LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(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	17	rVB	5083215	6281467	82.93%	6.255%
2	1.904	17	19	40	rVB	2442032	4633586	61.17%	4.614%
3	2.167	40	42	56	rVB	90181	251750	3.32%	0.251%
4	5.081	293	297	305	rVB	1648426	2721063	35.92%	2.710%
5	5.493	329	333	335	rBV	6094841	7574499	100.00%	7.543%
6	6.510	419	422	425	rVB	4997752	6956993	91.85%	6.928%
7	6.647	431	434	437	rVB	5435106	6455901	85.23%	6.429%
8	6.762	440	444	446	rVB	149136	203103	2.68%	0.202%
9	6.876	452	454	456	rBV	1456847	1400304	18.49%	1.394%
10	6.922	456	458	459	rVV	502089	543256	7.17%	0.541%
11	7.036	465	468	470	rVB	4951708	4874105	64.35%	4.854%
12	7.447	500	504	506	rBV	4148666	4918188	64.93%	4.897%
13	7.893	535	543	547	rBV	263310	569272	7.52%	0.567%
14	8.167	564	567	569	rBV	1839976	1937946	25.59%	1.930%
15	8.590	602	604	609	rVB2	133655	173016	2.28%	0.172%
16	8.979	636	638	642	rBV	79632	93268	1.23%	0.093%
17	9.242	658	661	663	rBV	5614886	6417880	84.73%	6.391%
18	9.379	671	673	675	rVB	345534	417713	5.51%	0.416%
19	9.630	693	695	698	rBV	644725	790179	10.43%	0.787%
20	9.916	718	720	722	rVB	2085140	1887405	24.92%	1.879%
21	10.328	754	756	758	rBV	51974	87020	1.15%	0.087%
22	10.659	783	785	786	rVV	66439	102458	1.35%	0.102%
23	10.705	786	789	792	rVV	4173414	4330366	57.17%	4.312%
24	10.773	794	795	798	rVV	276769	268236	3.54%	0.267%
25	10.831	798	800	804	rVB	176283	209374	2.76%	0.208%
26	11.048	818	819	824	rVB2	96438	156775	2.07%	0.156%
27	11.173	828	830	835	rVB2	74795	133215	1.76%	0.133%
28	11.276	837	839	841	rBV	179280	176162	2.33%	0.175%
29	11.356	844	846	848	rBV	367773	385387	5.09%	0.384%
30	11.402	848	850	852	rBV	1964952	1943815	25.66%	1.936%
31	11.516	858	860	862	rVB2	201604	173084	2.29%	0.172%
32	11.573	862	865	868	rVB2	64246	100680	1.33%	0.100%
33	11.711	875	877	880	rVB	123333	169598	2.24%	0.169%
34	11.871	888	891	892	rBV	304932	414072	5.47%	0.412%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(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	607792	670697	8.85%	0.668%
36	11.939	895	897	902	rVV	1551011	1822998	24.07%	1.815%
37	12.008	902	903	908	rVV2	60173	135355	1.79%	0.135%
38	12.111	910	912	917	rVV	212387	267477	3.53%	0.266%
39	12.191	917	919	924	rVB2	51240	81668	1.08%	0.081%
40	12.442	940	941	943	rVB	61933	77609	1.02%	0.077%
41	12.614	953	956	957	rBV	210169	356058	4.70%	0.355%
42	12.659	957	960	963	rVV	242409	467188	6.17%	0.465%
43	12.716	963	965	972	rVB2	455709	724330	9.56%	0.721%
44	12.831	972	975	978	rBV2	219570	305826	4.04%	0.305%
45	12.991	986	989	991	rVB	4517981	4344154	57.35%	4.326%
46	13.162	999	1004	1006	rBV2	43430	137429	1.81%	0.137%
47	13.196	1006	1007	1009	rVV	746851	738369	9.75%	0.735%
48	13.231	1009	1010	1012	rVB	322524	233109	3.08%	0.232%
49	13.357	1017	1021	1023	rVV3	41375	91471	1.21%	0.091%
50	13.437	1026	1028	1032	rVV3	45649	92166	1.22%	0.092%
51	13.562	1036	1039	1043	rVB3	94364	222967	2.94%	0.222%
52	13.665	1046	1048	1051	rVV2	88642	157207	2.08%	0.157%
53	13.837	1060	1063	1065	rBV3	42318	77421	1.02%	0.077%
54	13.894	1065	1068	1073	rVV3	727507	1602892	21.16%	1.596%
55	14.031	1075	1080	1085	rVV	1413387	1847131	24.39%	1.839%
56	14.134	1085	1089	1091	rVV2	131922	288317	3.81%	0.287%
57	14.202	1093	1095	1098	rVV2	169745	291826	3.85%	0.291%
58	14.259	1098	1100	1105	rVB	264402	288531	3.81%	0.287%
59	14.339	1105	1107	1110	rBV2	277007	311929	4.12%	0.311%
60	14.522	1121	1123	1125	rBV	1785064	1596194	21.07%	1.589%
61	14.648	1132	1134	1135	rVB	100558	106320	1.40%	0.106%
62	14.728	1139	1141	1145	rBV4	64301	95516	1.26%	0.095%
63	14.797	1145	1147	1149	rBV	516774	569878	7.52%	0.567%
64	14.968	1159	1162	1164	rBV	1333959	1377219	18.18%	1.371%
65	15.060	1167	1170	1176	rBV	227686	504469	6.66%	0.502%
66	15.174	1176	1180	1183	rBV	904431	1423864	18.80%	1.418%
67	15.322	1190	1193	1194	rBV	131233	157596	2.08%	0.157%
68	15.345	1194	1195	1198	rVB	108968	141878	1.87%	0.141%
69	15.414	1198	1201	1203	rBV	125622	226129	2.99%	0.225%
70	15.471	1203	1206	1209	rVV	915558	1326827	17.52%	1.321%
71	15.562	1211	1214	1217	rVB	151224	235742	3.11%	0.235%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.734	1225	1229	1232	rBV	1604499	2495449	32.95%	2.485%
73	15.860	1237	1240	1244	rVB2	45457	92982	1.23%	0.093%
74	15.962	1246	1249	1250	rBV	133626	198199	2.62%	0.197%
75	15.997	1250	1252	1257	rVB	598007	998367	13.18%	0.994%
76	16.214	1268	1271	1274	rVB2	94914	193443	2.55%	0.193%
77	16.340	1279	1282	1286	rBV4	114970	209939	2.77%	0.209%
78	16.740	1313	1317	1326	rBV2	179802	452311	5.97%	0.450%
79	16.888	1326	1330	1332	rBV2	79082	218736	2.89%	0.218%
80	17.048	1340	1344	1345	rBV	38855	109749	1.45%	0.109%
81	17.105	1345	1349	1357	rVB2	140035	454366	6.00%	0.452%
82	17.483	1377	1382	1388	rBV2	527422	1362678	17.99%	1.357%
83	17.574	1388	1390	1395	rVB3	79964	192330	2.54%	0.192%
84	17.700	1395	1401	1406	rBV6	61418	251479	3.32%	0.250%
85	17.917	1417	1420	1422	rVV3	93182	244412	3.23%	0.243%
86	17.974	1422	1425	1429	rVV2	216590	509969	6.73%	0.508%
87	18.043	1429	1431	1435	rVB3	47643	109754	1.45%	0.109%
88	18.123	1435	1438	1441	rBV5	39729	119544	1.58%	0.119%
89	18.260	1447	1450	1453	rBV5	67017	184659	2.44%	0.184%
90	18.408	1460	1463	1466	rBV3	42956	103922	1.37%	0.103%
91	18.477	1466	1469	1477	rVB3	149513	461117	6.09%	0.459%
92	19.506	1553	1559	1562	rBV5	96268	312504	4.13%	0.311%

Sum of corrected areas: 100422802

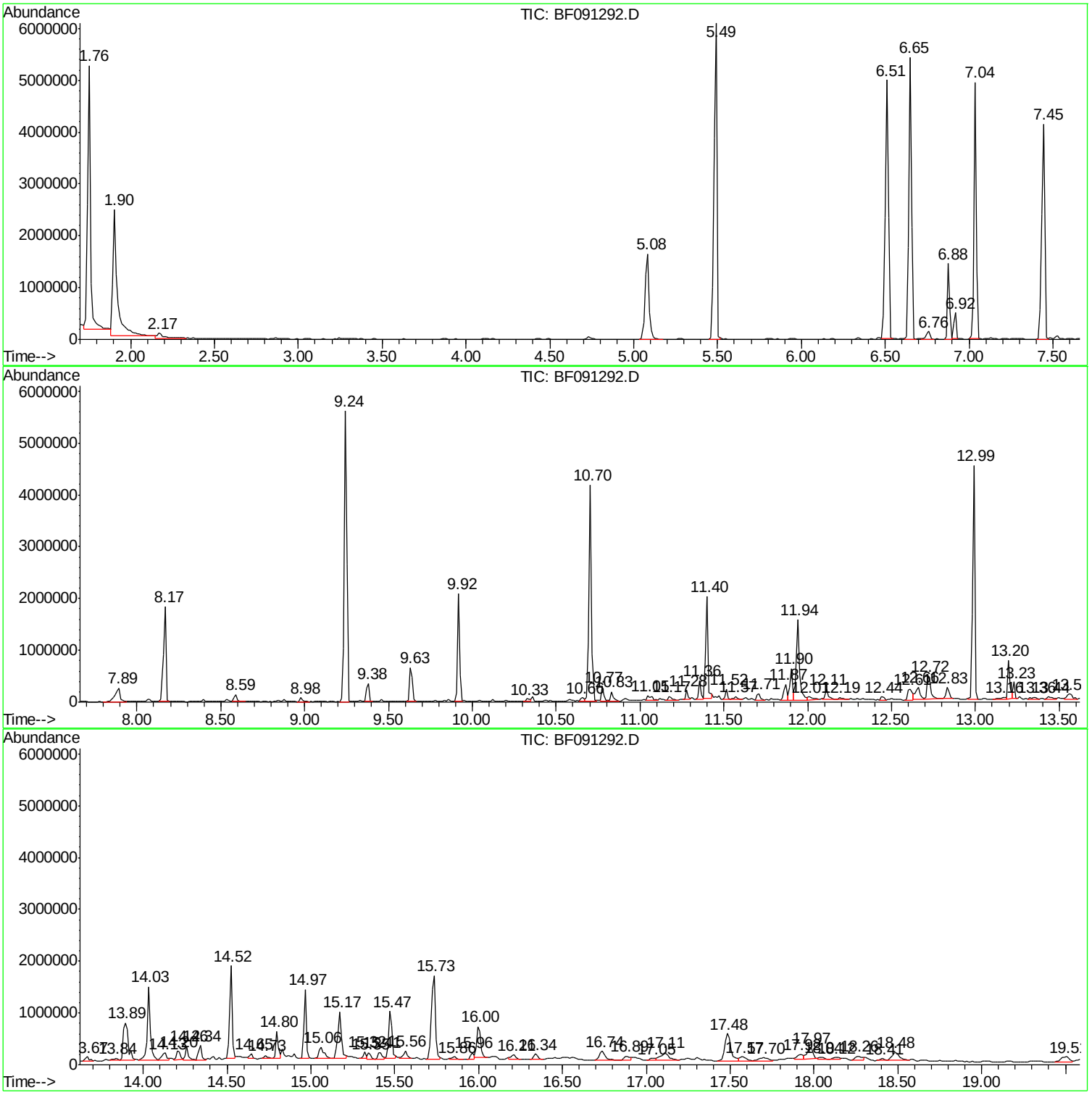
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(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 : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(0-0.16)

