LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091801.D
Acq On : 20 Dec 2016 4:11
Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

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-BF121716.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	3.641	133	136	139	rBV	116409	183839	2.24%	0.203%
2	4.921	245	248	253	rBV	628935	711846	8.68%	0.787%
3	5.356	284	286	289	rVB	2095884	2249318	27.44%	2.486%
4	6.396	375	377	380	rBV	1325714	1463383	17.85%	1.618%
5	6.522	386	388	391	rBV	3064226	3971458	48.45%	4.390%
6	6.762	406	409	411	rBV	958343	1336421	16.30%	1.477%
7	6.830	412	415	418	rVB2	161817	198743	2.42%	0.220%
8	6.910	420	422	425	rVB	3626346	4053221	49.45%	4.480%
9	7.173	442	445	447	rBV	132844	139846	1.71%	0.155%
10	7.322	455	458	460	rBV	2874118	3212725	39.19%	3.551%
11	7.539	475	477	478	rVV	95036	92448	1.13%	0.102%
12	7.573	478	480	483	rVB	135452	142304	1.74%	0.157%
13	7.733	490	494	496	rBV	83939	124455	1.52%	0.138%
14	7.779	496	498	500	rVB2	82513	148195	1.81%	0.164%
15	7.950	511	513	515	rVV	517273	612961	7.48%	0.678%
16	7.985	515	516	519	rVV2	98298	151182	1.84%	0.167%
17	8.042	519	521	522	rVV	2027137	1806418	22.04%	1.997%
18	8.076	522	524	525	rVV	1377681	1402809	17.11%	1.551%
19	8.099	525	526	531	rVV4	81026	165100	2.01%	0.183%
20	8.179	531	533	534	rVV2	125847	171605	2.09%	0.190%
21	8.213	534	536	538	rVV2	96132	97544	1.19%	0.108%
22	8.647	571	574	575	rVB	145059	186665	2.28%	0.206%
23	8.750	581	583	587	rBV2	81187	136420	1.66%	0.151%
24	9.128	612	616	618	rBV	4976533	6200966	75.65%	6.854%
25	9.230	622	625	627	rVV	204789	259036	3.16%	0.286%
26	9.265	627	628	631	rVV2	107348	157325	1.92%	0.174%
27	9.516	648	650	652	rVV	965502	868760	10.60%	0.960%
28	9.676	662	664	665	rVV	163848	141675	1.73%	0.157%
29	9.699	665	666	668	rVV2	72587	123161	1.50%	0.136%
30	9.745	668	670	671	rVV	71575	107404	1.31%	0.119%
31	9.790	671	674	677	rVV2	1783618	2194231	26.77%	2.425%
32	9.893	681	683	686	rVB3	76459	105461	1.29%	0.117%
33	10.236	710	713	715	rVV	205518	249941	3.05%	0.276%
34	10.293	715	718	721	rVB3	183933	368454	4.50%	0.407%

LSC Area Percent Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.396	725	727	729	rBV2	102533	134754	1.64%	0.149%
36	10.442	729	731	735	rVB	136167	223551	2.73%	0.247%
37	10.579	740	743	746	rBV2	2533683	3087102	37.66%	3.412%
38	10.659	748	750	751	rBV	220178	303511	3.70%	0.335%
39	10.705	751	754	756	rBV3	245899	522593	6.38%	0.578%
40	10.773	758	760	761	rVV	341263	309384	3.77%	0.342%
41	10.808	761	763	764	rVV	364079	394600	4.81%	0.436%
42	10.842	764	766	767	rVV	198685	245601	3.00%	0.271%
43	10.899	769	771	774	rBV2	99618	190253	2.32%	0.210%
44	10.956	774	776	777	rBV2	320919	436478	5.32%	0.482%
45	10.991	777	779	781	rVV	241425	273300	3.33%	0.302%
46	11.025	781	782	783	rVB	168691	117095	1.43%	0.129%
47	11.116	788	790	791	rBV2	107487	124914	1.52%	0.138%
48	11.151	791	793	795	rBV2	233817	279253	3.41%	0.309%
49	11.276	802	804	806	rBV	2080261	1847517	22.54%	2.042%
50	11.459	813	820	822	rBV4	270479	501496	6.12%	0.554%
51	11.539	824	827	828	rVV2	64941	116215	1.42%	0.128%
52	11.573	828	830	832	rVV2	71812	109091	1.33%	0.121%
53	11.619	832	834	837	rVB	178240	277761	3.39%	0.307%
54	11.688	837	840	841	rBV	98170	126237	1.54%	0.140%
55	11.836	849	853	855	rBV2	1982580	2941116	35.88%	3.251%
56	11.871	855	856	857	rVV	681340	646513	7.89%	0.715%
57	11.905	857	859	861	rVV2	688825	1323393	16.15%	1.463%
58	11.951	861	863	865	rVV2	586211	818716	9.99%	0.905%
59	12.019	865	869	871	rVV4	664769	1589973	19.40%	1.758%
60	12.076	873	874	876	rVV2	679928	730539	8.91%	0.808%
61	12.122	876	878	880	rVV2	347996	434938	5.31%	0.481%
62	12.225	884	887	888	rBV2	63247	96802	1.18%	0.107%
63	12.408	901	903	906	rVV	196798	195413	2.38%	0.216%
64	12.476	906	909	911	rVV2	62602	106260	1.30%	0.117%
65	12.534	911	914	918	rVV4	121447	310878	3.79%	0.344%
66	12.602	918	920	923	rVV2	294379	571638	6.97%	0.632%
67	12.694	926	928	931	rVV3	76125	133124	1.62%	0.147%
68	12.785	934	936	937	rVV	103568	131089	1.60%	0.145%
69	12.865	940	943	945	rVV	4491844	4677161	57.06%	5.170%
70	12.899	945	946	949	rVV2	107916	124278	1.52%	0.137%
71	12.968	949	952	954	rVV2	724836	1433986	17.49%	1.585%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H6168-01
Misc :
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Instrument : BNA_F
ClientSampleId : FRAC-TANK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.002	954	955	960	rVV3	566019	1296202	15.81%	1.433%
73	13.094	960	963	966	rVV3	382359	839825	10.25%	0.928%
74	13.139	966	967	970	rVV	685337	923181	11.26%	1.020%
75	13.185	970	971	973	rVV	360332	336762	4.11%	0.372%
76	13.357	984	986	988	rVB3	84182	101009	1.23%	0.112%
77	13.757	1019	1021	1024	rBV	251404	399396	4.87%	0.441%
78	13.905	1031	1034	1038	rVV	1499751	1450364	17.69%	1.603%
79	14.042	1043	1046	1048	rVV4	151883	338368	4.13%	0.374%
80	14.397	1075	1077	1081	rVB	72842	112539	1.37%	0.124%
81	14.591	1092	1094	1096	rVB	429430	487836	5.95%	0.539%
82	14.682	1101	1102	1106	rVV3	98580	145240	1.77%	0.161%
83	14.751	1106	1108	1111	rVV	670237	711168	8.68%	0.786%
84	15.197	1145	1147	1149	rBV3	91658	130476	1.59%	0.144%
85	15.311	1154	1157	1159	rVV	795752	1107364	13.51%	1.224%
86	15.654	1184	1187	1189	rBV	148492	230960	2.82%	0.255%
87	15.962	1210	1214	1224	rBV3	3663221	8196837	100.00%	9.061%
88	16.145	1224	1230	1232	rBV3	1368012	3231748	39.43%	3.572%
89	16.180	1232	1233	1237	rVB2	553696	868457	10.60%	0.960%
90	16.374	1247	1250	1256	rBV	278700	516950	6.31%	0.571%
91	16.488	1256	1260	1266	rVB	196265	523735	6.39%	0.579%
92	16.625	1269	1272	1274	rBV	122228	249925	3.05%	0.276%
93	16.705	1274	1279	1285	rVV	2089060	4501702	54.92%	4.976%
94	16.797	1285	1287	1290	rVB3	56209	96292	1.17%	0.106%
95	16.968	1297	1302	1307	rBV2	647700	1540369	18.79%	1.703%
96	17.220	1317	1324	1327	rBV3	253910	754189	9.20%	0.834%
97	17.277	1327	1329	1332	rVV4	68219	169227	2.06%	0.187%
98	17.357	1332	1336	1344	rVB2	196088	556178	6.79%	0.615%
99	17.528	1347	1351	1355	rVB3	76175	194695	2.38%	0.215%
100	17.963	1384	1389	1395	rBV	376128	1032867	12.60%	1.142%

