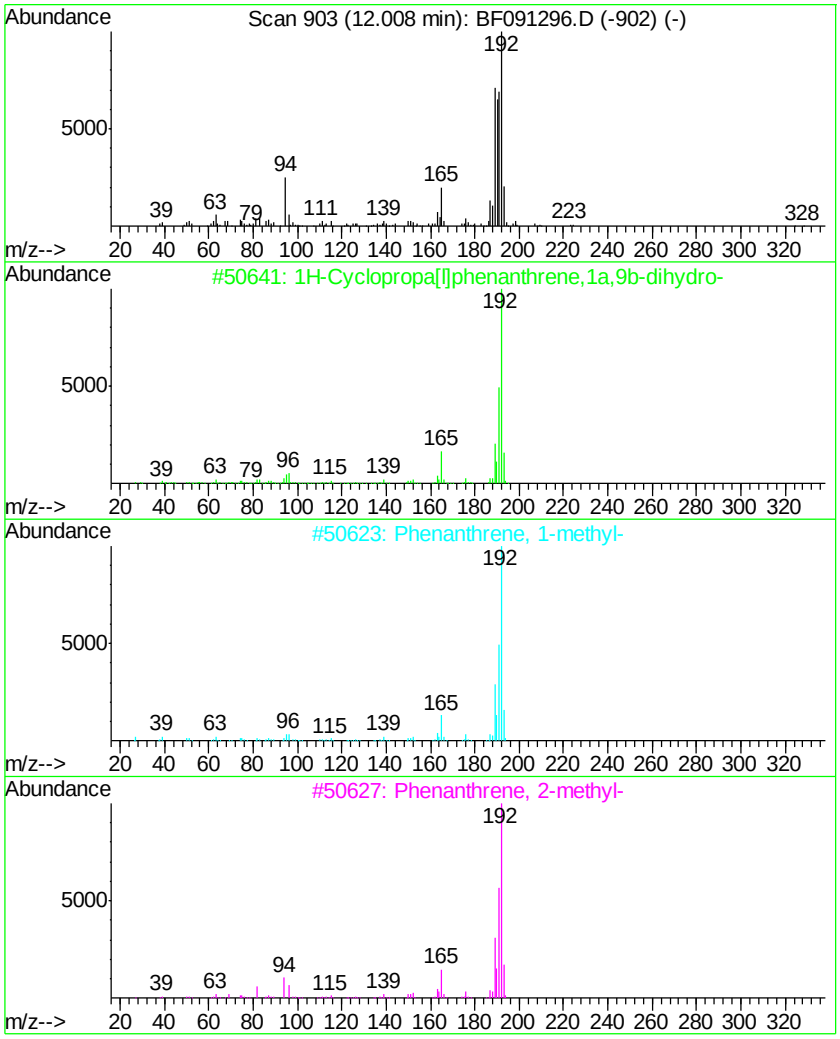
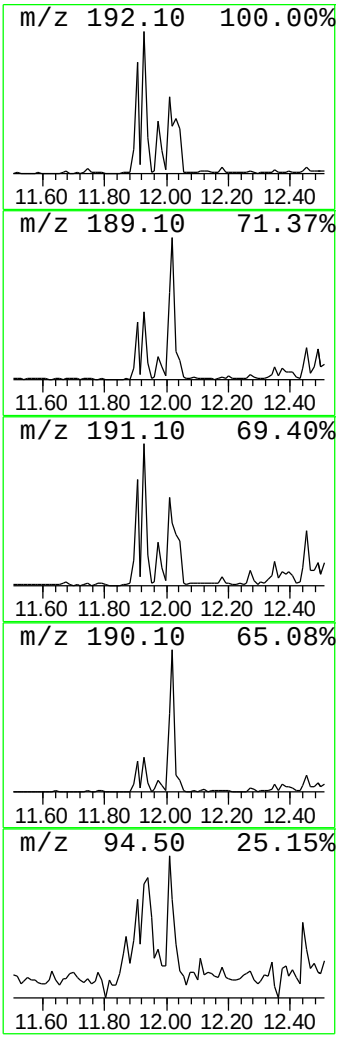
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.60 ng	441932	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60





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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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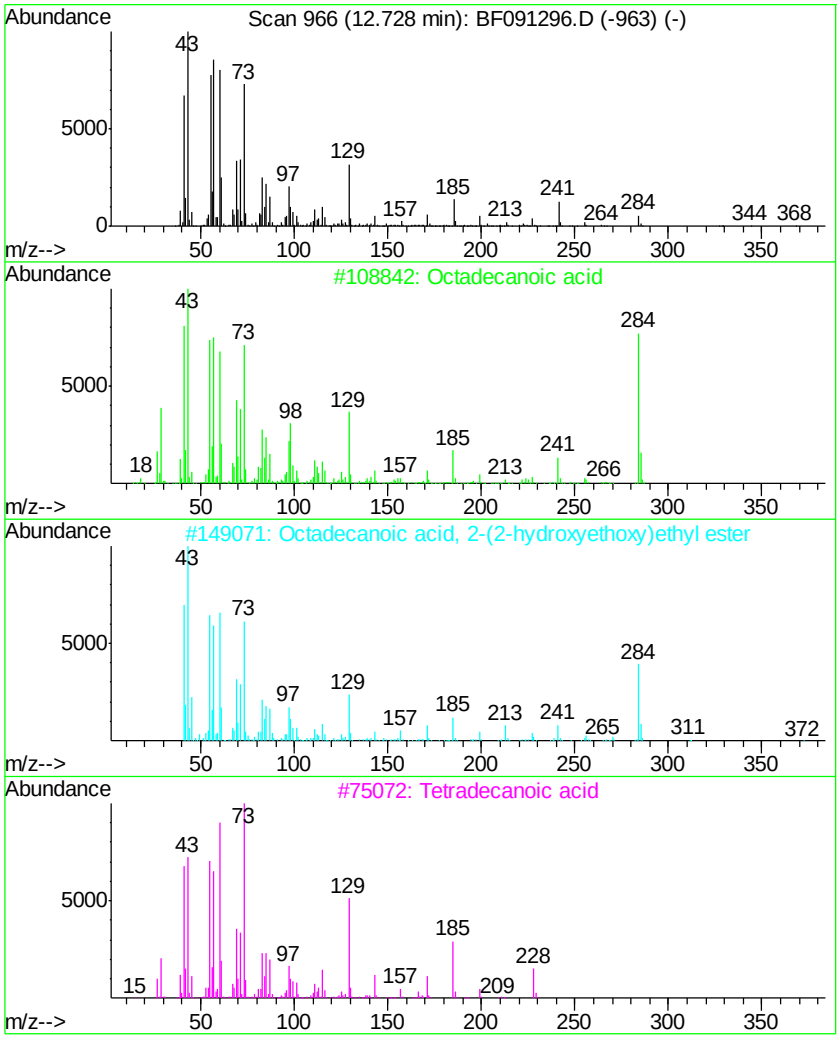
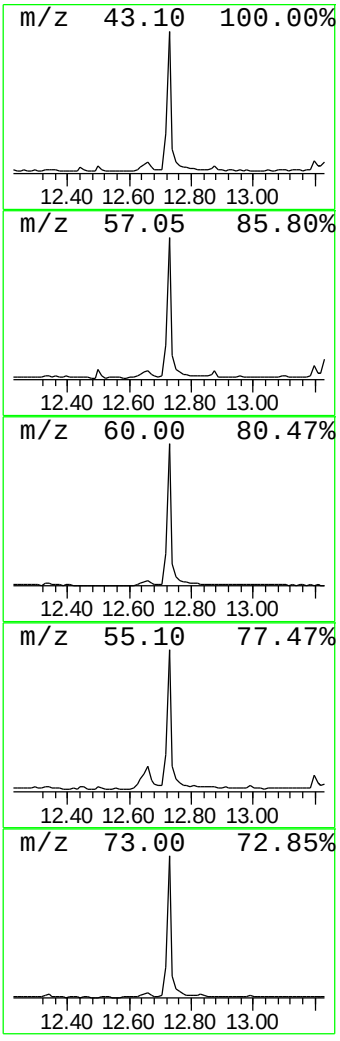
Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	15.10 ng	2135450	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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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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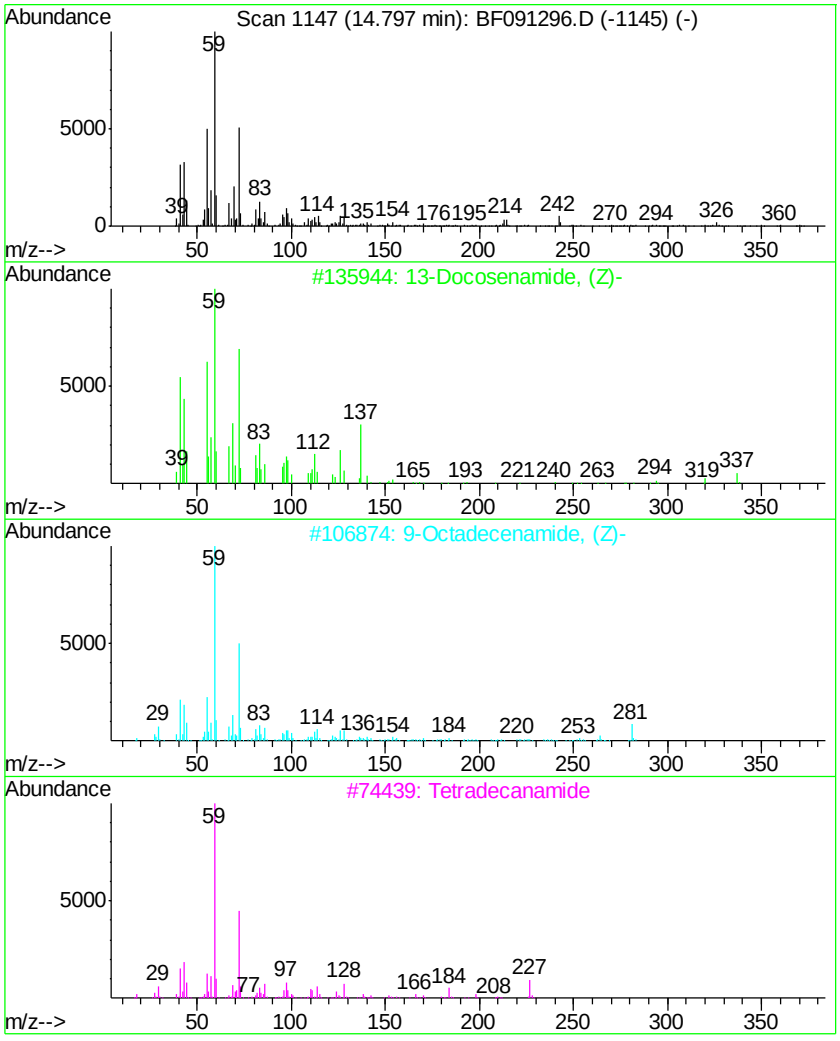
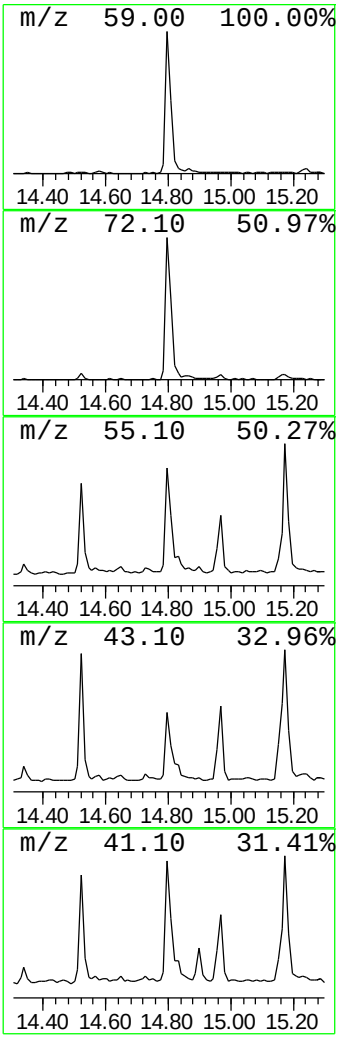