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

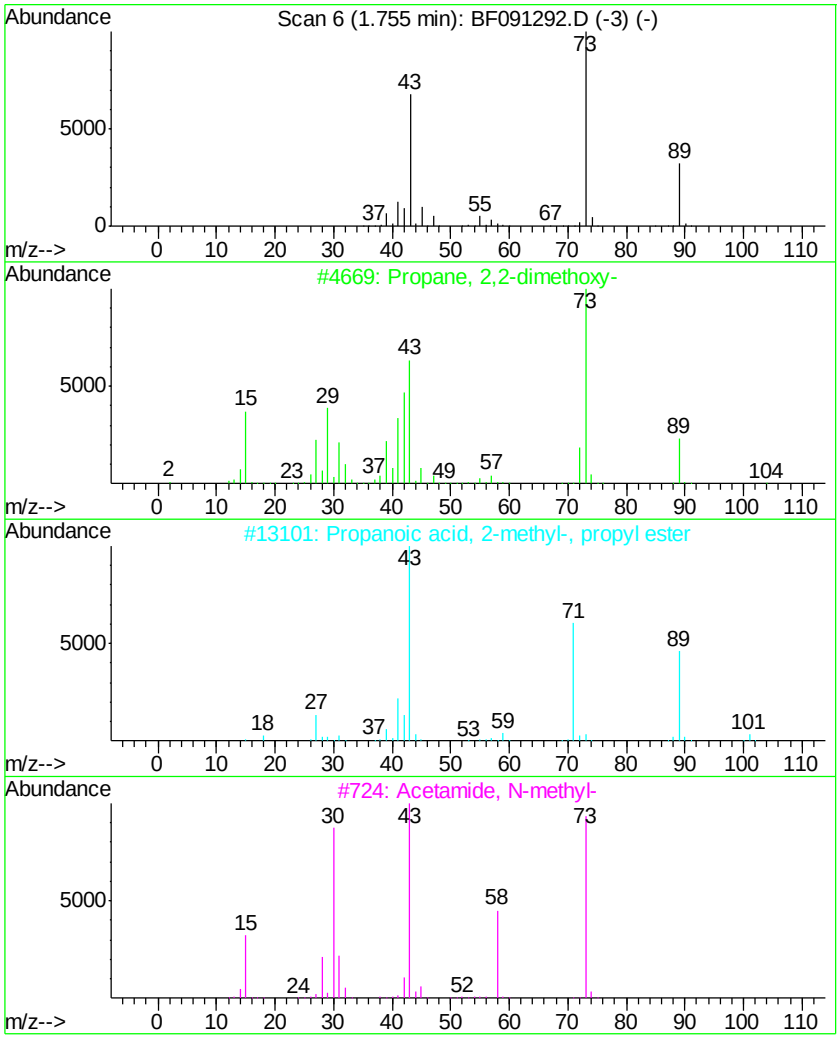
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

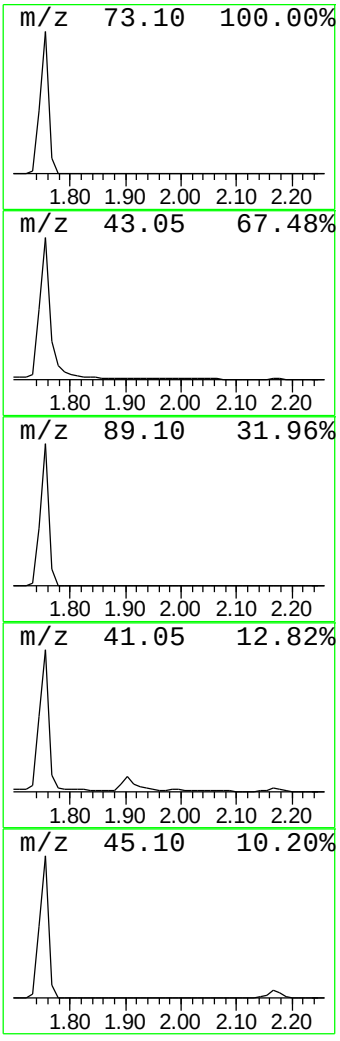
****

Peak Number 1 unknown1.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	89.72 ng	6281470	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	42
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	17
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(0-0.16)

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

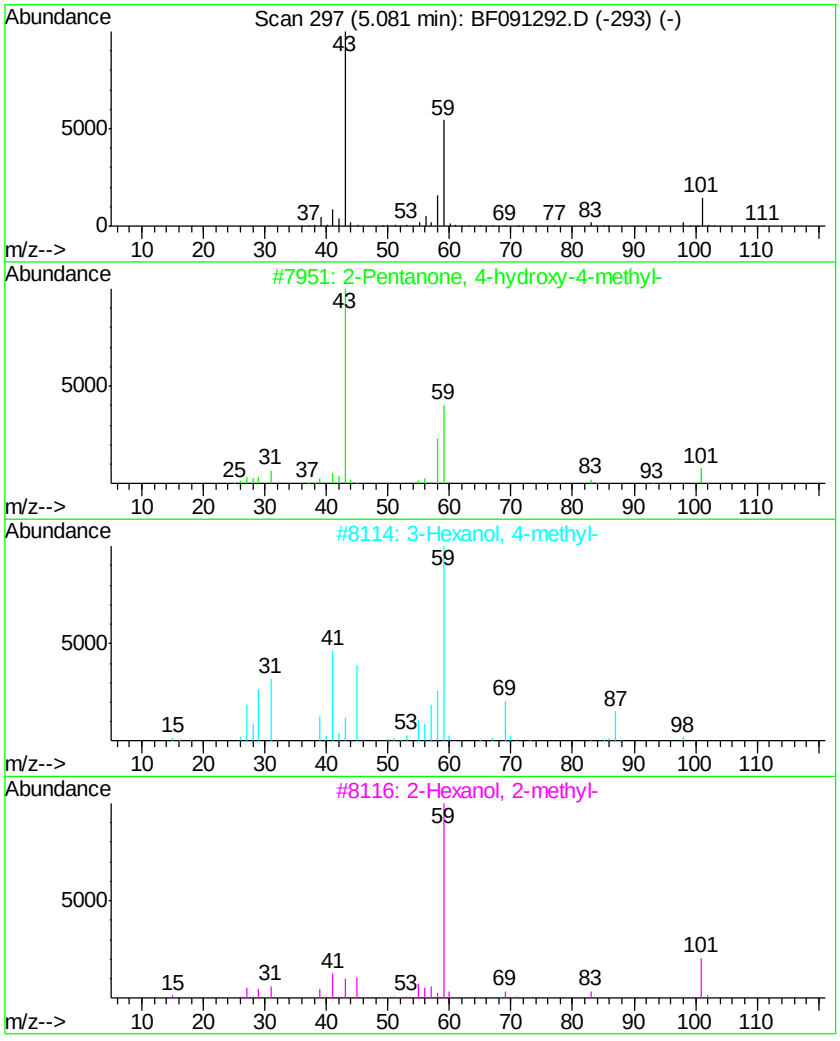
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

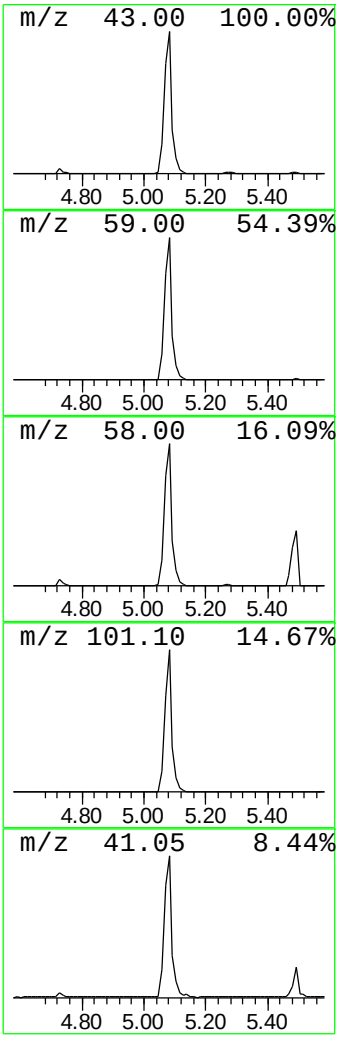
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	38.86 ng	2721060	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	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	25
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(0-0.16)

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

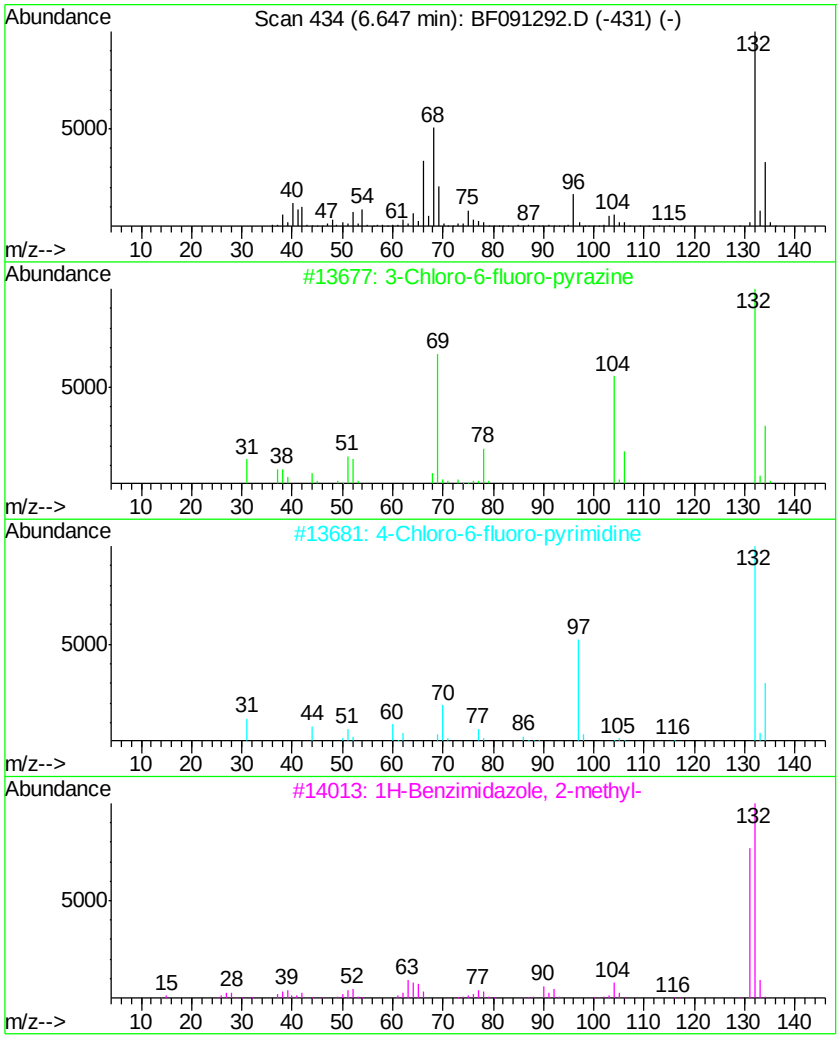
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