Sum of corrected areas: 90465704

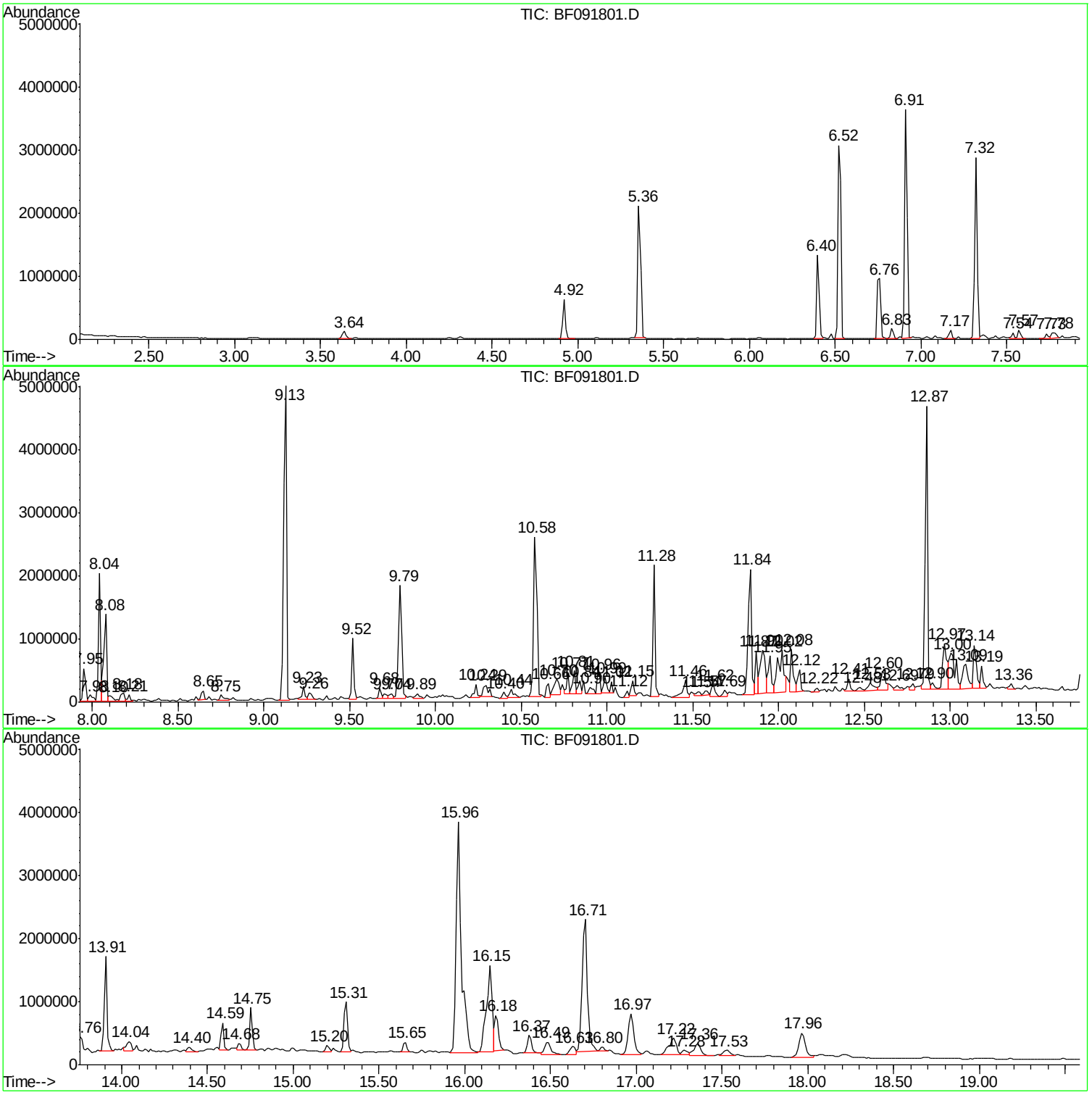
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091801.D
Acq On : 20 Dec 2016 4:11
Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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\BF121916\
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Instrument : BNA_F
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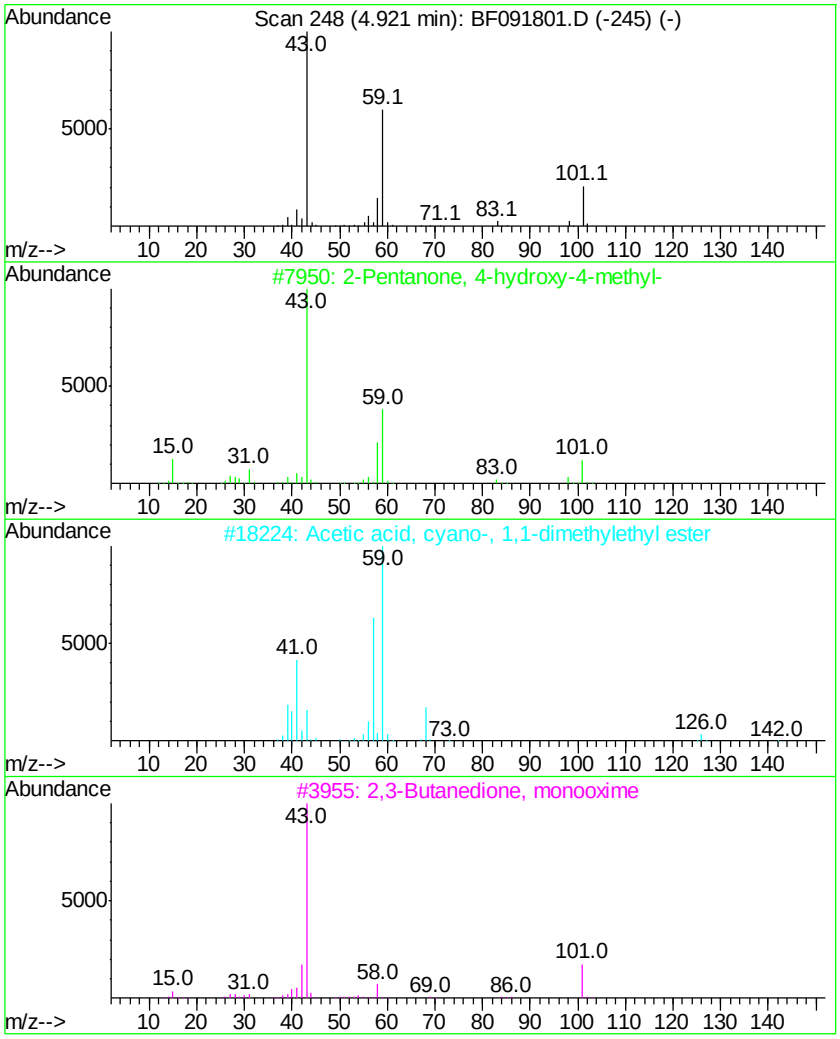
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

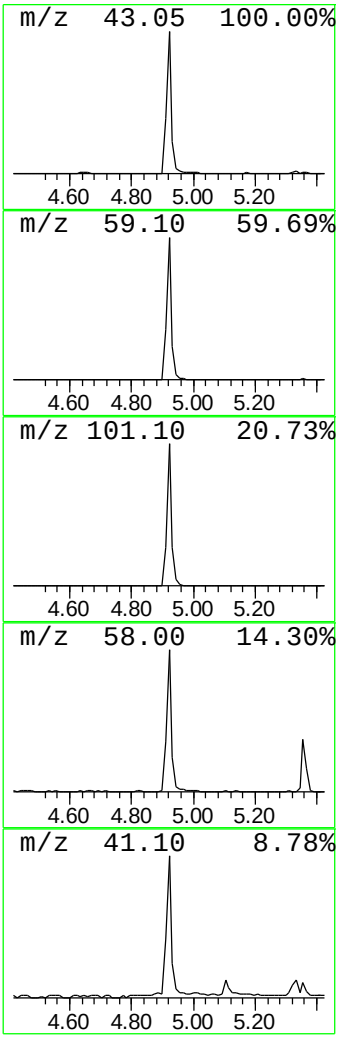
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	10.65 ng	711846	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF091801.D
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Sample : H6168-01
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Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

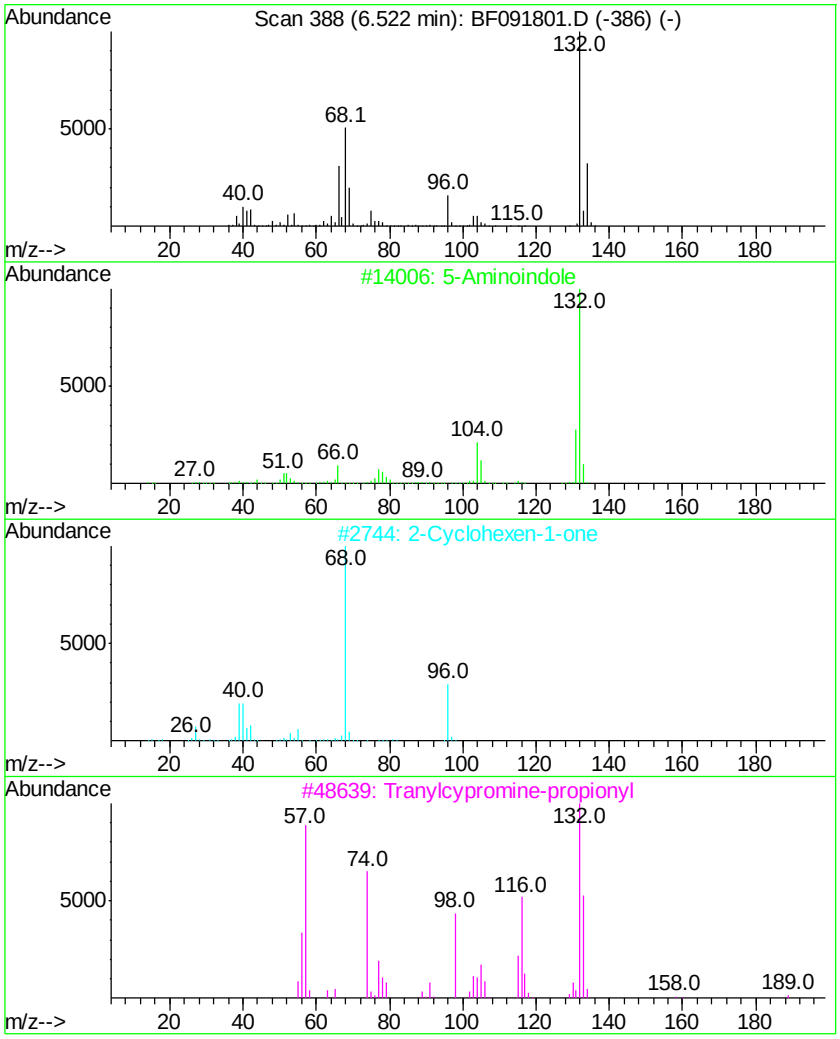
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