Peak Number 10 13-Docosenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	13.51 ng	698053	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Hexadecanamide	255	C16H33NO	000629-54-9	72
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64





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ClientSampleId : SB-05(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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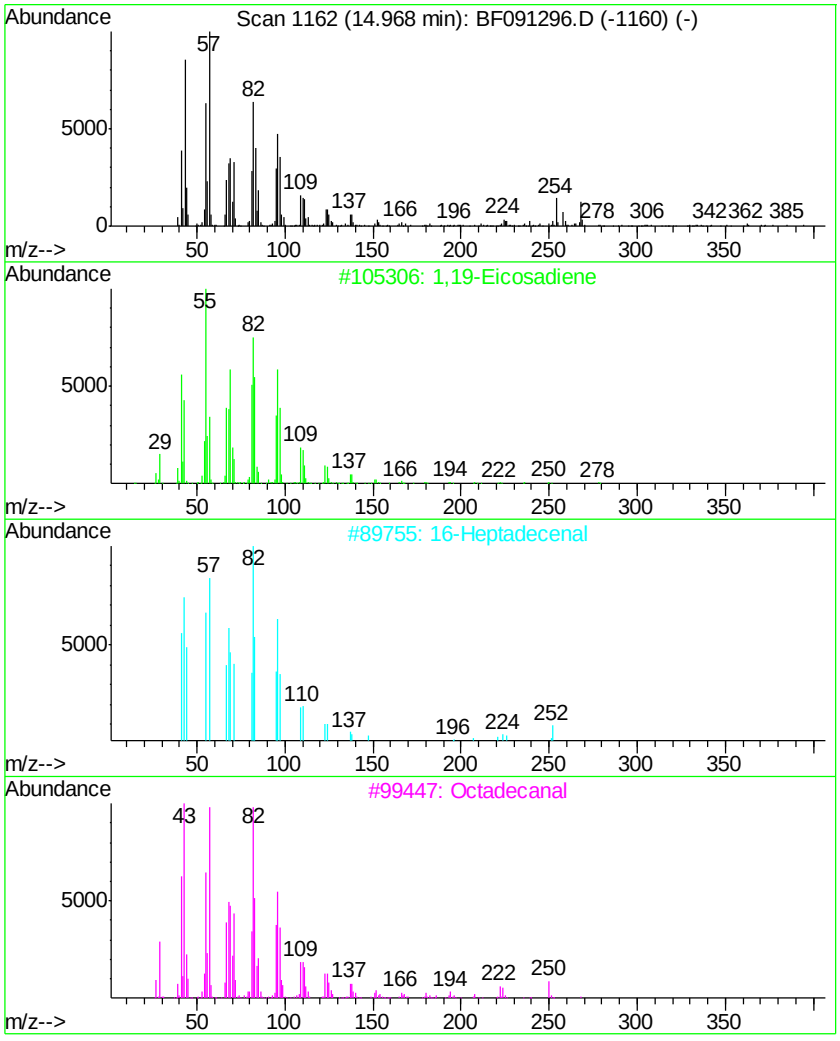
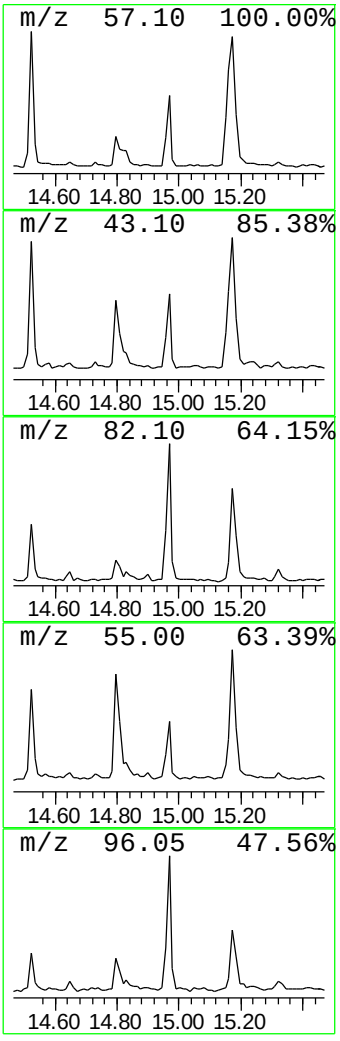
Peak Number 11 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	8.17 ng	422290	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	16-Heptadecenal	252	C17H32O	1000144-57-9	93
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	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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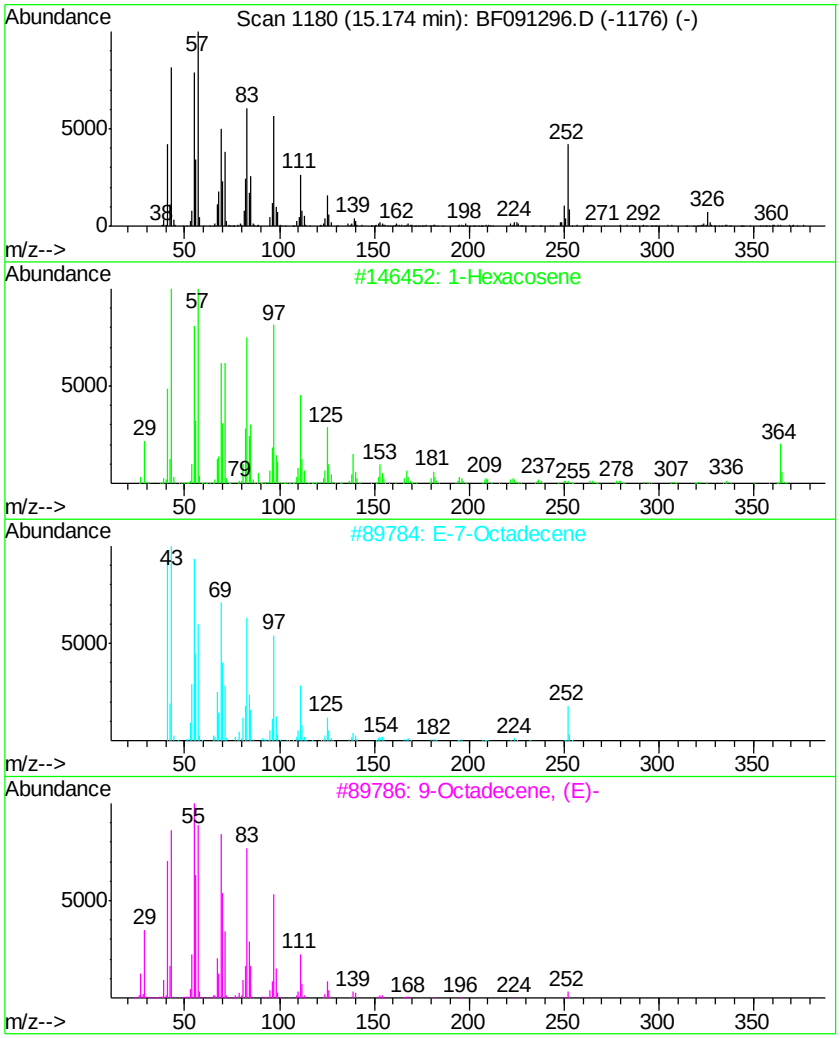
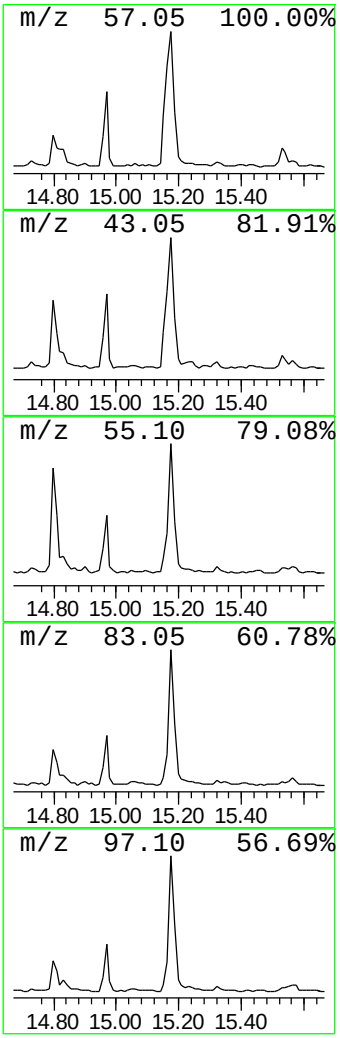