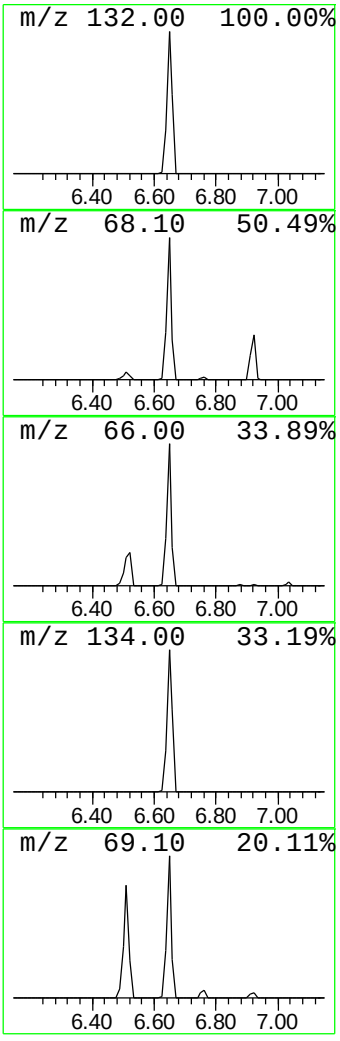
****

Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	92.21 ng	6455900	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





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(0-0.16)

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

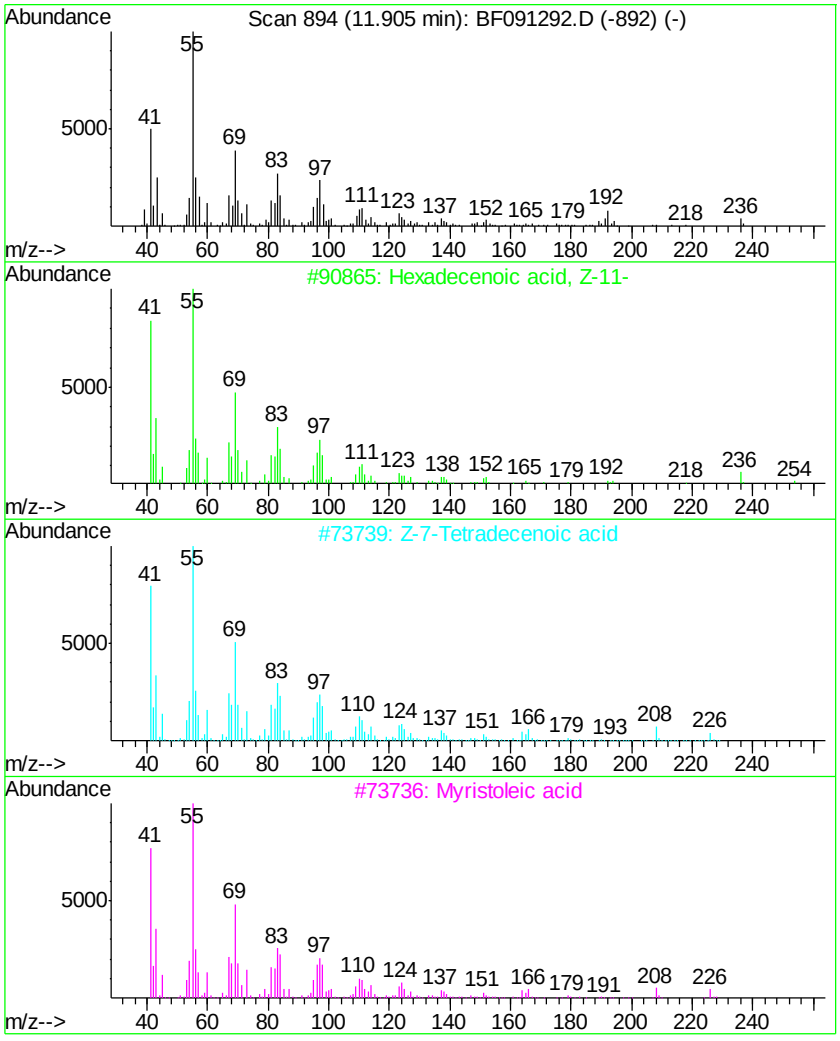
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

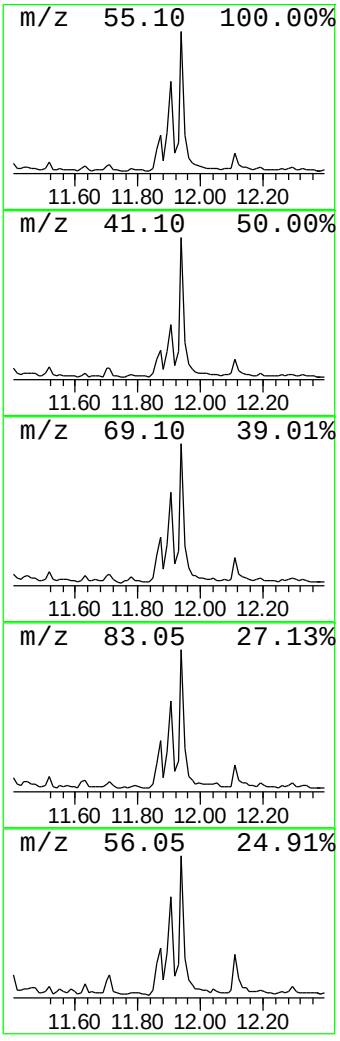
****

Peak Number 6 Hexadecenoic acid, Z-11- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.90 ng	670697	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	58
3	Myristoleic acid	226	C14H26O2	000544-64-9	58
4	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	58
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(0-0.16)

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

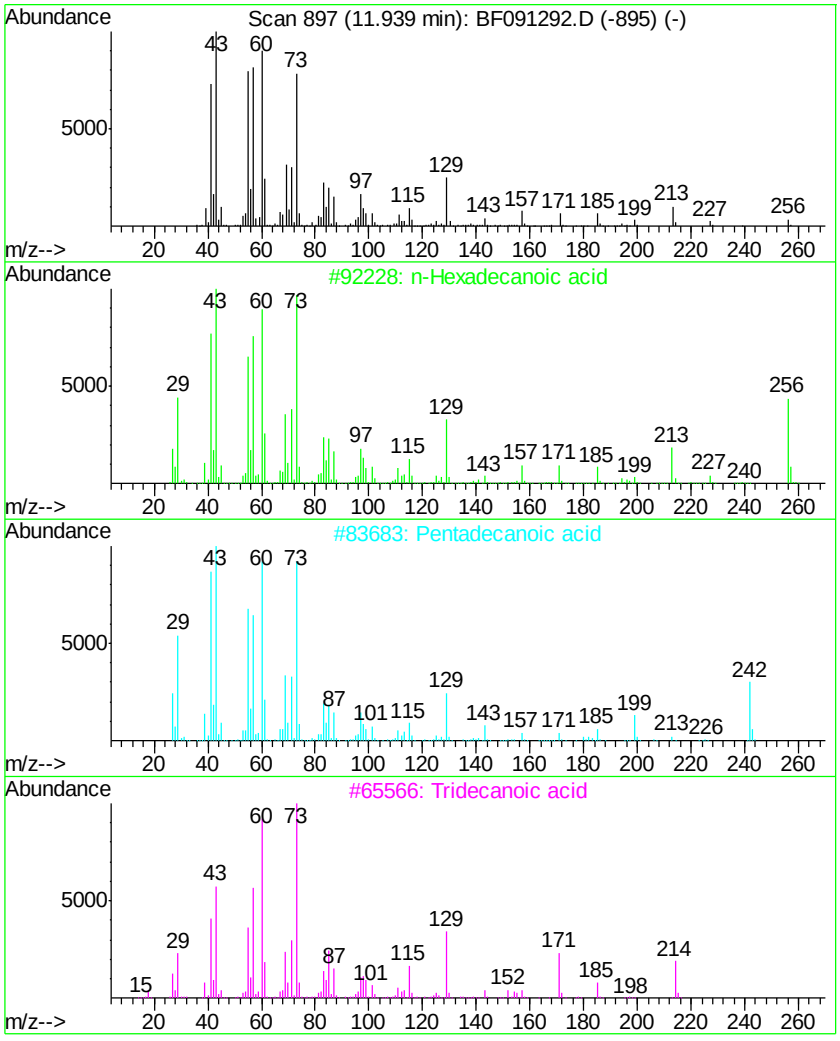
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