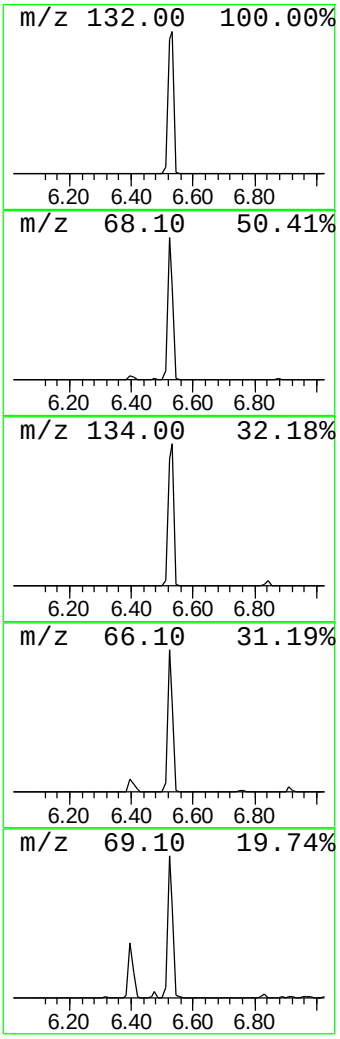
****

Peak Number 2 unknown6.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	59.43 ng	3971460	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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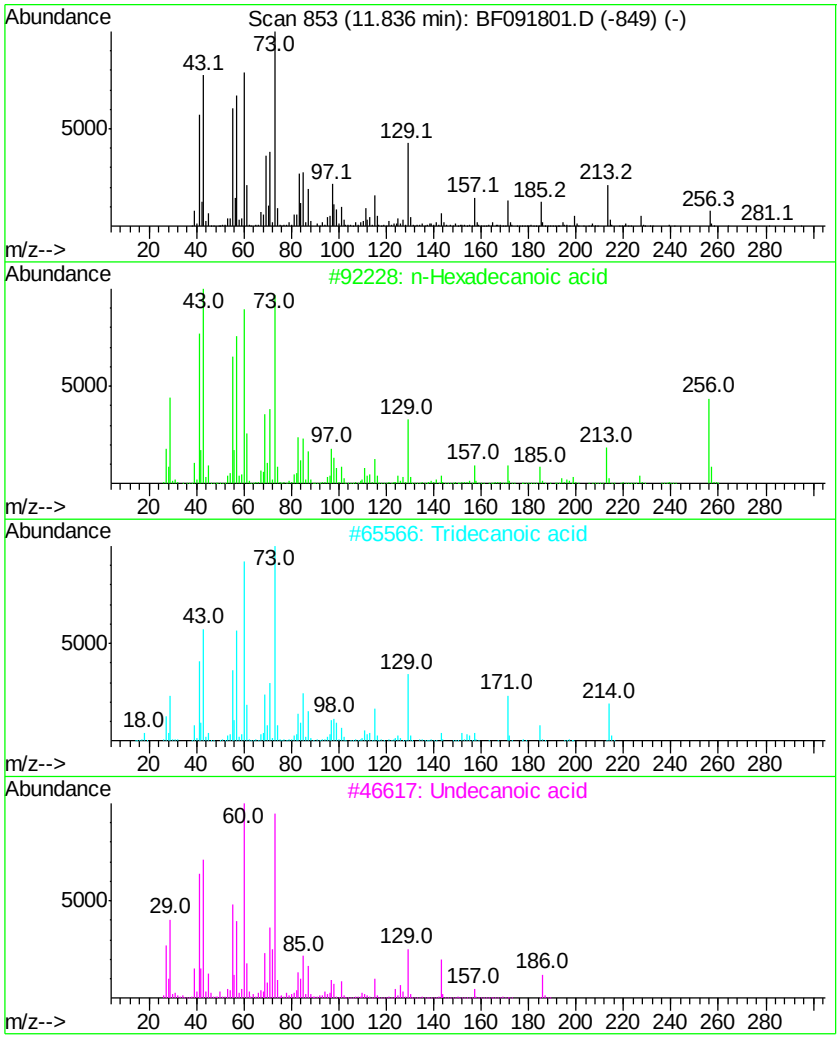
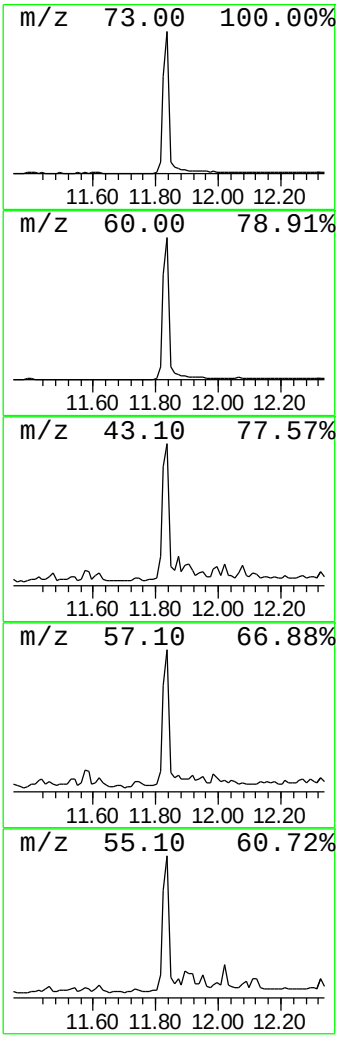
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	31.84 ng	2941120	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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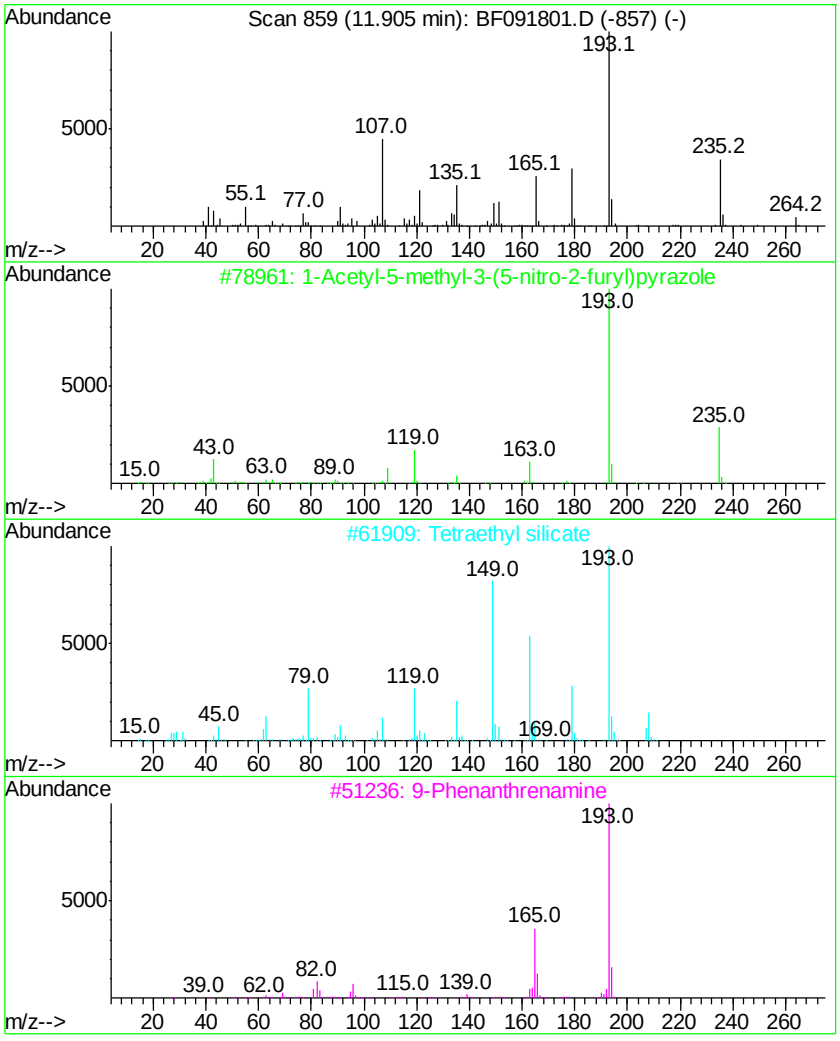
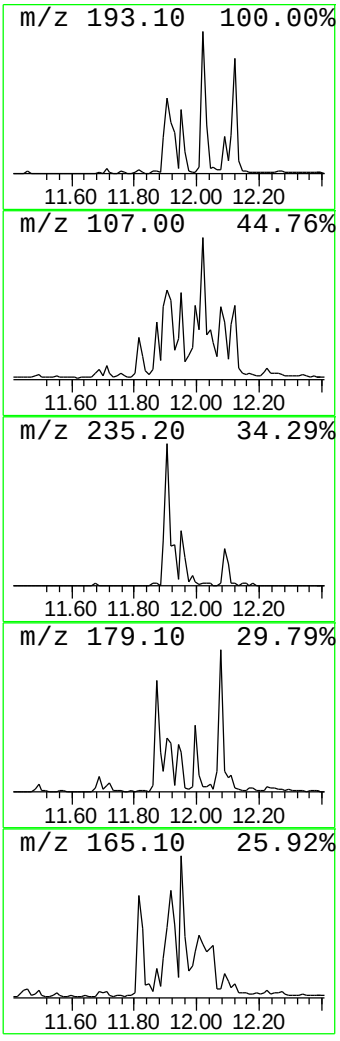
Peak Number 5 unknown11.91 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	14.33 ng	1323390	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
2	Tetraethyl silicate	208	C8H20O4Si	000078-10-4	40
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	35
4	Methanimidamide, N,N-dimethyl-N'...	193	C9H11N3O2	002103-47-1	35
5	3-Phenylindole	193	C14H11N	001504-16-1	30





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Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

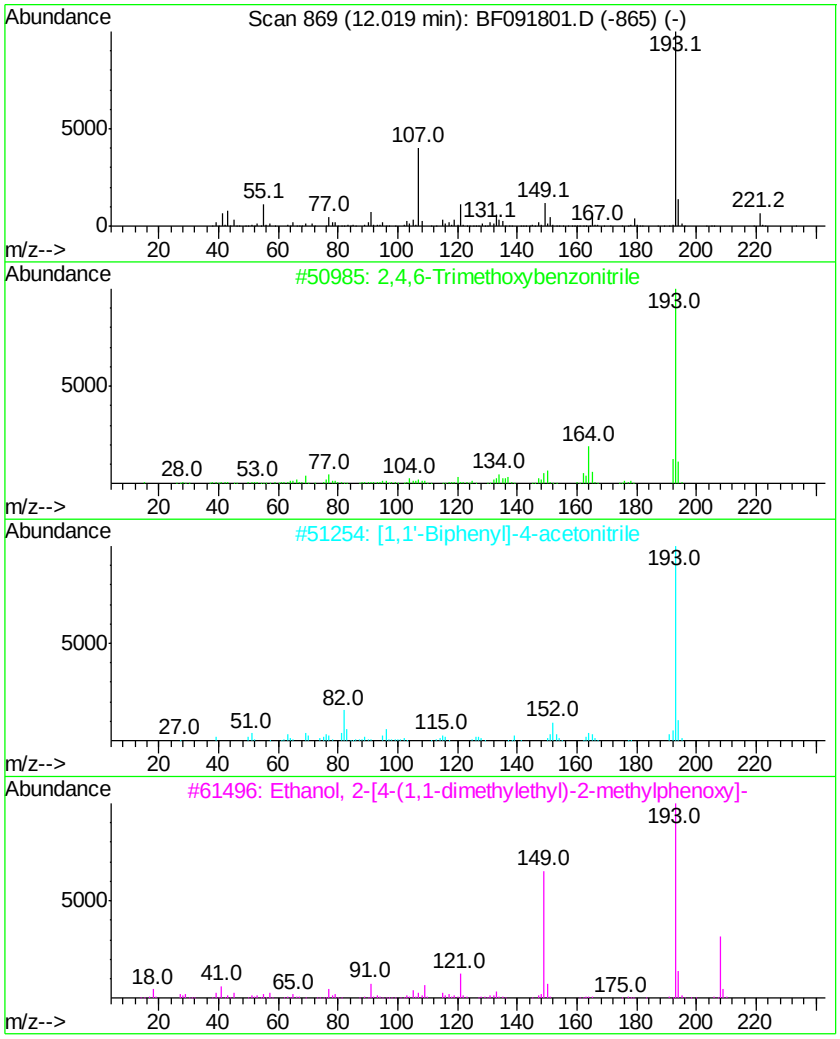
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