Peak Number 12 1-Hexacosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	21.96 ng	1134300	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	E-7-Octadecene	252	C18H36	1000130-92-0	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	78
4	1-Octadecene	252	C18H36	000112-88-9	72
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	58





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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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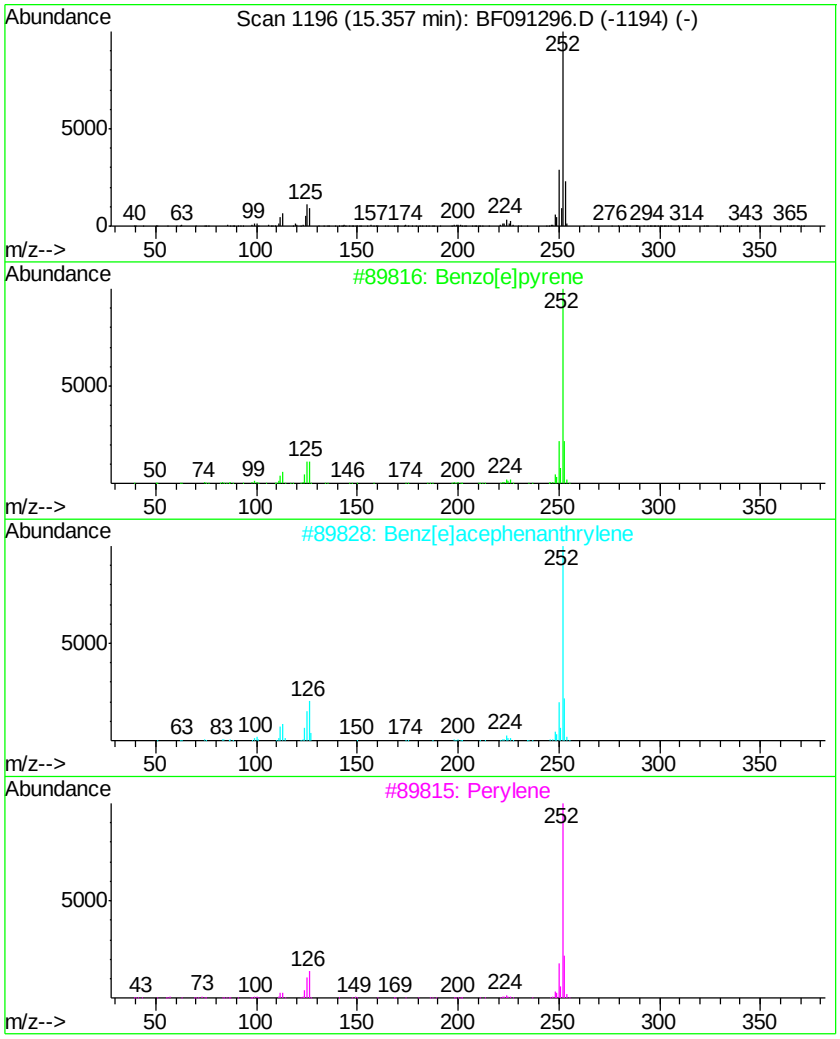
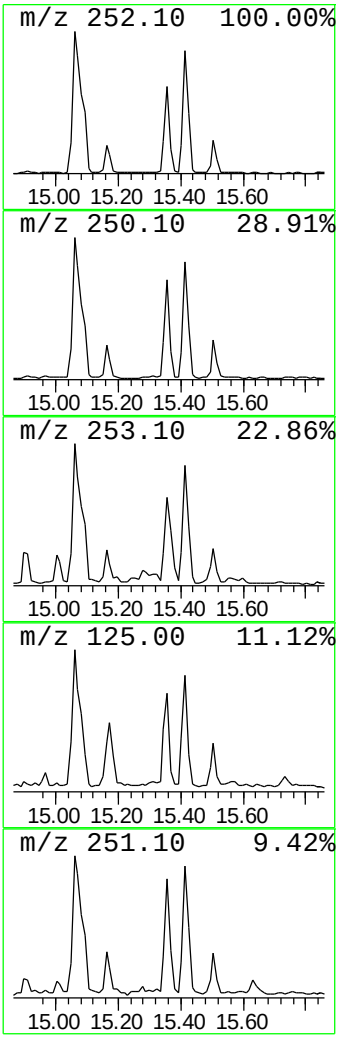
Peak Number 13 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	9.08 ng	468869	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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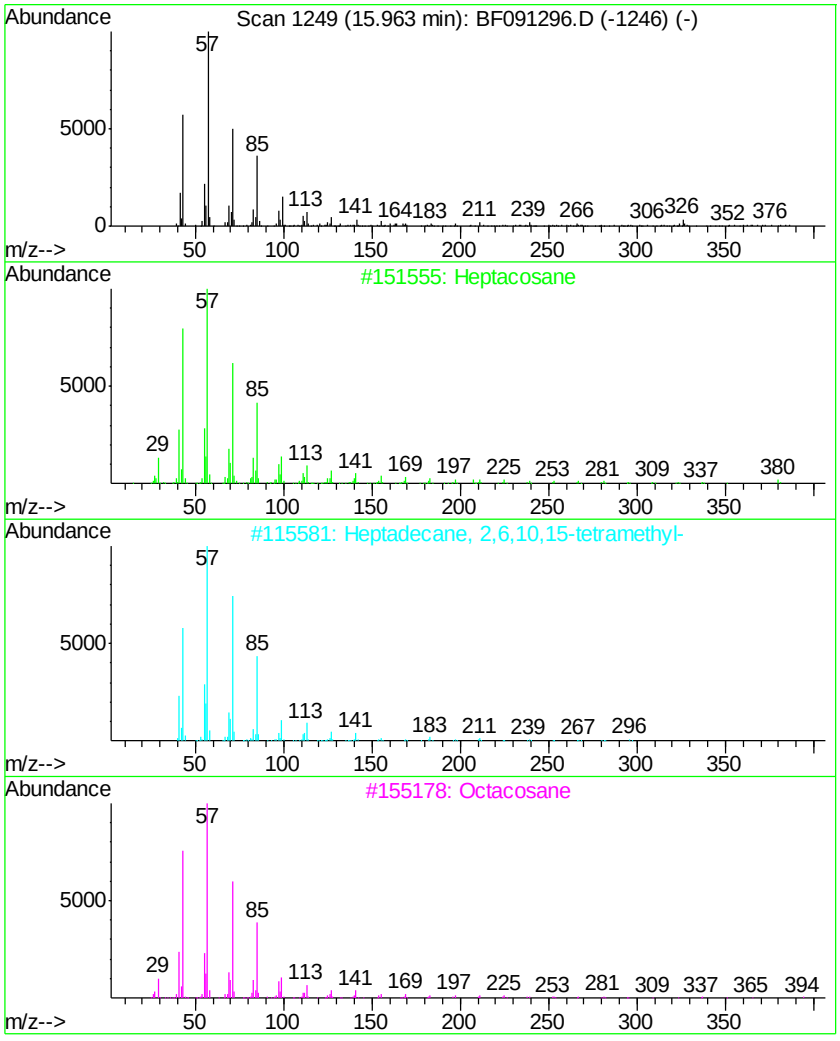
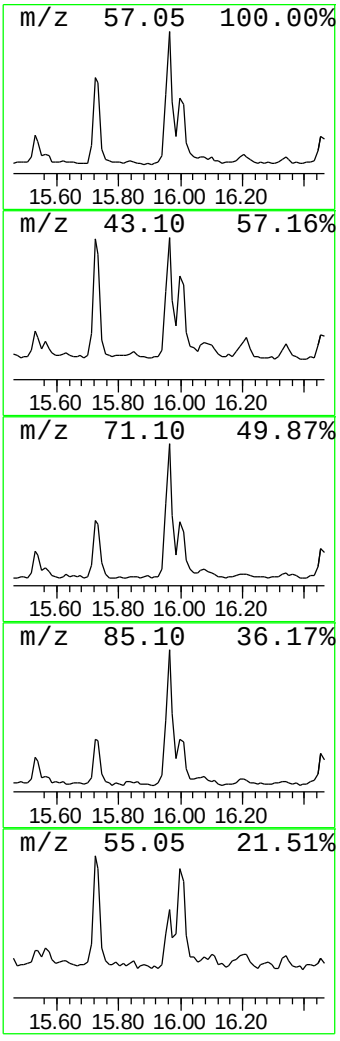