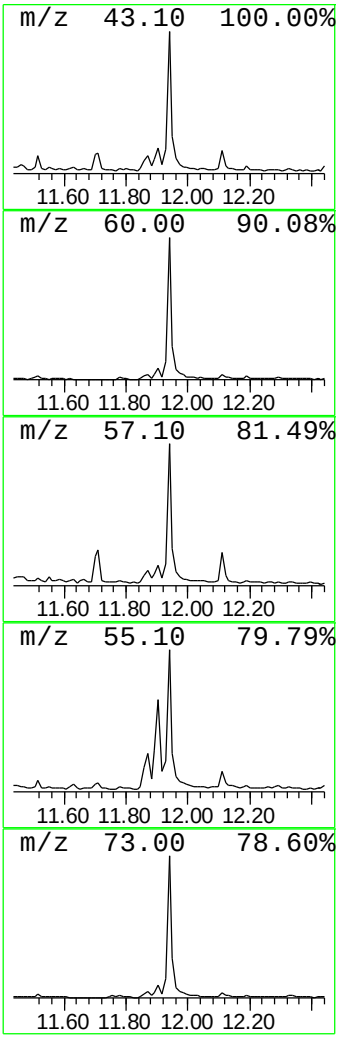
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	18.76 ng	1823000	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(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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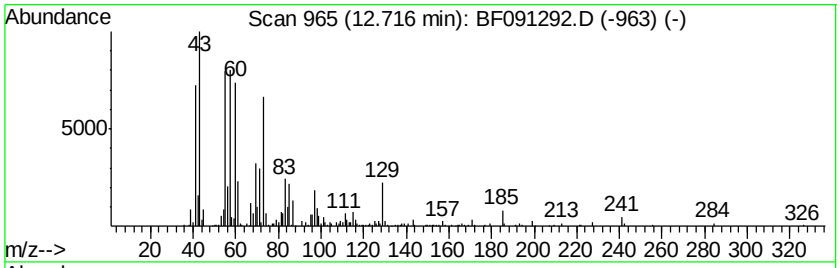
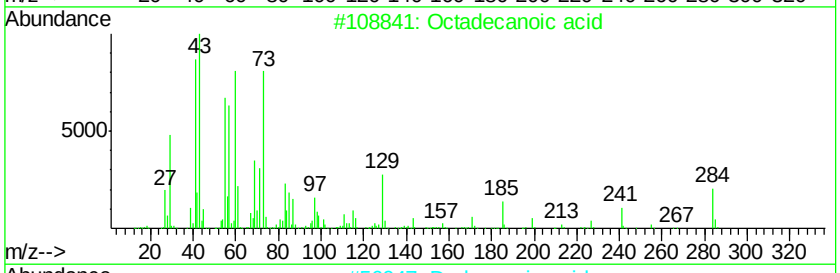
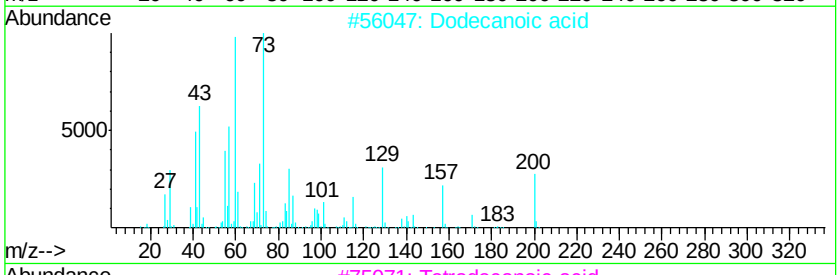
Peak Number 8 Octadecanoic acid Concentration Rank 16

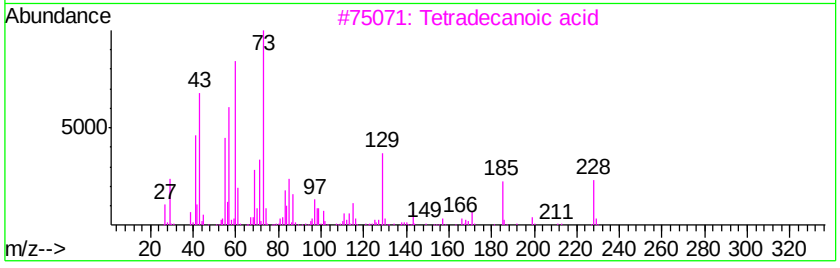
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	7.84 ng	724330	Chrysene-d12	14.03

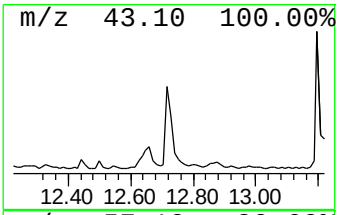
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58

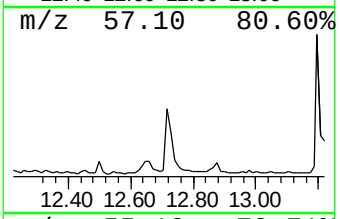


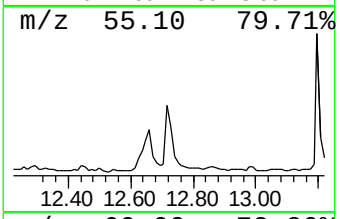


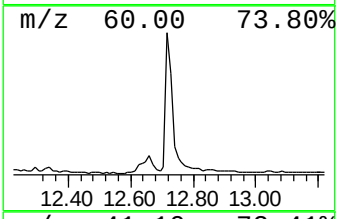


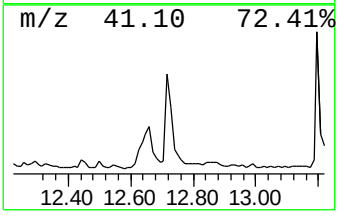












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Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : SB-03(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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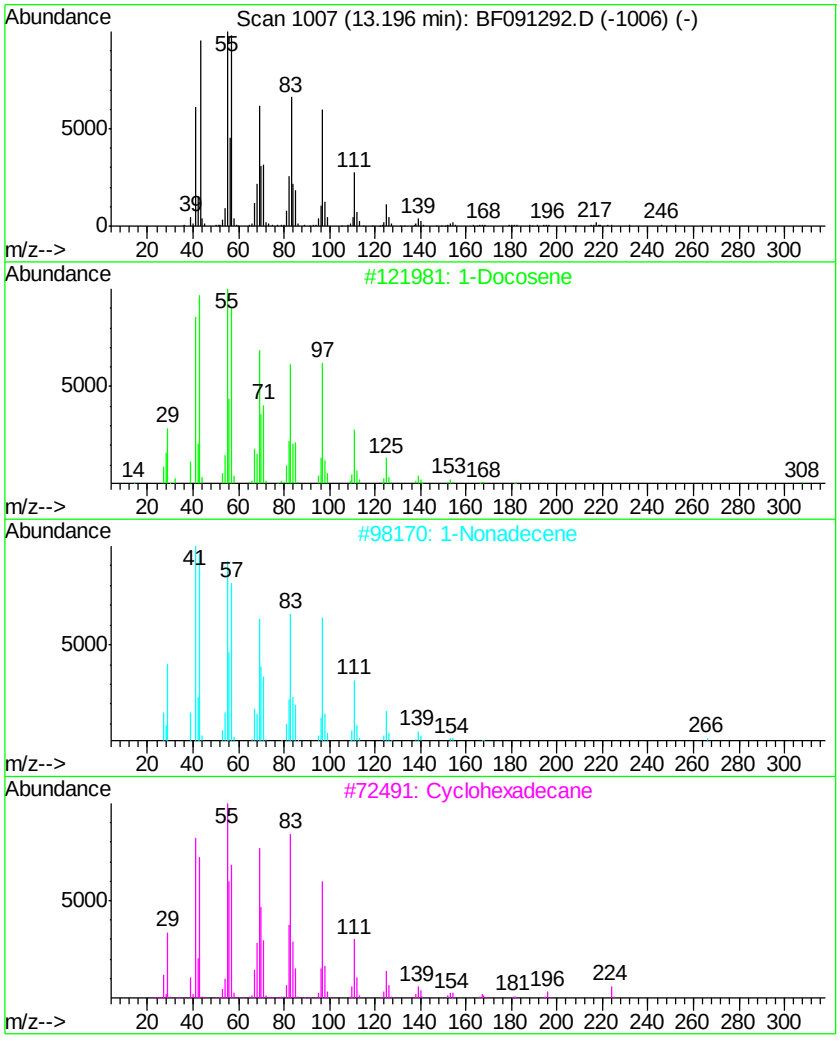
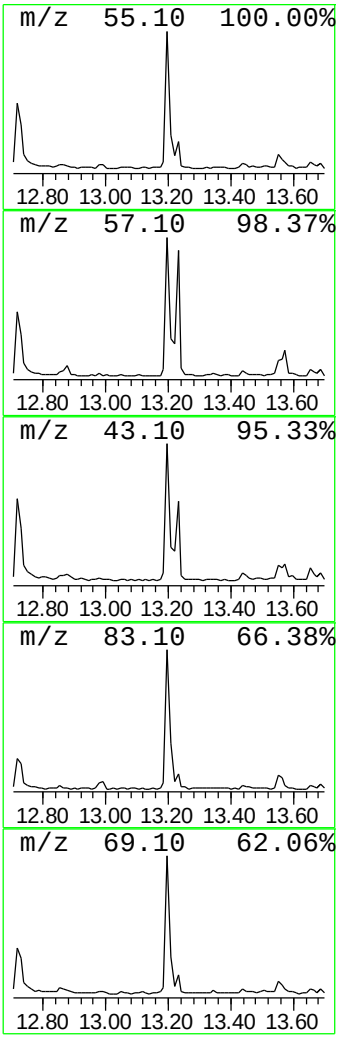
Peak Number 9 1-Docosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	7.99 ng	738369	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	Isoheptadecanol	256	C17H36O	057289-07-3	90
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	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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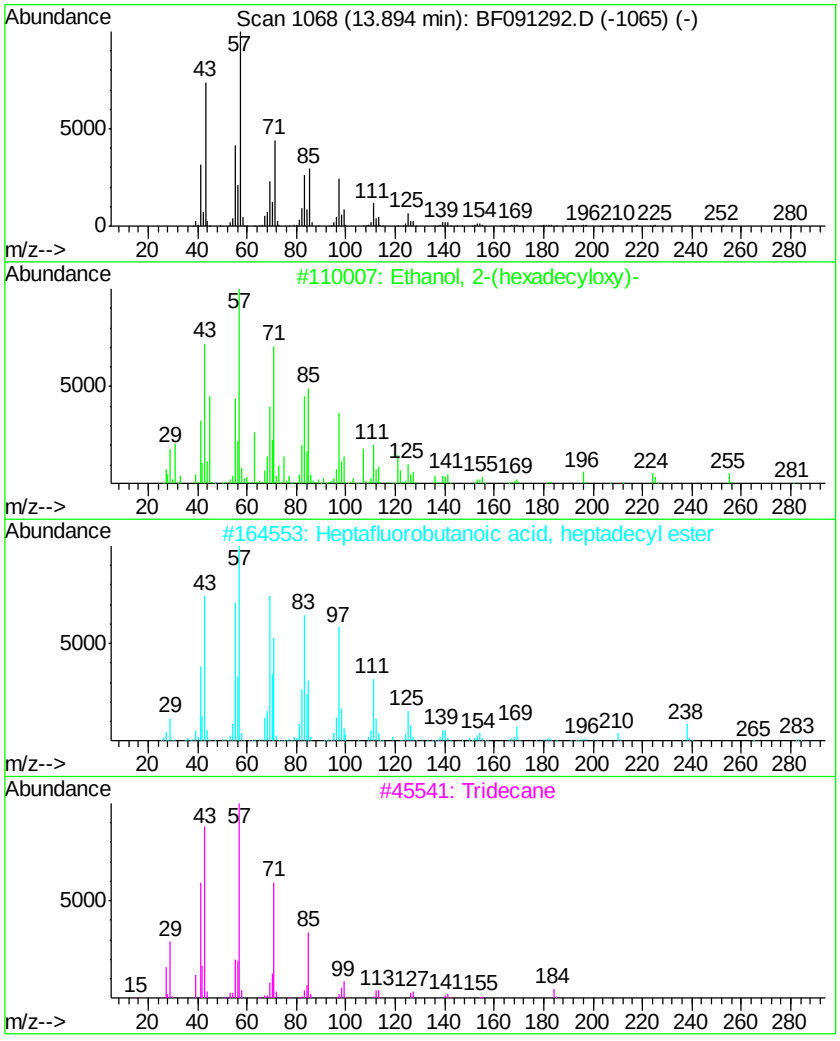
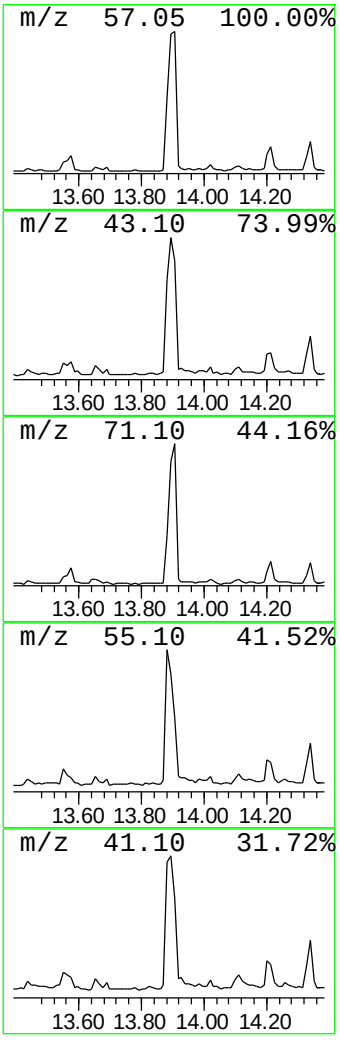
Peak Number 10 Ethanol, 2-(hexadecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	17.36 ng	1602890	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	64
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	53
3	Tridecane	184	C13H28	000629-50-5	52
4	Decane	142	C10H22	000124-18-5	52
5	Nonadecane	268	C19H40	000629-92-5	49