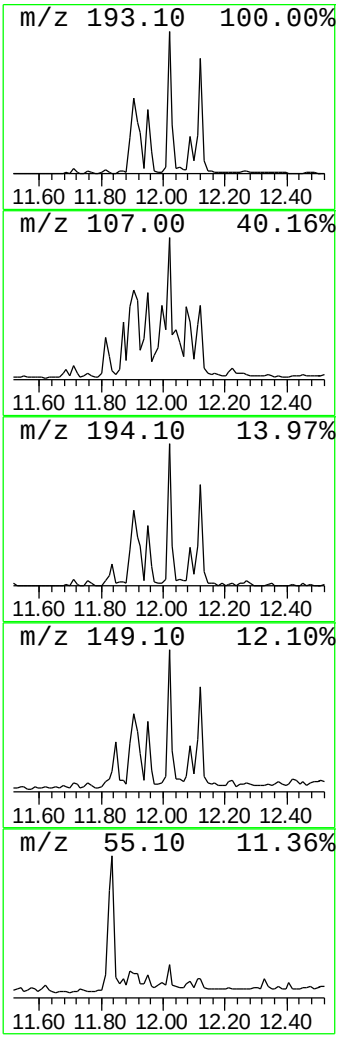
****

Peak Number 6 unknown12.02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	17.21 ng	1589970	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	46
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	43
3	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	37
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	37
5	2-Phenylindolizine	193	C14H11N	025379-20-8	32





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Data File : BF091801.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

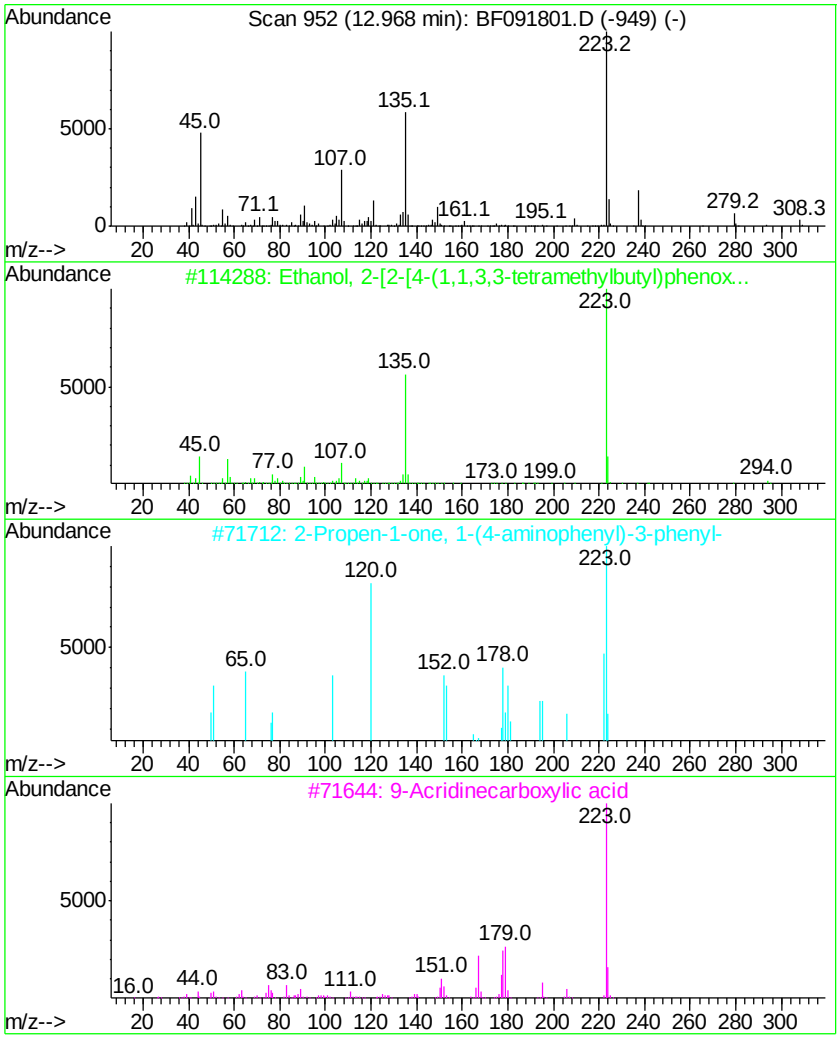
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

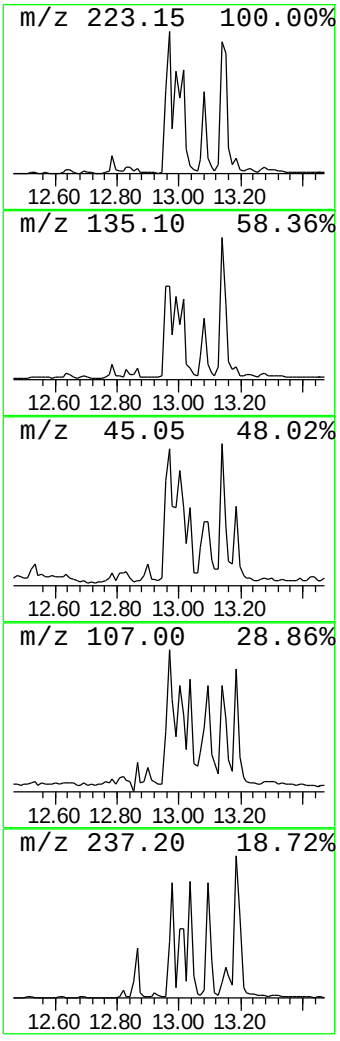
****

Peak Number 7 unknown12.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	19.77 ng	1433990	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	49
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	38
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	27
4	2,8-Diazaspiro[4.5]decane-1,3-di...	272	C13H21ClN2O2	132168-96-8	27
5	Tetrazole, 1-(4-ethylphenyl)-5-(...	410	C25H26N6	125038-06-4	16





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Acq On : 20 Dec 2016 4:11
Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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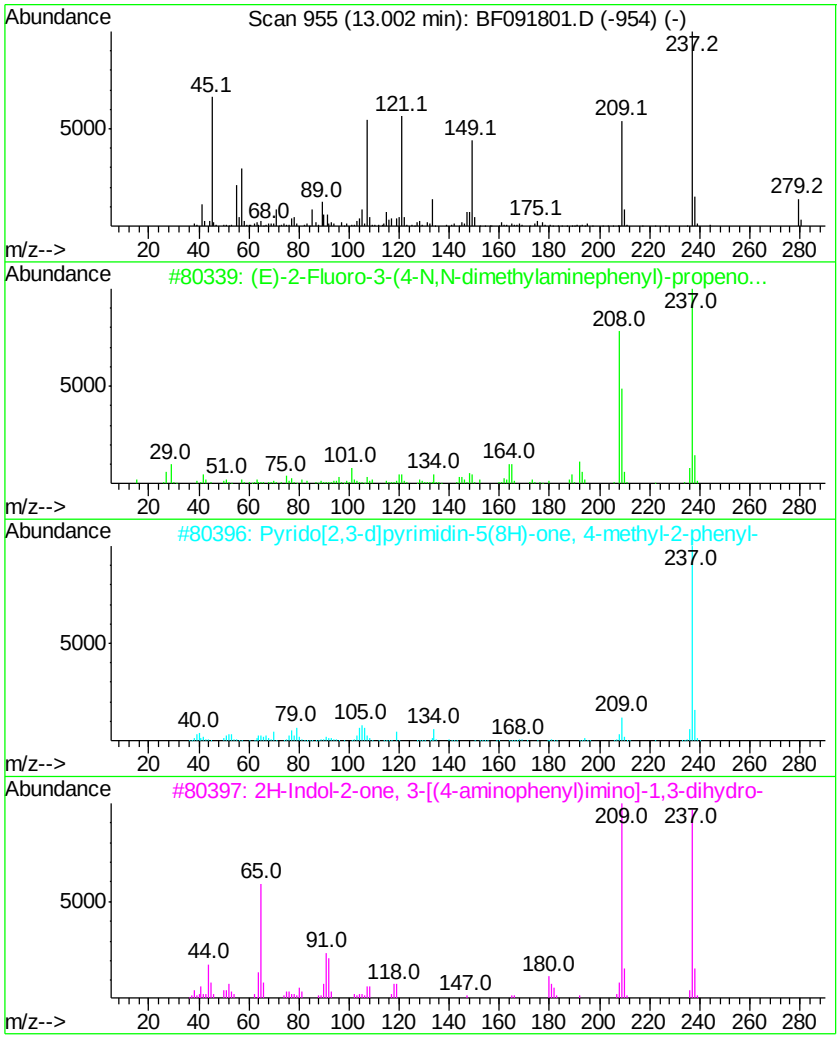
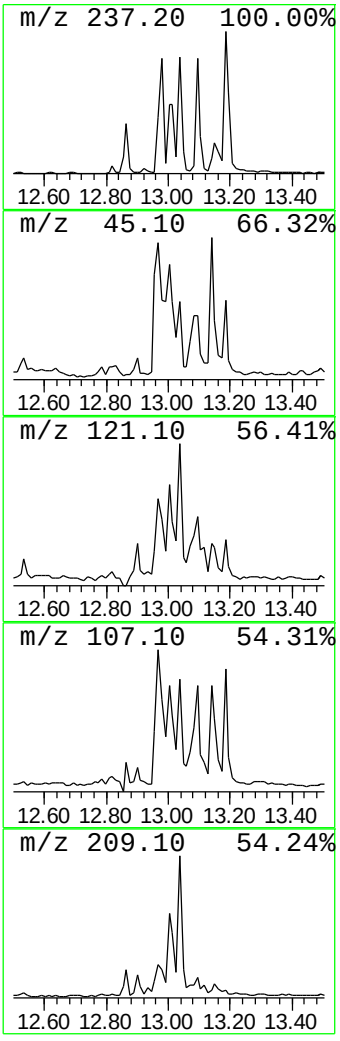
Peak Number 8 unknown13.00 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	17.87 ng	1296200	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FNO2	110915-65-6	38
2	Pyrido[2,3-d]pyrimidin-5(8H)-one...	237	C14H11N3O	161465-98-1	38
3	2H-Indol-2-one, 3-[(4-aminophenyl...	237	C14H11N3O	033829-07-1	38
4	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	35
5	2-Indolinone, 3-[(o-aminophenyl)...	237	C14H11N3O	033829-08-2	35





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Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