Peak Number 15 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	7.82 ng	404030	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Octacosane	394	C28H58	000630-02-4	81
4	Hexadecane	226	C16H34	000544-76-3	81
5	Heneicosane	296	C21H44	000629-94-7	76





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-05(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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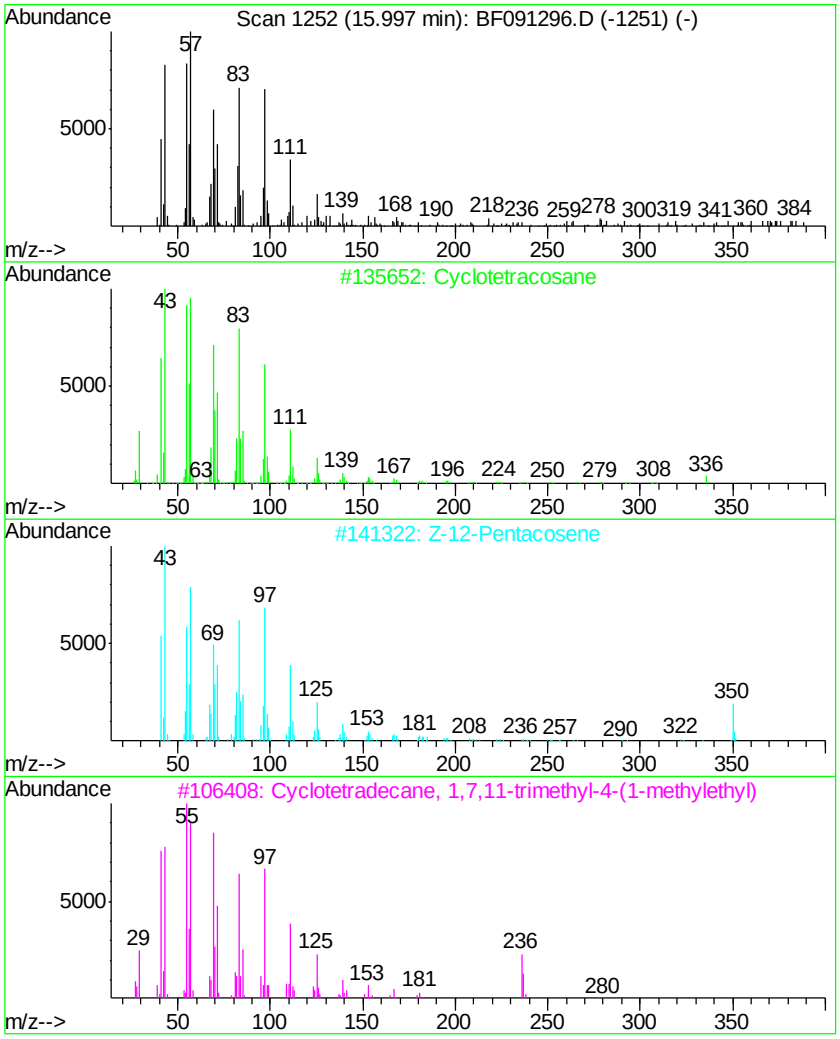
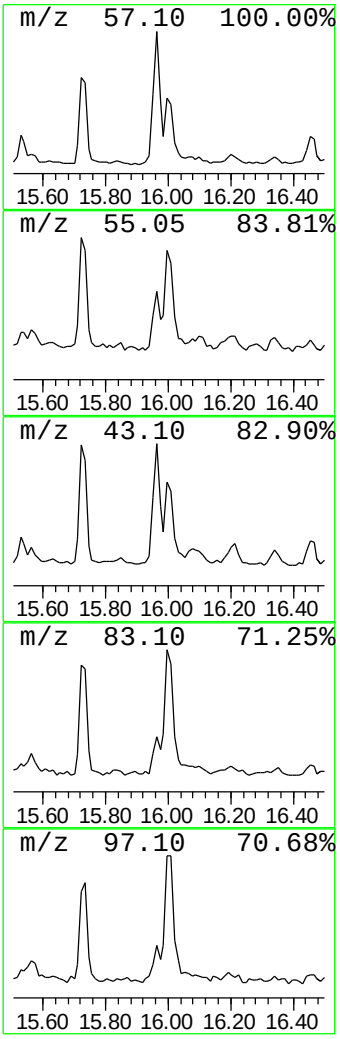
Peak Number 16 Cyclotetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	7.46 ng	385525	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	83
2	Z-12-Pentacosene	350	C25H50	1000131-09-4	74
3	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	70
4	1-Docosene	308	C22H44	001599-67-3	68
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	68





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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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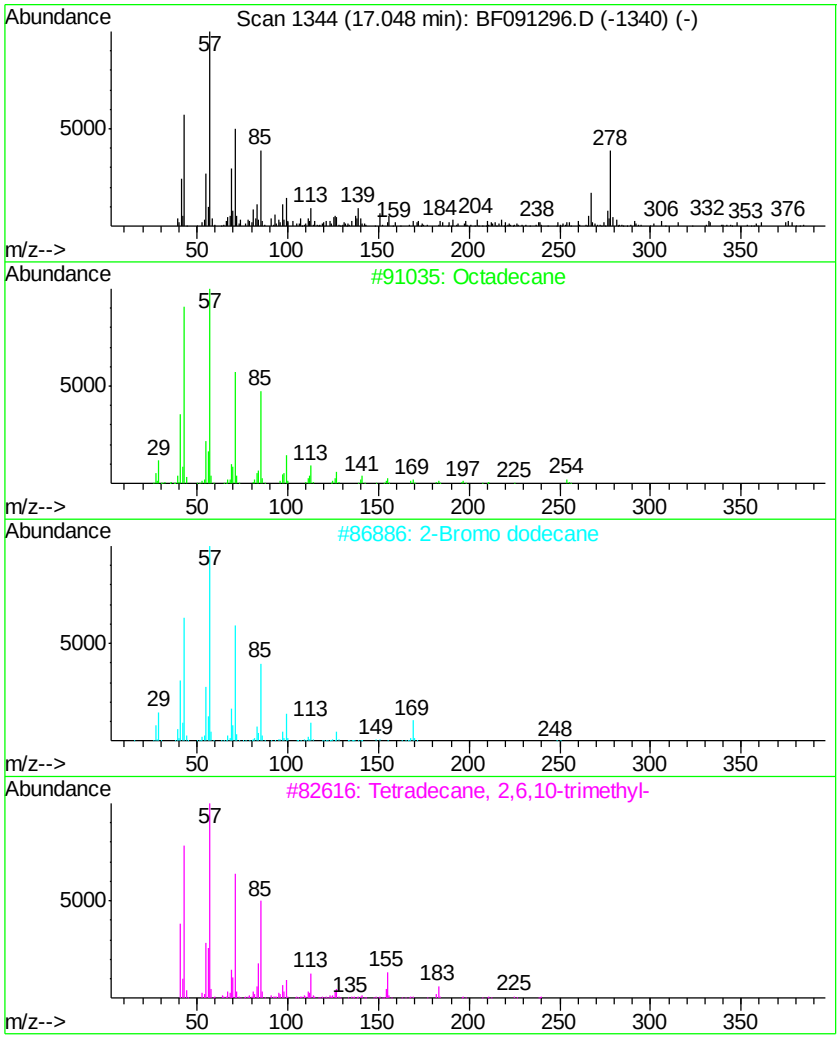