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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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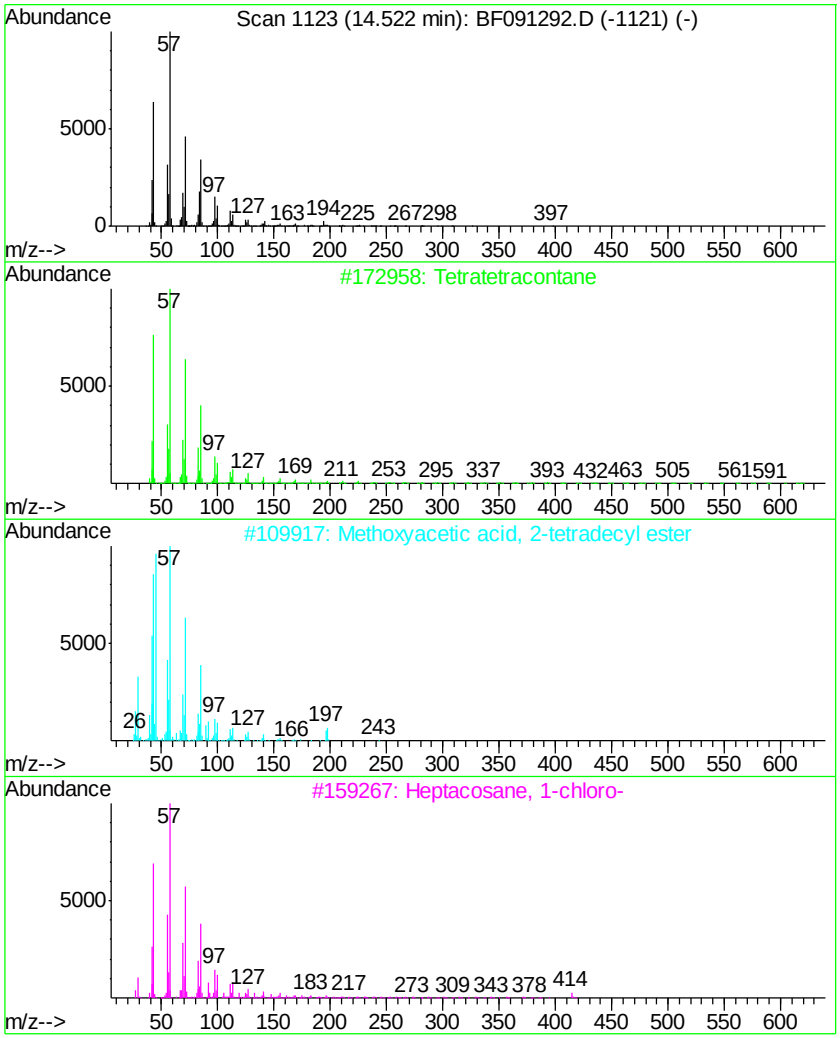
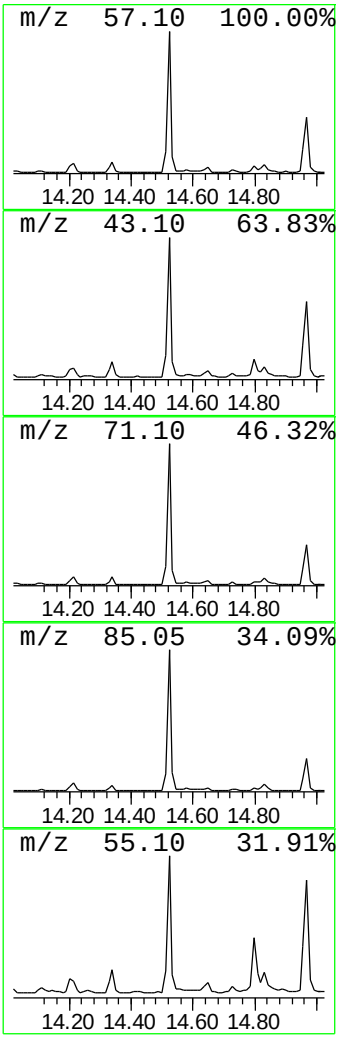
Peak Number 11 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	17.28 ng	1596190	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
5	Tetracosane	338	C24H50	000646-31-1	80





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Instrument : BNA_F
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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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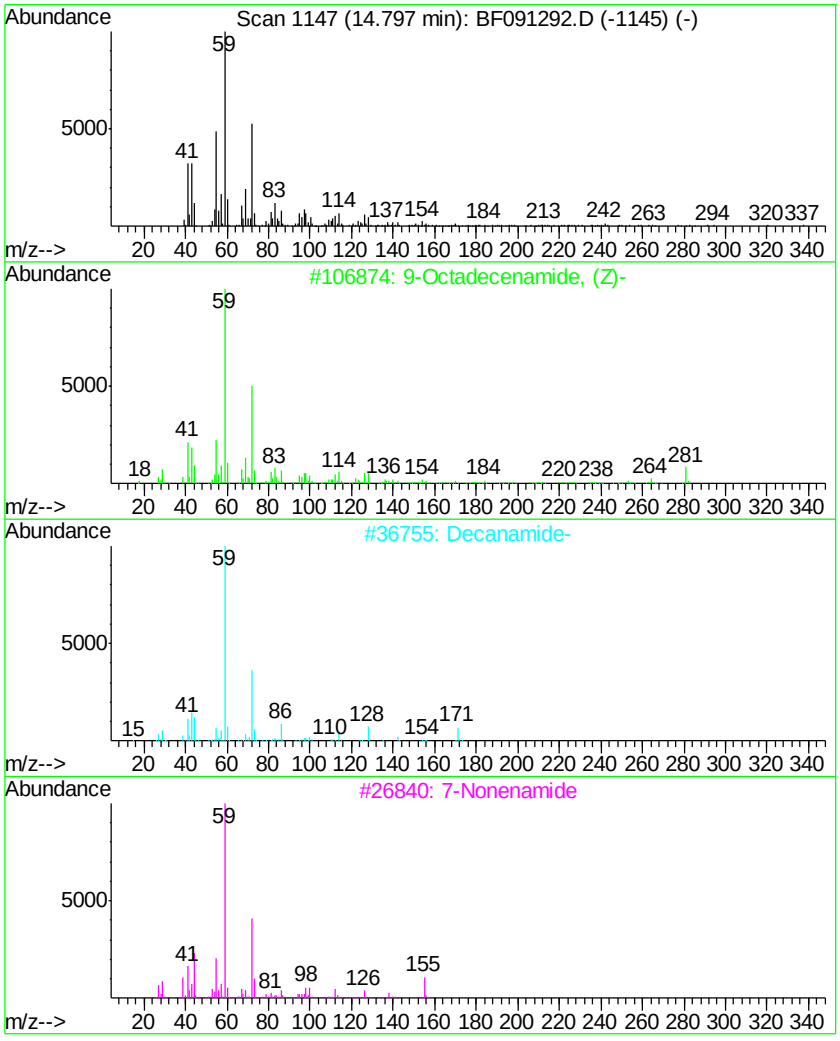
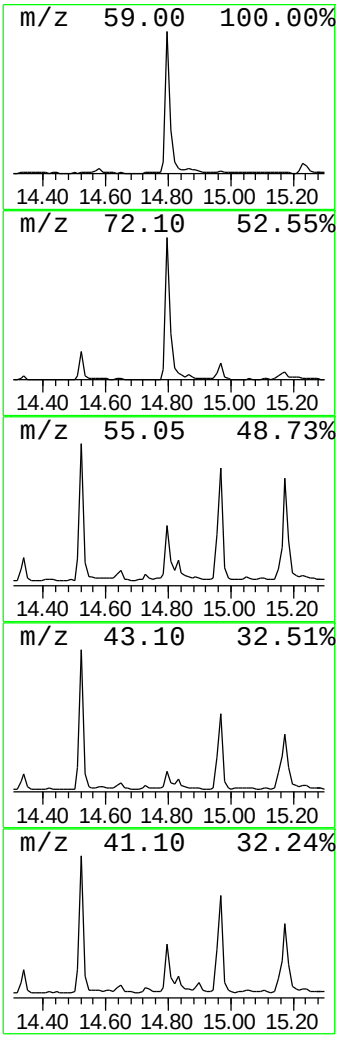
Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.59 ng	569878	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	7-Nonenamide	155	C9H17NO	090949-53-4	72
4	Dodecanamide	199	C12H25NO	001120-16-7	68
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64