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

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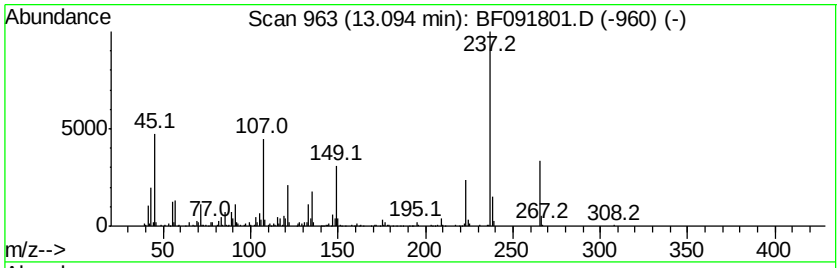
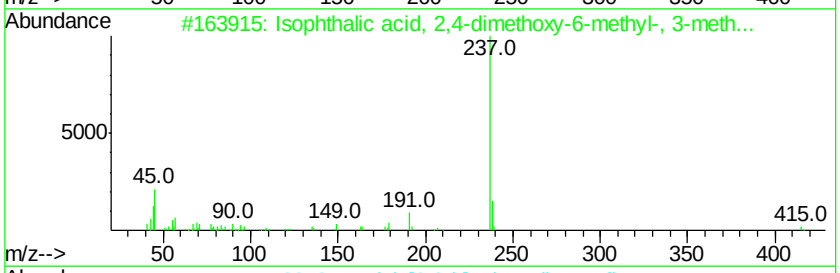
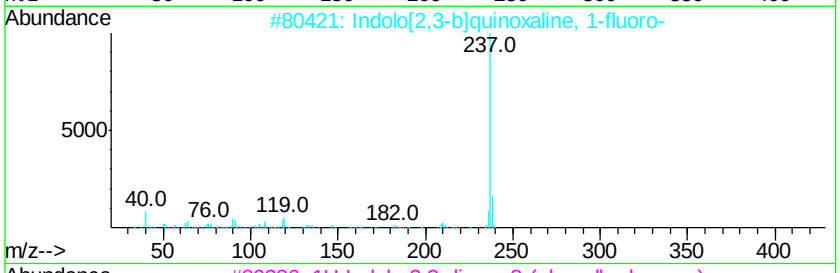
Peak Number 9 unknown13.09 Concentration Rank 17

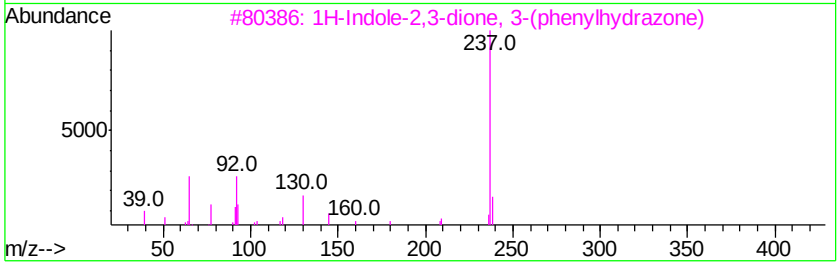
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	11.58 ng	839825	Chrysene-d12	13.91

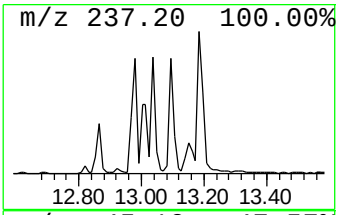
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, 2,4-dimethoxy-...	446	C23H26O9	019314-77-3	25
2	Indolo[2,3-b]quinoxaline, 1-fluoro-	237	C14H8FN3	296244-71-8	22
3	1H-Indole-2,3-dione, 3-(phenylhy...	237	C14H11N3O	017310-26-8	22
4	7-Phenyl-7H-triazolo[e]benzofurazan	237	C12H7N5O	035142-93-9	22
5	3-Hydroxy-1-methyl-5-phenyl-1,3-...	266	C16H14N2O2	025177-93-9	17

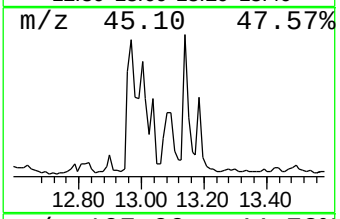


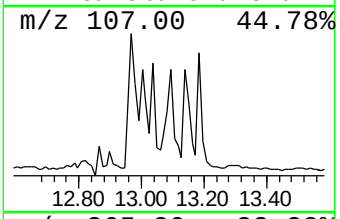


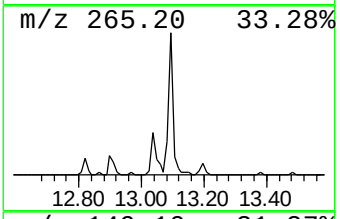


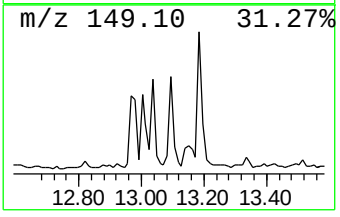












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Data File : BF091801.D
Acq On : 20 Dec 2016 4:11
Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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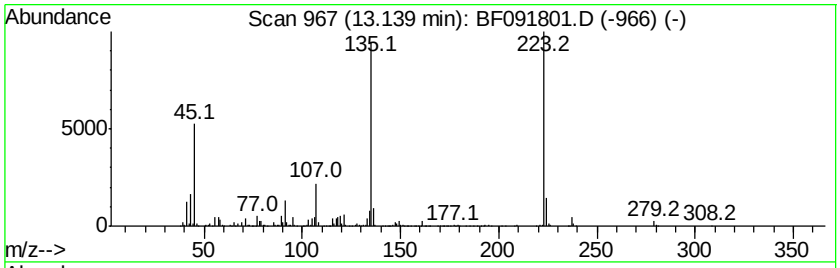
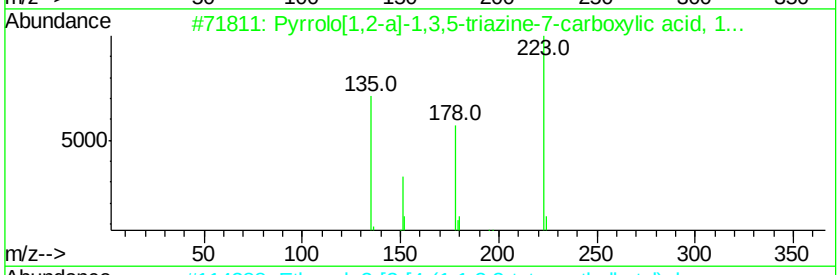
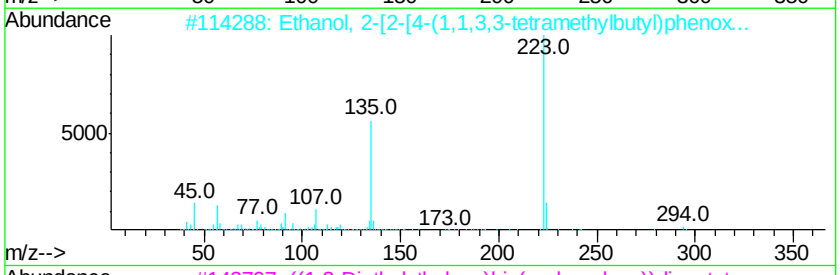
Peak Number 10 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 16

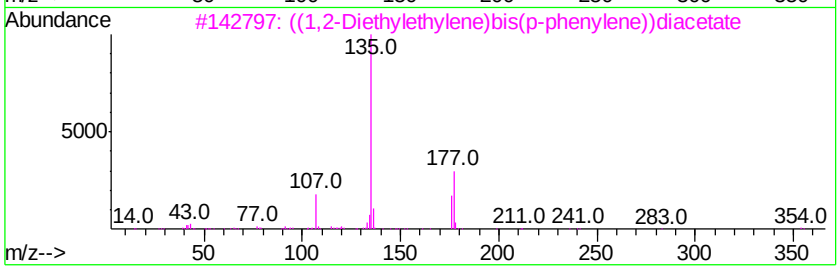
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	12.73 ng	923181	Chrysene-d12	13.91

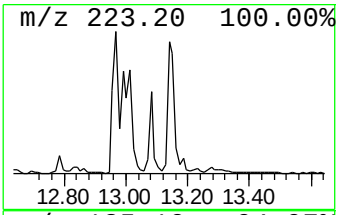
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	83
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	52
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	35
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	35
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	35