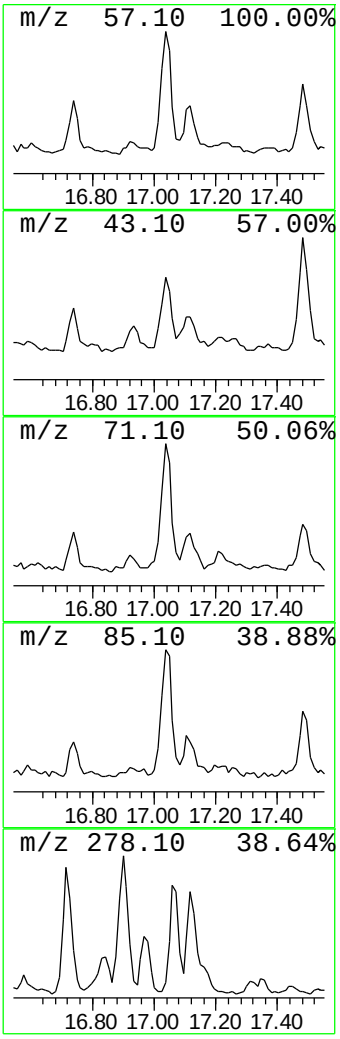
Peak Number 17 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	6.07 ng	313434	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	45
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	45
4	Behenyl chloride	344	C22H45Cl	042217-03-8	45
5	Octacosane	394	C28H58	000630-02-4	43





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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TIC Integration Parameters: LSCINT.P

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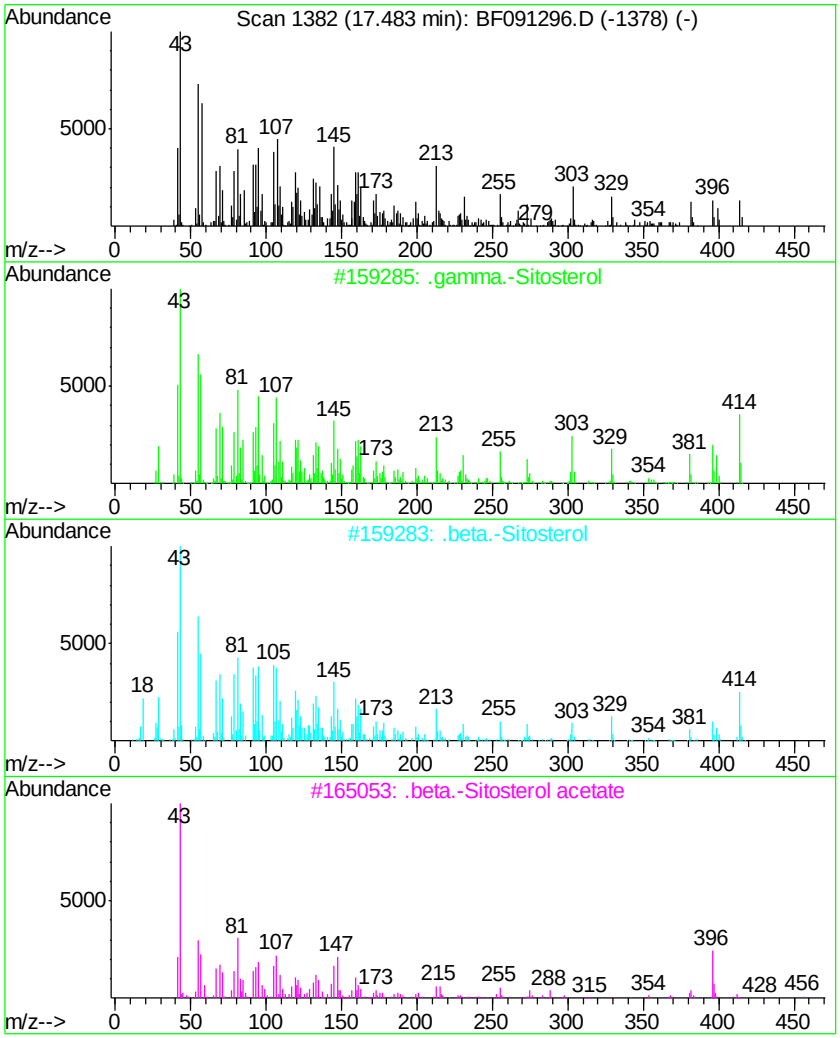
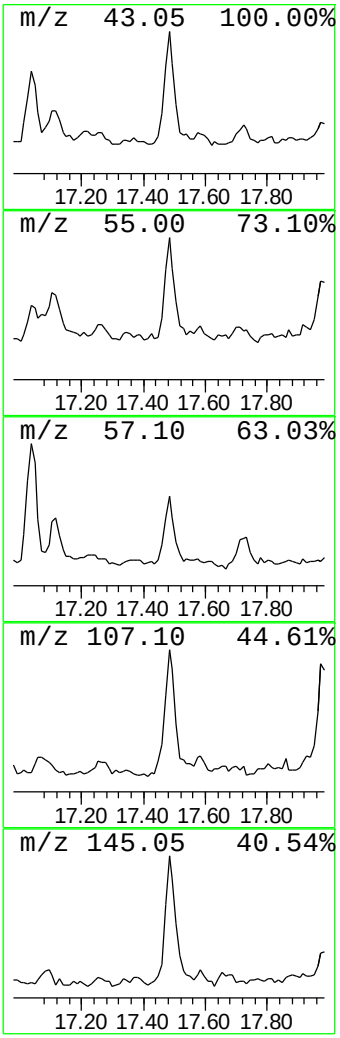
Peak Number 18 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	15.26 ng	788137	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	96
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	50