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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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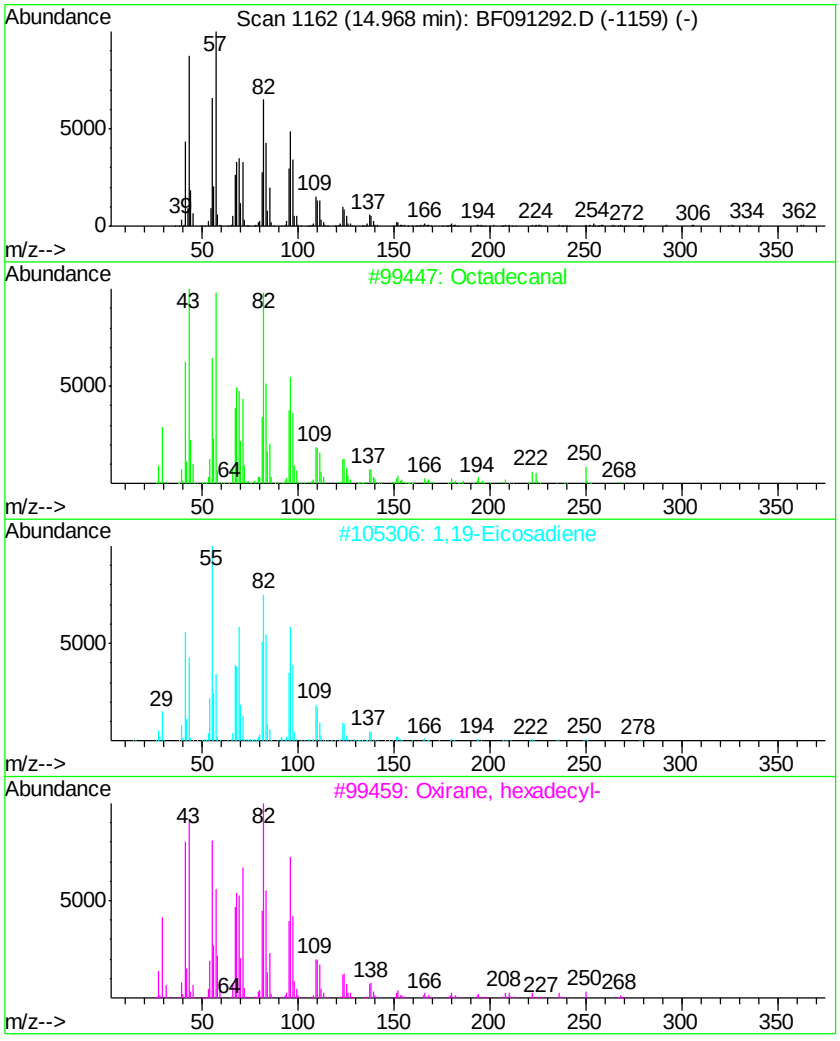
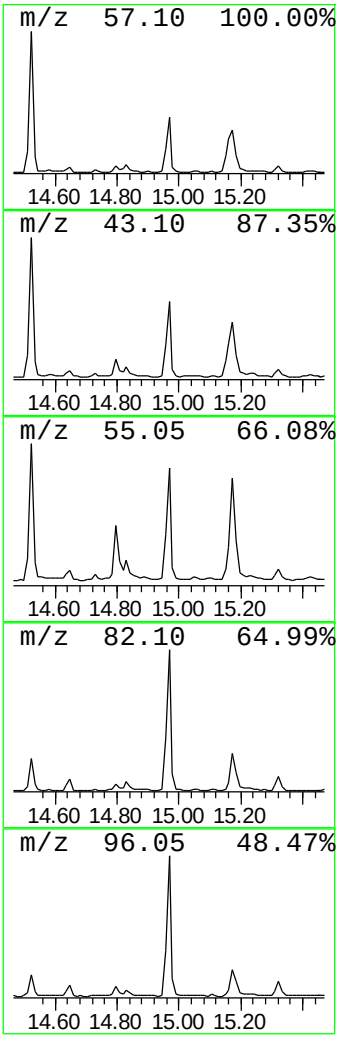
Peak Number 13 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	20.76 ng	1377220	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Tetradecanal	212	C14H28O	000124-25-4	90
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	87





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(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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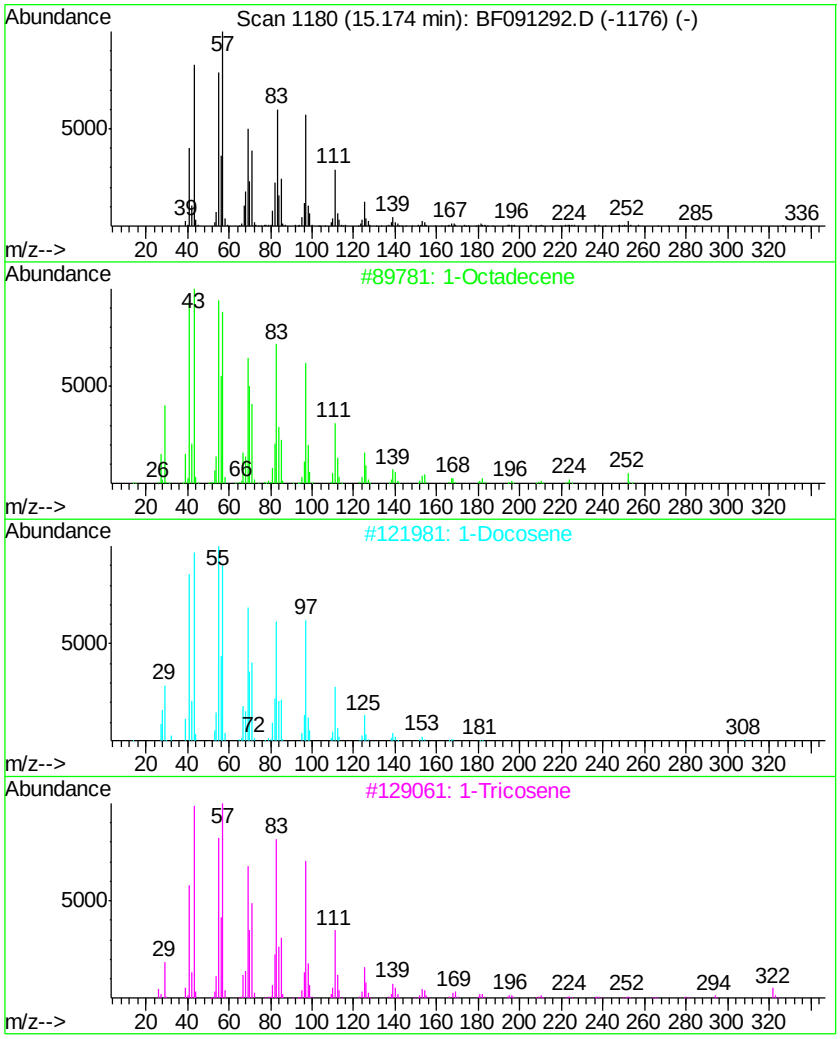
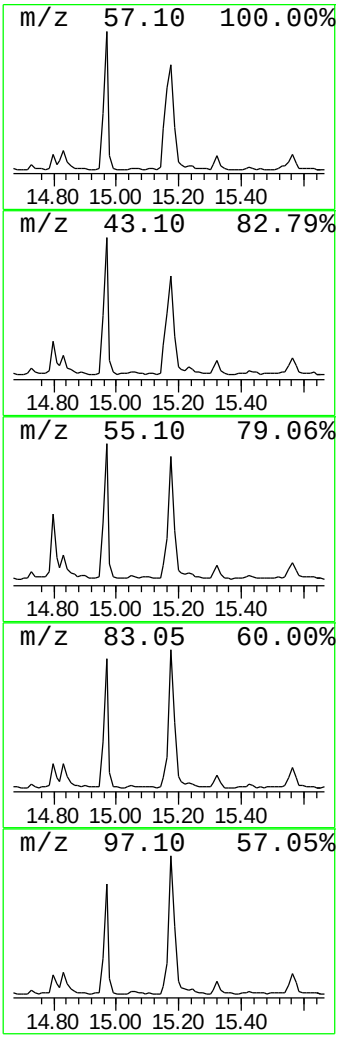
Peak Number 14 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	21.46 ng	1423860	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	1-Docosene	308	C22H44	001599-67-3	90
3	1-Tricosene	322	C23H46	018835-32-0	87
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	87
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	81