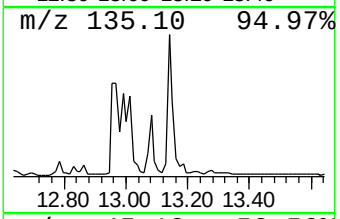


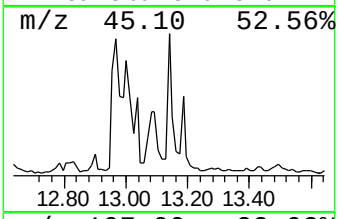


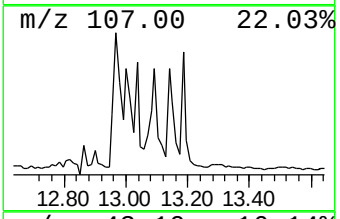


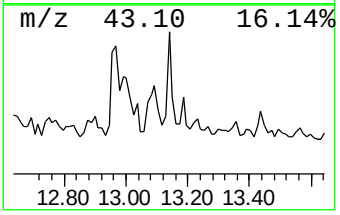












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Data File : BF091801.D
Acq On : 20 Dec 2016 4:11
Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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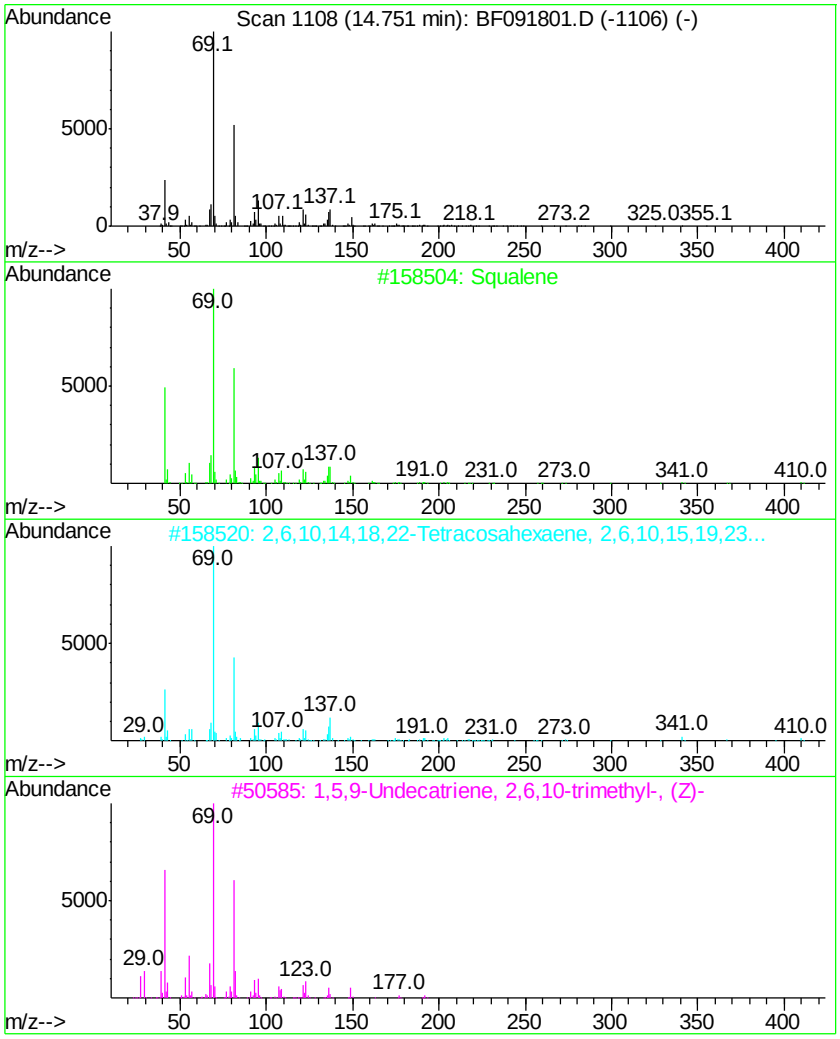
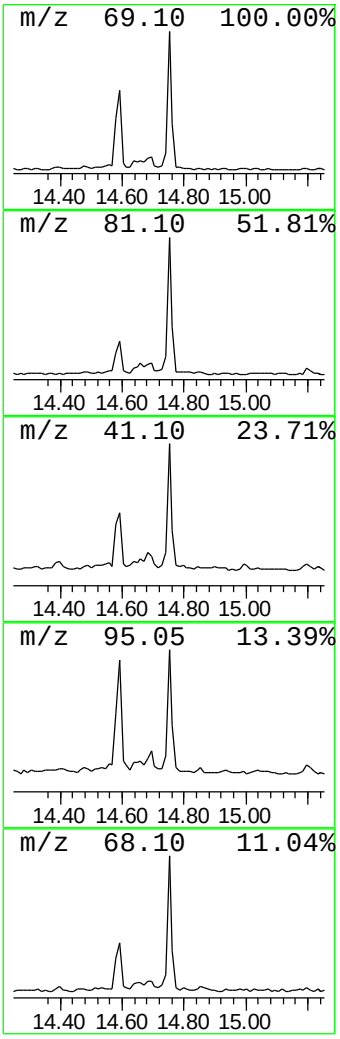
Peak Number 11 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	12.84 ng	711168	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	78
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53





Library Search Compound Report

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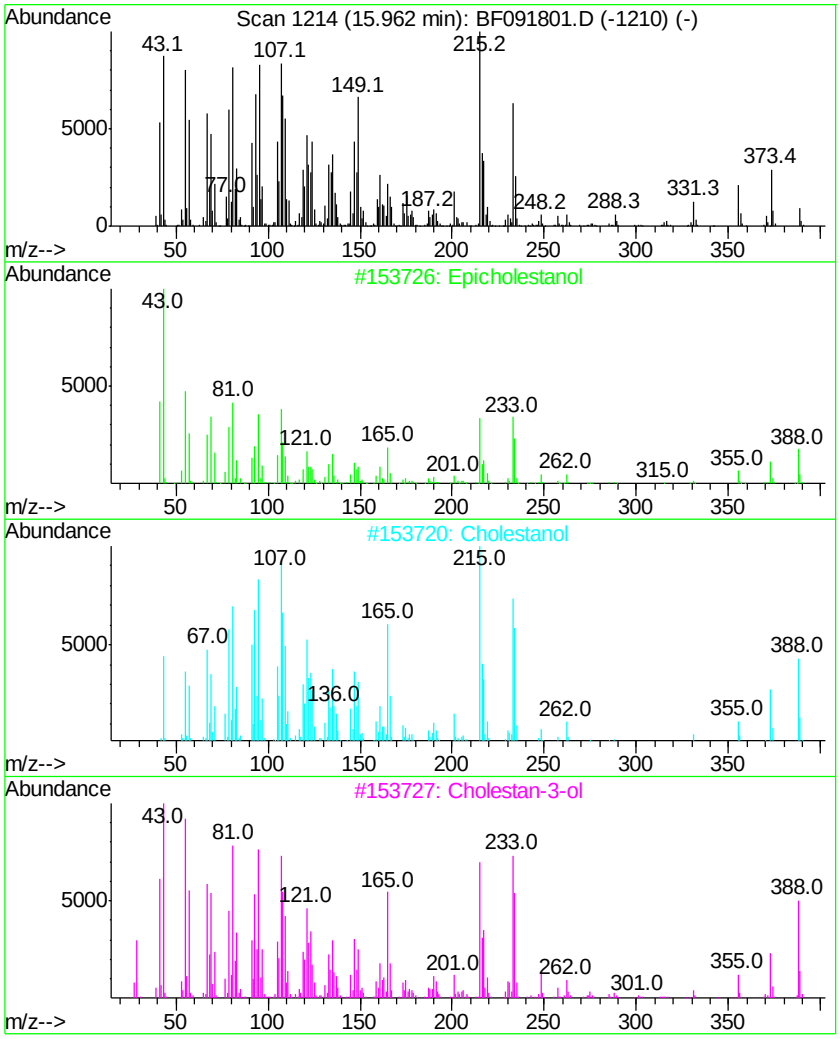
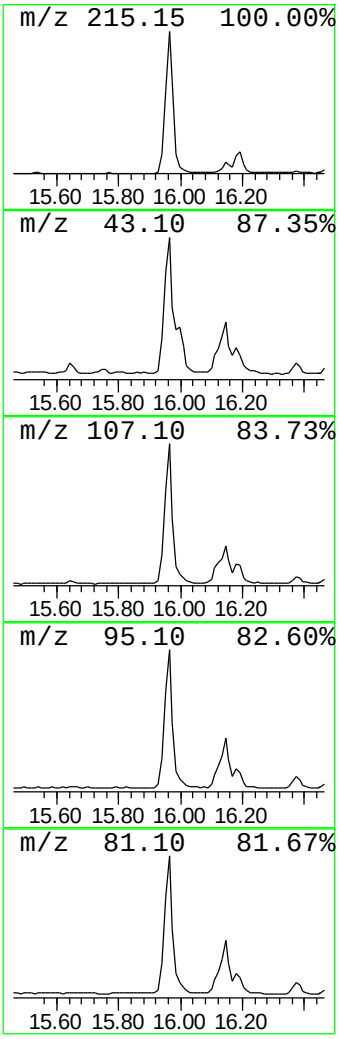
Peak Number 12 Epicholestanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	148.04 ng	8196840	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Epicholestanol	388	C27H48O	000516-95-0	83
2	Cholestanol	388	C27H48O	000080-97-7	80
3	Cholestan-3-ol	388	C27H48O	027409-41-2	68
4	Cholestan-3.beta.-ol	388	C27H48O	017608-41-2	58
5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	46





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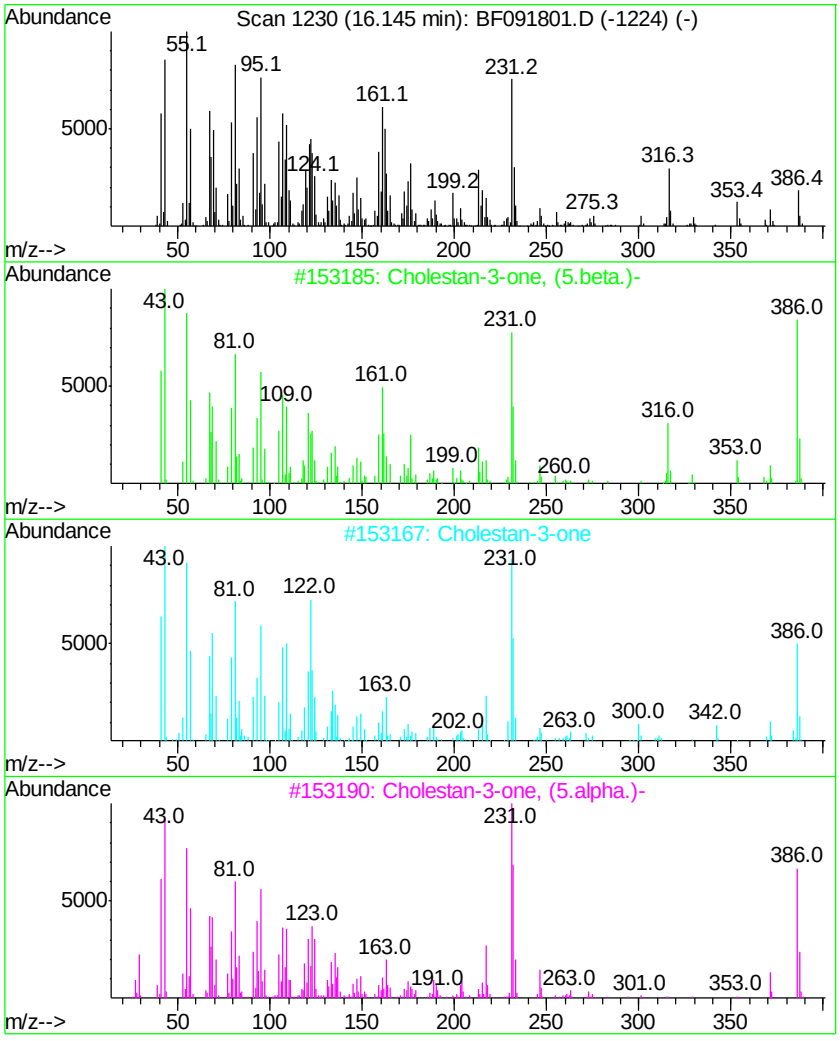
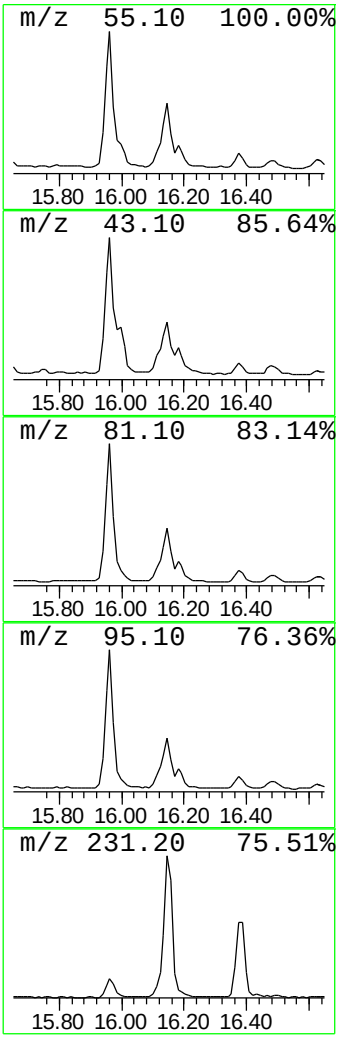
Peak Number 13 Cholestan-3-one, (5.beta.)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	58.37 ng	3231750	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	91
2	Cholestan-3-one	386	C27H46O	015600-08-5	90
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	86
4	Cholestan-2-one	386	C27H46O	1000210-43-4	84
5	5-.beta.-Cholan-24-oic acid, 3-oxo-	374	C24H38O3	001553-56-6	49