4	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	42
5	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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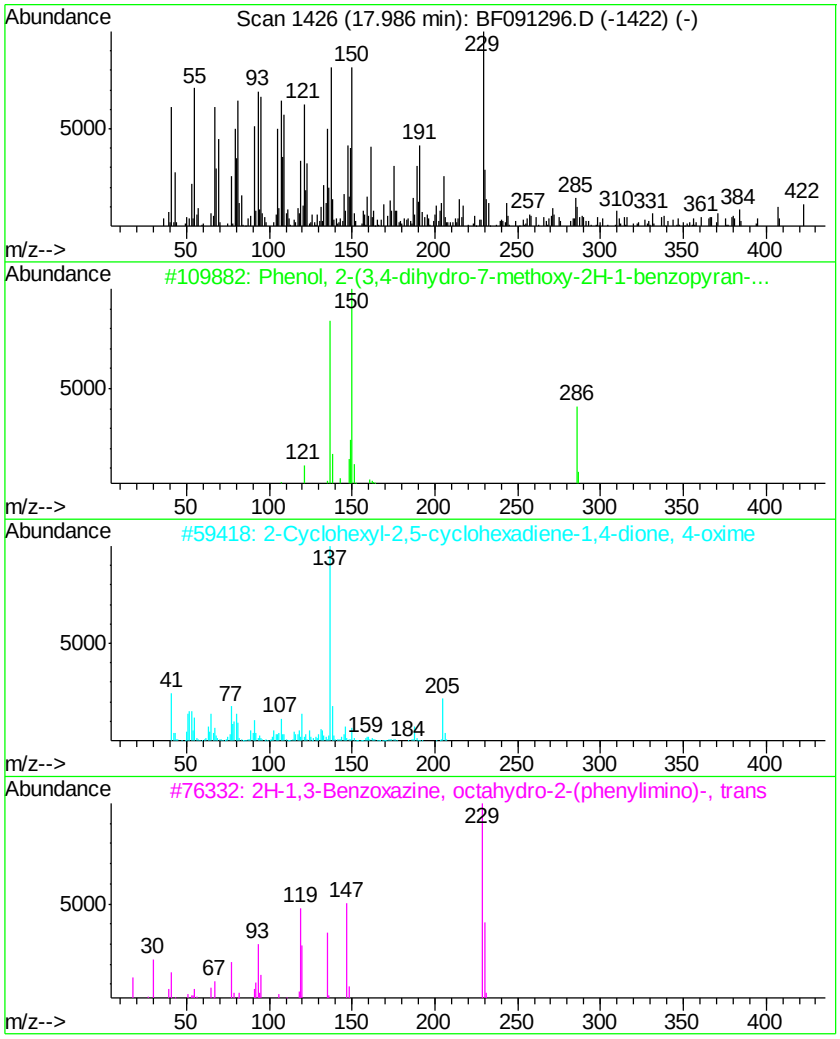
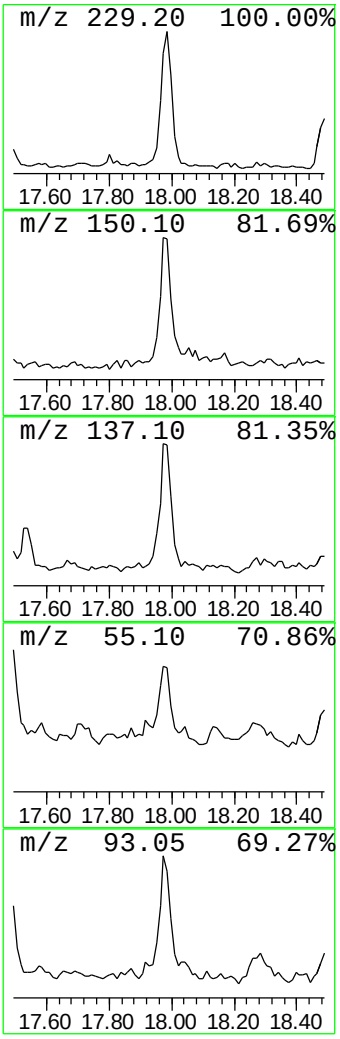
Peak Number 19 unknown17.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	9.64 ng	497889	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(3,4-dihydro-7-methoxy...	286	C17H18O4	003722-59-6	27
2	2-Cyclohexyl-2,5-cyclohexadiene-...	205	C12H15NO2	107244-54-2	25
3	2H-1,3-Benzoxazine, octahydro-2-...	230	C14H18N2O	1000138-91-8	20
4	2-(1-Hydroxyisoamyl)-1-methoxybe...	194	C12H18O2	1000250-10-7	15
5	Butyramide, 3-(2-furyl)-N-phenyl-	229	C14H15NO2	1000156-94-9	15





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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TIC Library : C:\DATABASE\NIST02.L