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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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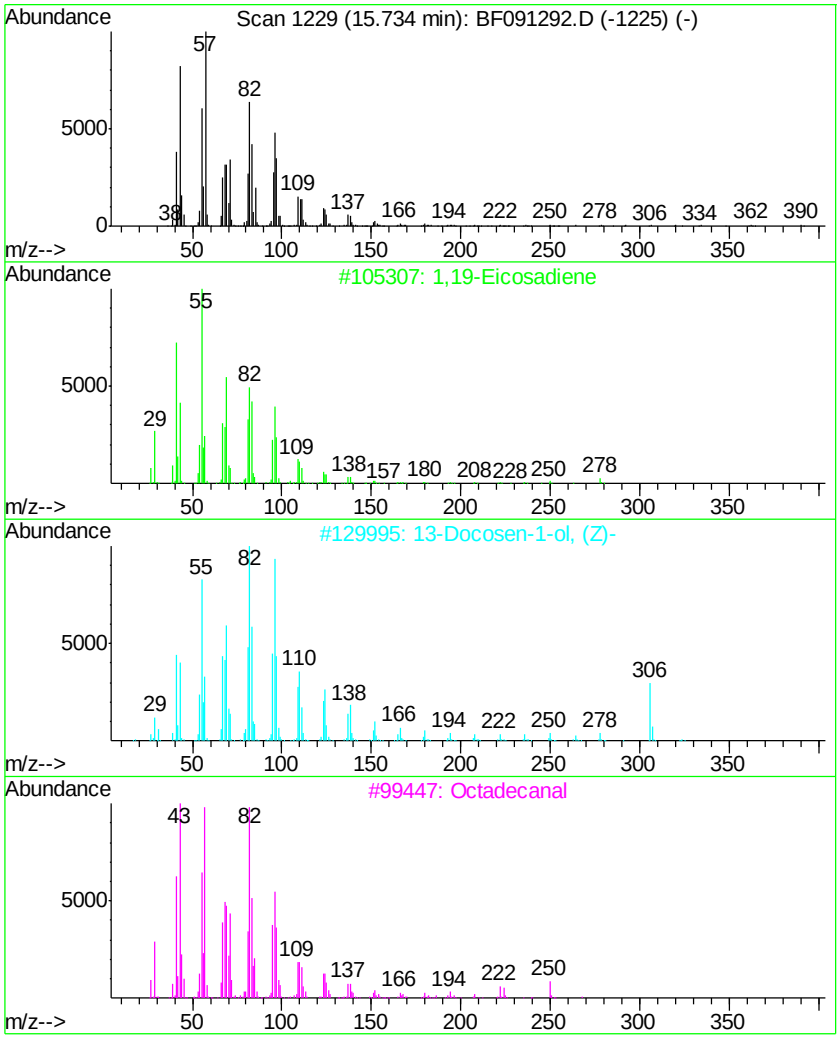
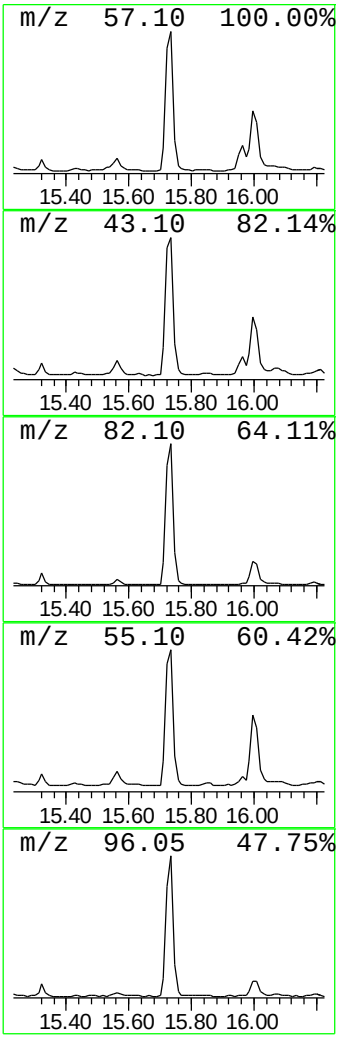
Peak Number 15 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	37.62 ng	2495450	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	95
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





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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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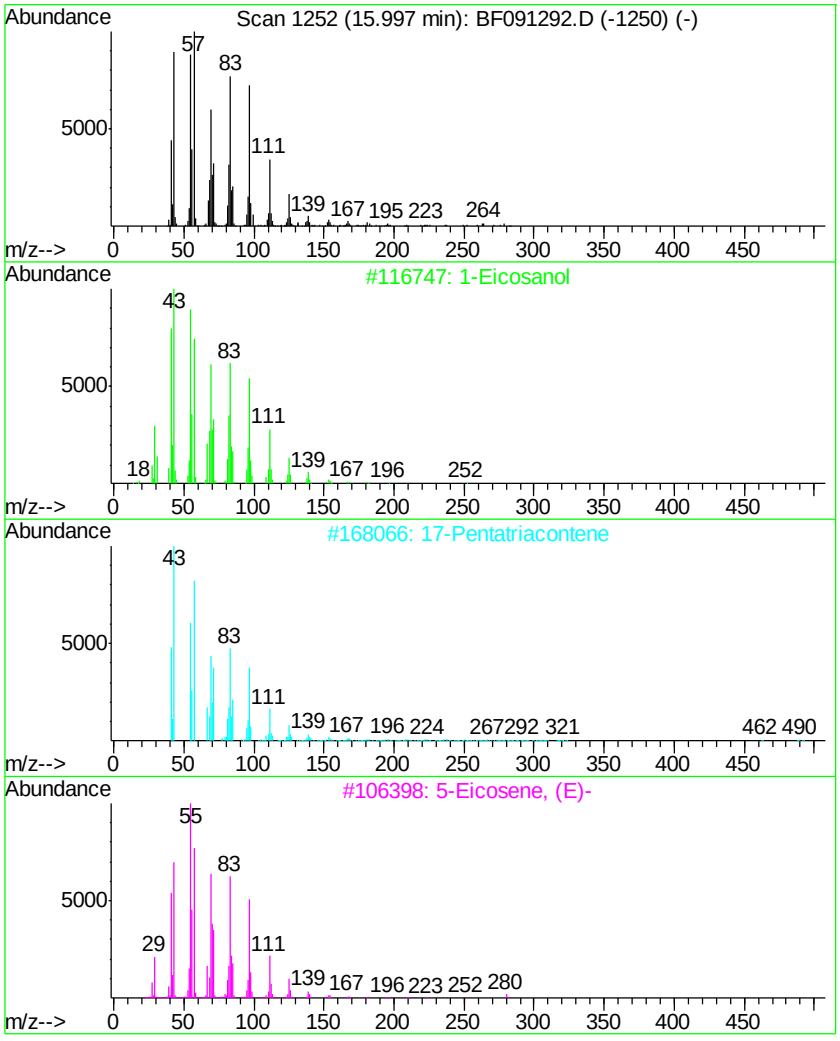
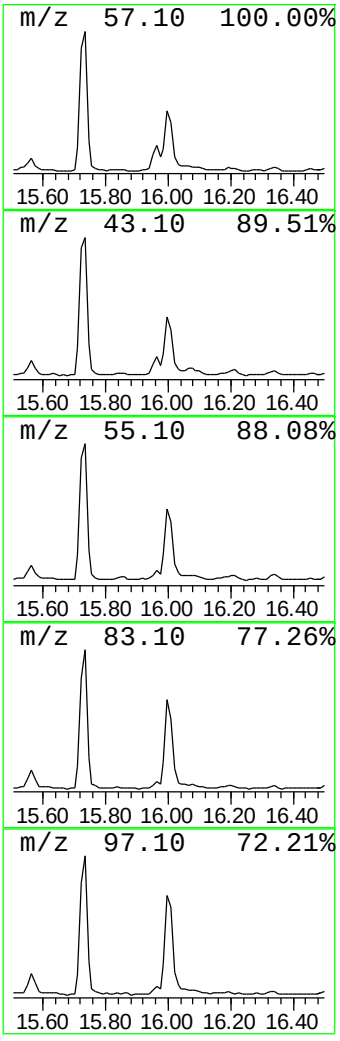
Peak Number 16 1-Eicosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	15.05 ng	998367	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	90
2	17-Pentatriacontene	491	C35H70	006971-40-0	86
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4	1-Docosene	308	C22H44	001599-67-3	74
5	1-Hexacosanol	382	C26H54O	000506-52-5	62





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

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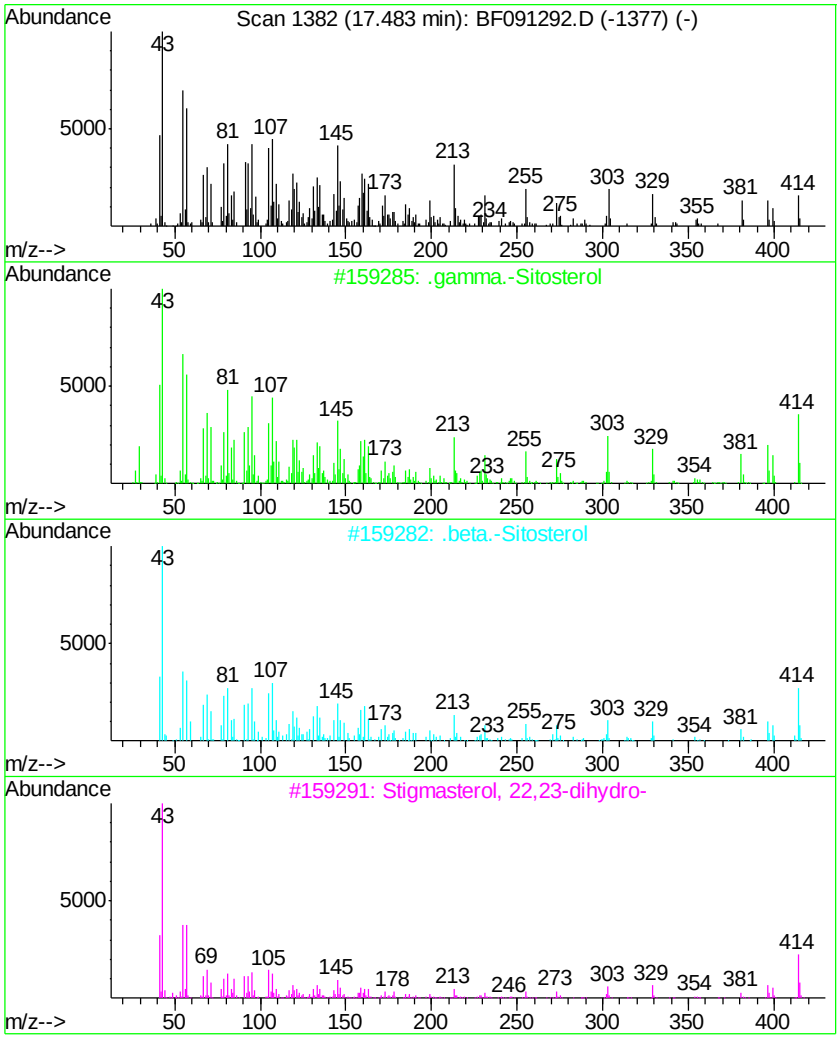
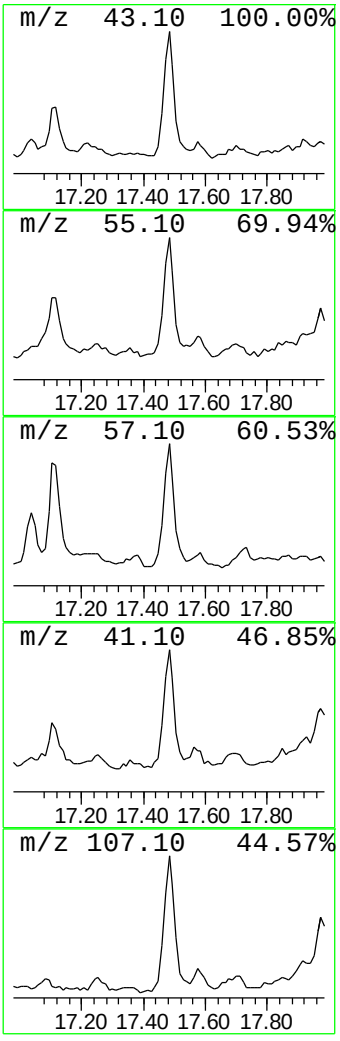
Peak Number 18 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	20.54 ng	1362680	Perylene-d12	15.47

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	99
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	97
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	45
5	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	38