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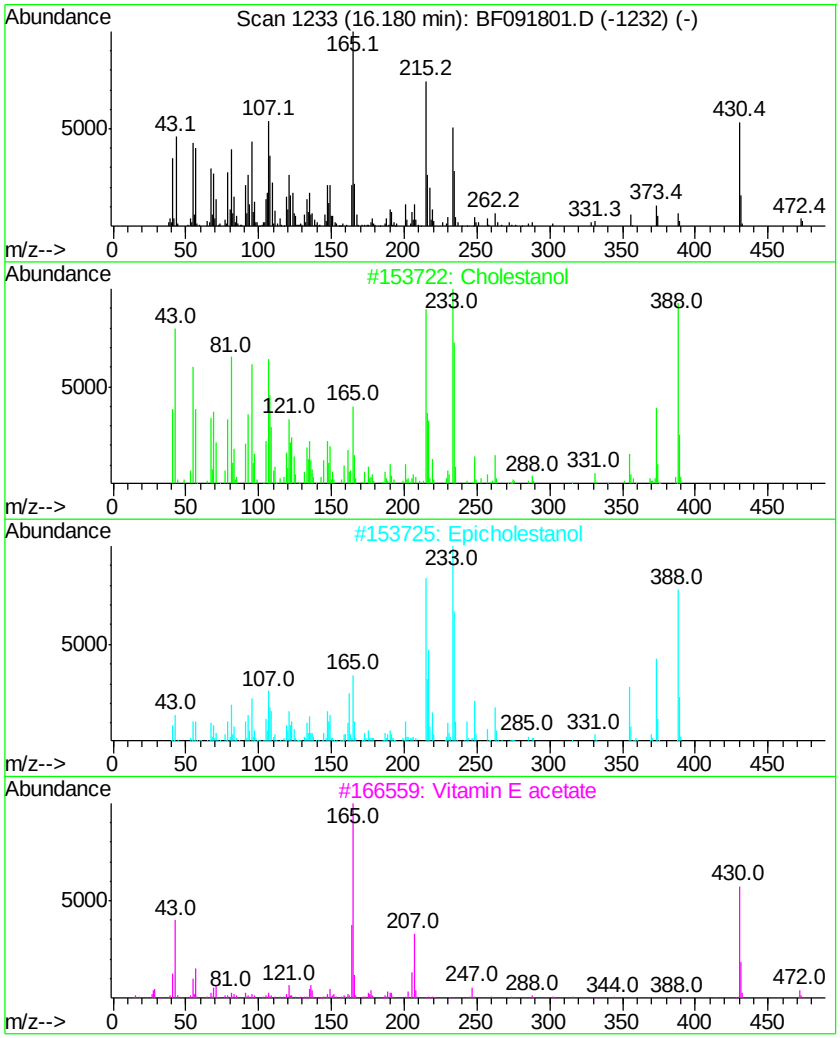
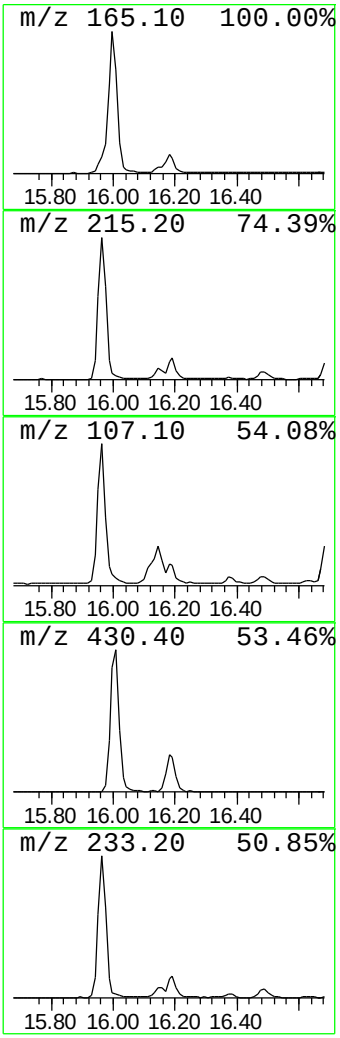
Peak Number 14 Cholestanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	15.69 ng	868457	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	64
2	Epicholestanol	388	C27H48O	000516-95-0	35
3	Vitamin E acetate	472	C31H52O3	007695-91-2	22
4	Vitamin E	430	C29H50O2	000059-02-9	22
5	s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	14





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Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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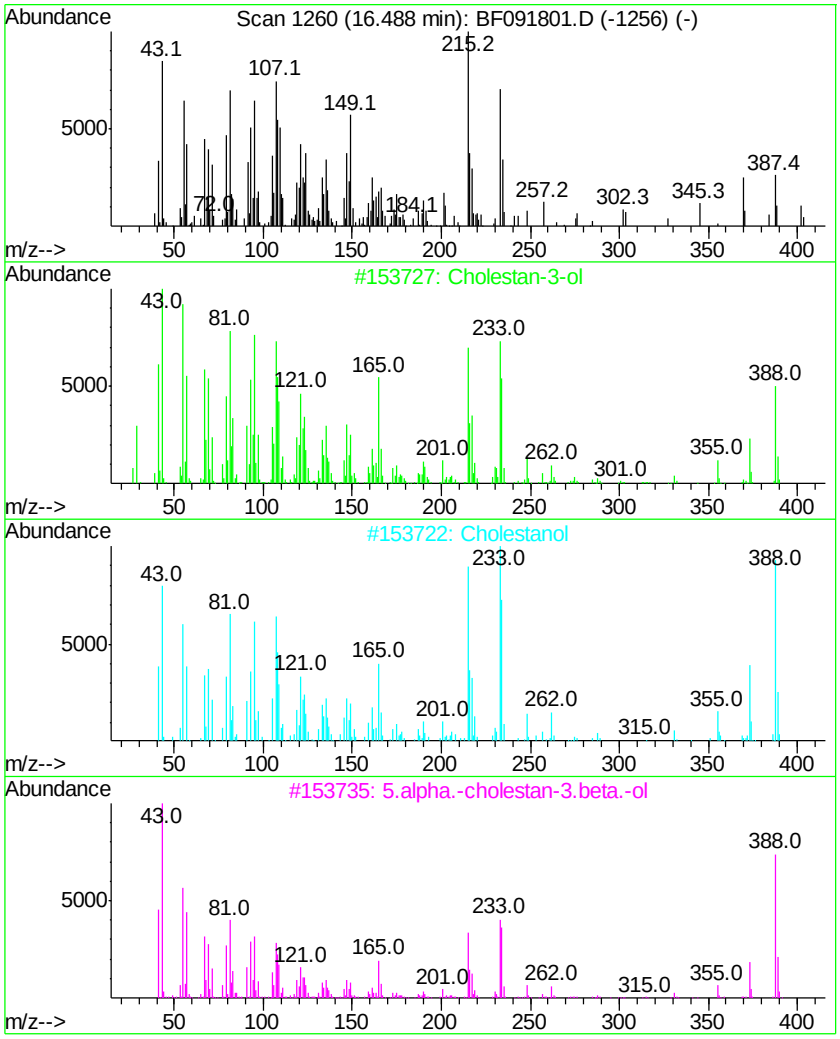
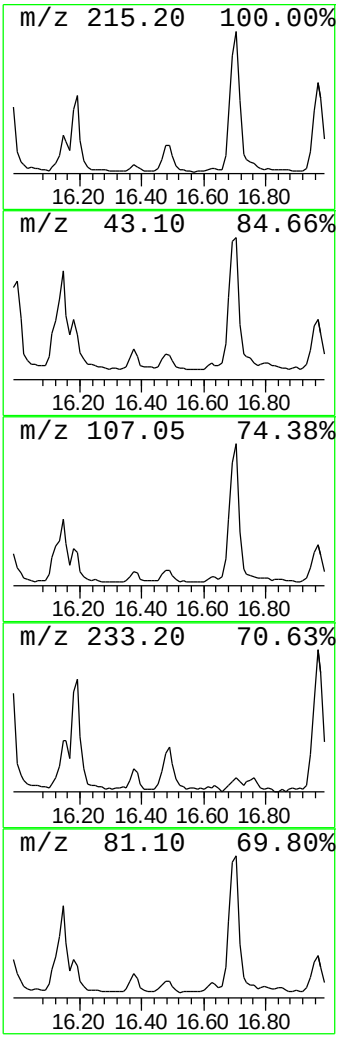
Peak Number 15 Cholestan-3-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.46 ng	523735	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol	388	C27H48O	027409-41-2	68
2	Cholestanol	388	C27H48O	000080-97-7	55
3	5.alpha.-cholestan-3.beta.-ol	388	C27H48O	1000213-40-9	41
4	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	41
5	5.alpha.,17.alpha.-Pregnan-20-on...	318	C21H34O2	005618-23-5	27