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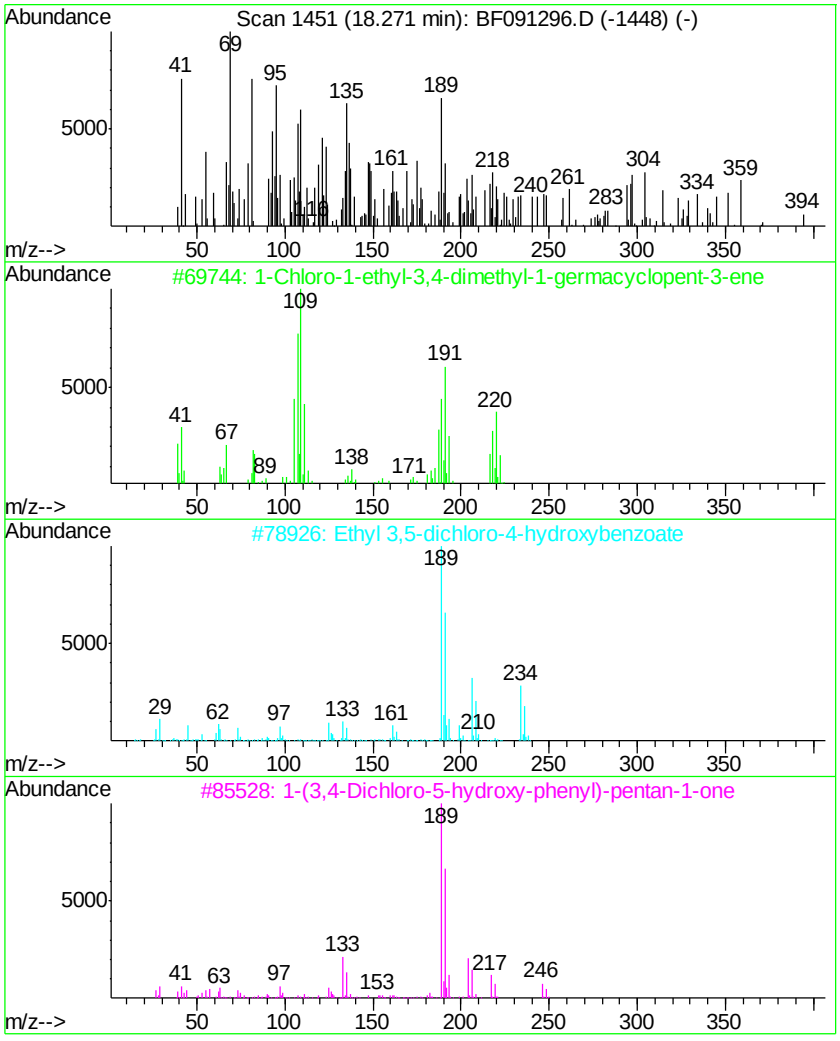
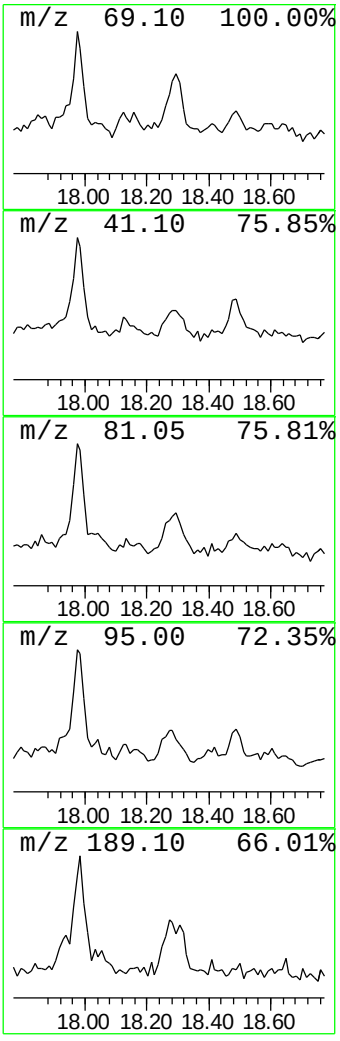
Peak Number 20 unknown18.27 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.46 ng	282279	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-1-ethyl-3,4-dimethyl-1-...	220	C8H15ClGe	026311-78-4	15
2	Ethyl 3,5-dichloro-4-hydroxybenz...	234	C9H8Cl2O3	017302-82-8	11
3	1-(3,4-Dichloro-5-hydroxy-phenyl...	246	C11H12Cl2O2	1000193-22-4	10
4	4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	10
5	Propenone, 1-(4-fluorophenyl)-3-...	312	C17H13FN2OS	1000263-71-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091296.D
Acq On : 24 Nov 2016 1:05
Operator : UM/SJ
Sample : H5740-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(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
Propane, 2,2-dime...	1.76	90.0	ng	5903320	1	6.88	1311950	20.0
2-Pentanone, 4-hy...	5.08	40.7	ng	2672090	1	6.88	1311950	20.0