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Instrument : BNA_F
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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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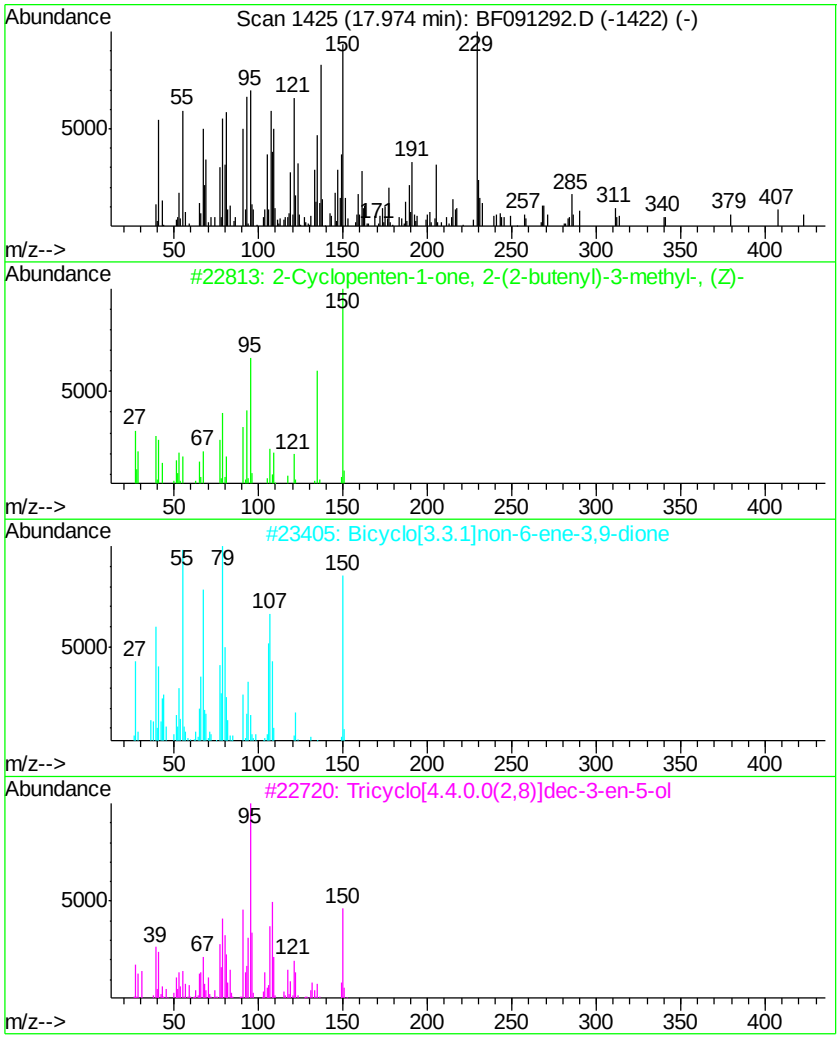
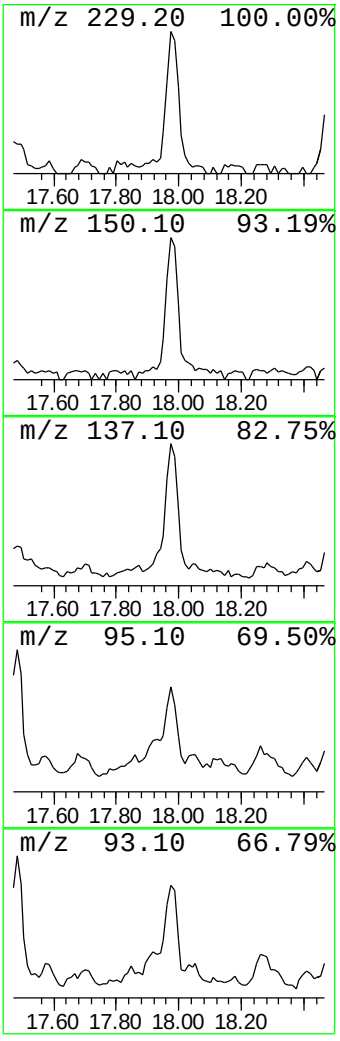
Peak Number 19 unknown17.97 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	7.69 ng	509969	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-(2-buteny...	150	C10H14O	017190-71-5	38
2	Bicyclo[3.3.1]non-6-ene-3,9-dione	150	C9H10O2	1000193-44-0	35
3	Tricyclo[4.4.0.0(2,8)]dec-3-en-5-ol	150	C10H14O	1000193-38-7	30
4	Cyclohexene, 2,4-dimethyl-1-(1-m...	150	C11H18	056763-60-1	30
5	4-Acetylaminomethylpyridine	150	C8H10N2O	023974-15-4	25





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Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(0-0.16)

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

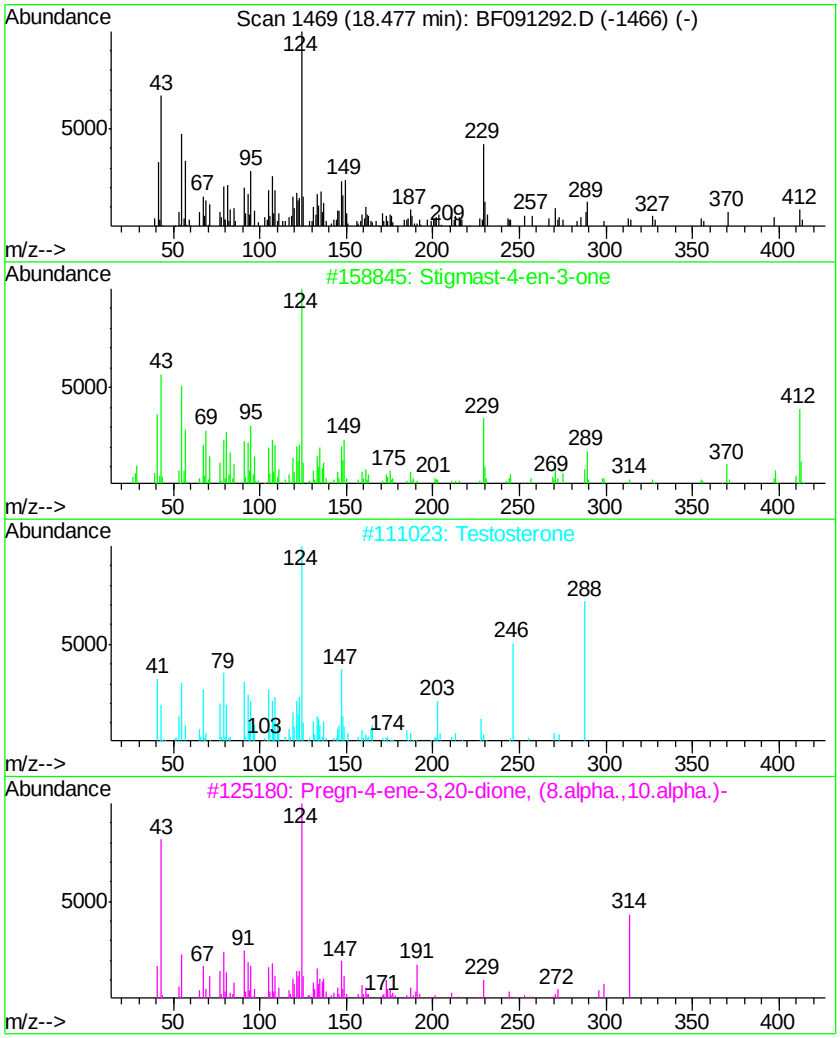
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

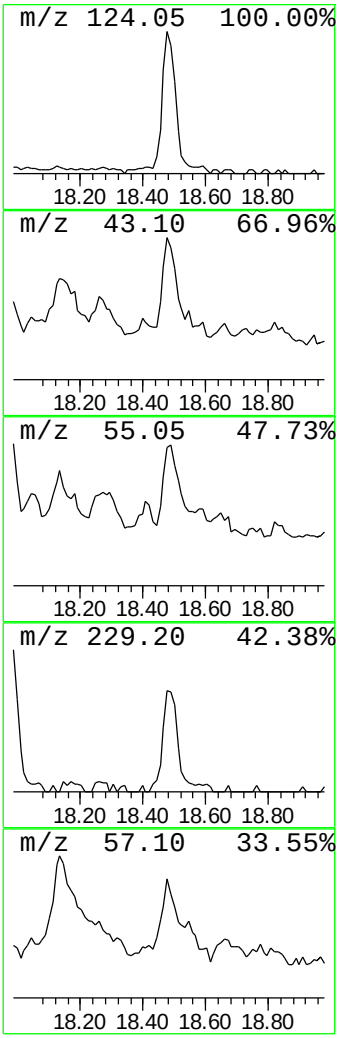
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	6.95 ng	461117	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	96
2	Testosterone	288	C19H28O2	000058-22-0	60
3	Pregn-4-ene-3,20-dione, (8.alpha...	314	C21H30O2	003795-19-5	46
4	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	38
5	Propanoic acid, 3-amino-3-(4-flu...	183	C9H10FNO2	000325-89-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091292.D
Acq On : 23 Nov 2016 23:15
Operator : UM/SJ
Sample : H5740-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(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
unknown1.76	1.76	89.7	ng	6281470	1	6.88	1400300	20.0
2-Pentanone, 4-hy...	5.08	38.9	ng	2721060	1	6.88	1400300	20.0
unknown6.65	6.65	92.2	ng	6455900	1	6.88	1400300	20.0
Hexadecenoic acid...	11.90	6.9	ng	670697	4	11.40	1943820	20.0
n-Hexadecanoic acid	11.94	18.8	ng	1823000	4	11.40	1943820	20.0
Octadecanoic acid	12.72	7.8	ng	724330	5	14.03	1847130	20.0
1-Docosene	13.20	8.0	ng	738369	5	14.03	1847130	20.0
Ethanol, 2-(hexad...	13.89	17.4	ng	1602890	5	14.03	1847130	20.0
Tetratetracontane	14.52	17.3	ng	1596190	5	14.03	1847130	20.0
9-Octadecenamide,...	14.80	8.6	ng	569878	6	15.47	1326830	20.0
Octadecanal	14.97	20.8	ng	1377220	6	15.47	1326830	20.0
1-Octadecene	15.17	21.5	ng	1423860	6	15.47	1326830	20.0
1,19-Eicosadiene	15.73	37.6	ng	2495450	6	15.47	1326830	20.0
1-Eicosanol	16.00	15.1	ng	998367	6	15.47	1326830	20.0
.gamma.-Sitosterol	17.48	20.5	ng	1362680	6	15.47	1326830	20.0
unknown17.97	17.97	7.7	ng	509969	6	15.47	1326830	20.0
Stigmast-4-en-3-one	18.48	7.0	ng	461117	6	15.47	1326830	20.0