unknown6.65	6.65	99.0	ng	6495900	1	6.88	1311950	20.0
Anthracene, 2-met...	11.91	5.2	ng	410345	4	11.40	1578120	20.0
n-Hexadecanoic acid	11.94	31.5	ng	2487530	4	11.40	1578120	20.0
1H-Cyclopropa[l]p...	12.01	5.6	ng	441932	4	11.40	1578120	20.0
Octadecanoic acid	12.73	15.1	ng	2135450	5	14.04	2827720	20.0
13-Docosenamide, ...	14.80	13.5	ng	698053	6	15.48	1033270	20.0
1,19-Eicosadiene	14.97	8.2	ng	422290	6	15.48	1033270	20.0
1-Hexacosene	15.17	22.0	ng	1134300	6	15.48	1033270	20.0
Benzo[e]pyrene	15.36	9.1	ng	468869	6	15.48	1033270	20.0
Heptacosane	15.96	7.8	ng	404030	6	15.48	1033270	20.0
Cyclotetracosane	16.00	7.5	ng	385525	6	15.48	1033270	20.0
Octadecane	17.05	6.1	ng	313434	6	15.48	1033270	20.0
.gamma.-Sitosterol	17.48	15.3	ng	788137	6	15.48	1033270	20.0
unknown17.99	17.99	9.6	ng	497889	6	15.48	1033270	20.0
unknown18.27	18.27	5.5	ng	282279	6	15.48	1033270	20.0