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Data File : BF091801.D
Acq On : 20 Dec 2016 4:11
Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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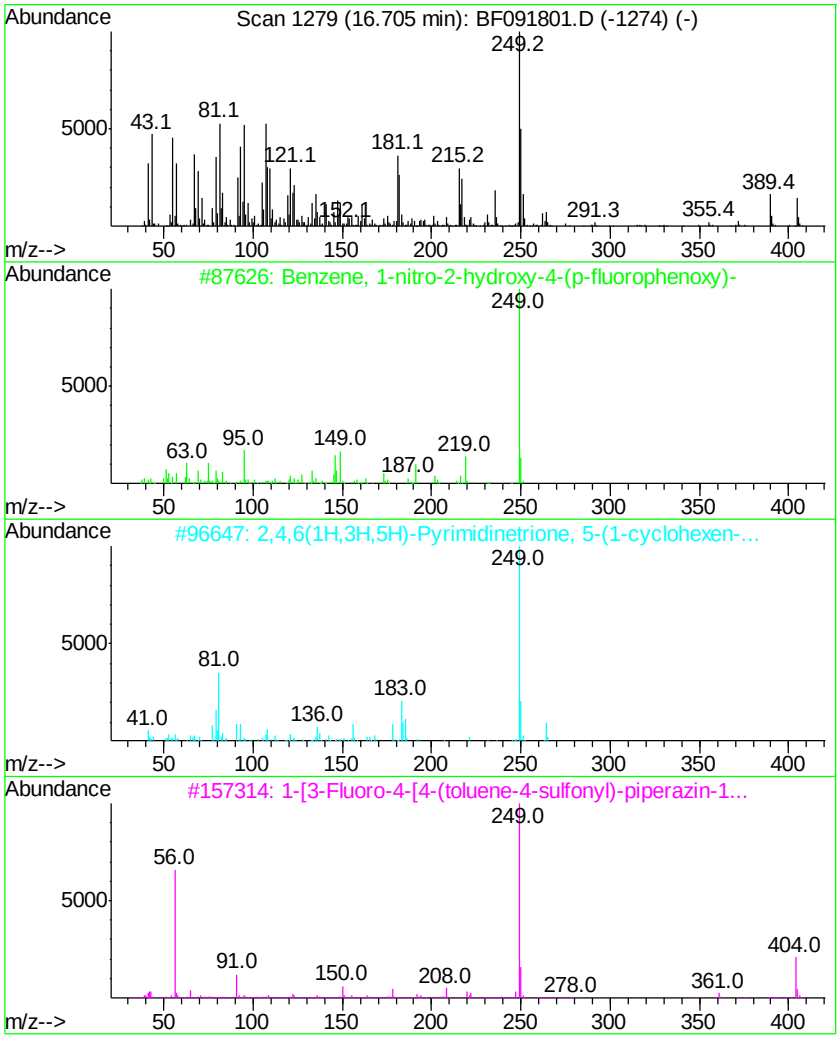
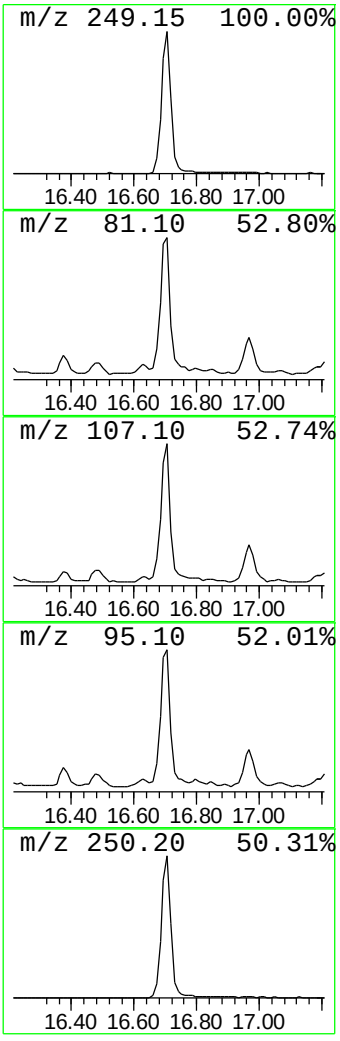
Peak Number 16 unknown16.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	81.30 ng	4501700	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FNO4	189214-56-0	38
2	2,4,6(1H,3H,5H)-Pyrimidinetrione...	264	C14H20N2O3	055044-42-3	30
3	1-[3-Fluoro-4-[4-(toluene-4-sulf...	404	C21H25FN2O3S	333751-65-8	27
4	12H-Benzo(b)phenothiazine	249	C16H11NS	000258-08-2	27
5	Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	25





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Data File : BF091801.D
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Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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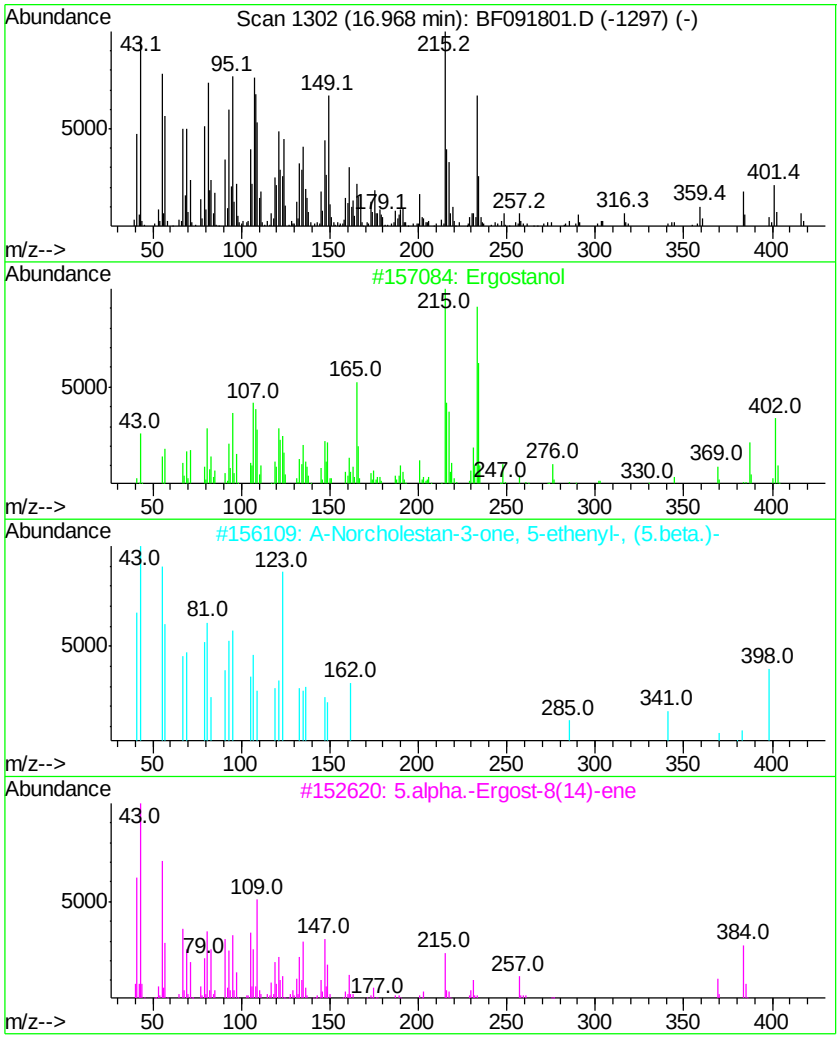
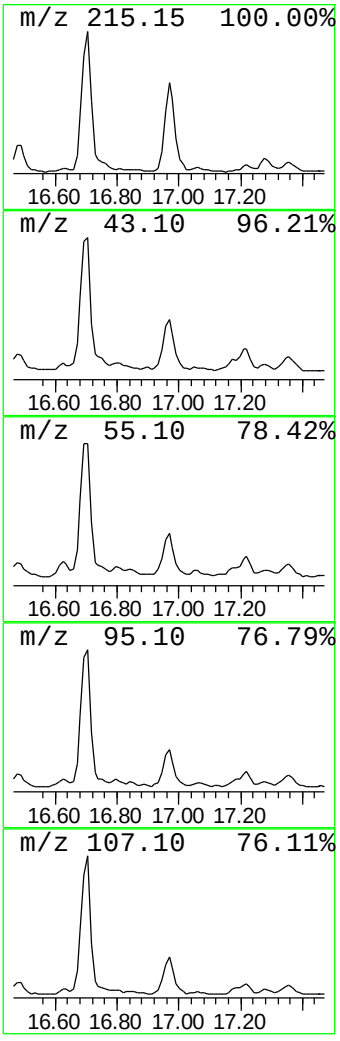
Peak Number 17 Ergostanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	27.82 ng	1540370	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergostanol	402	C28H50O	006538-02-9	50
2	A-Norcholestan-3-one, 5-ethenyl-...	398	C28H46O	019594-90-2	38
3	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	25
4	2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	25
5	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	18





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Data File : BF091801.D
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Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Integration Parameters: LSCINT.P

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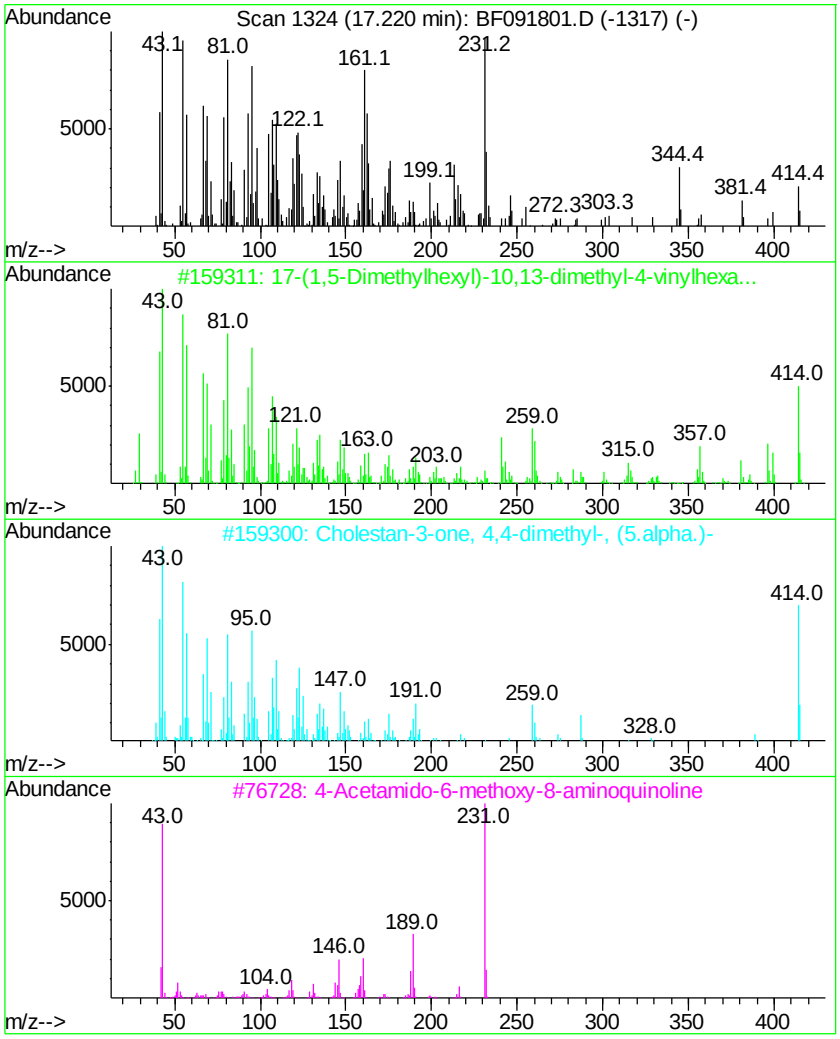
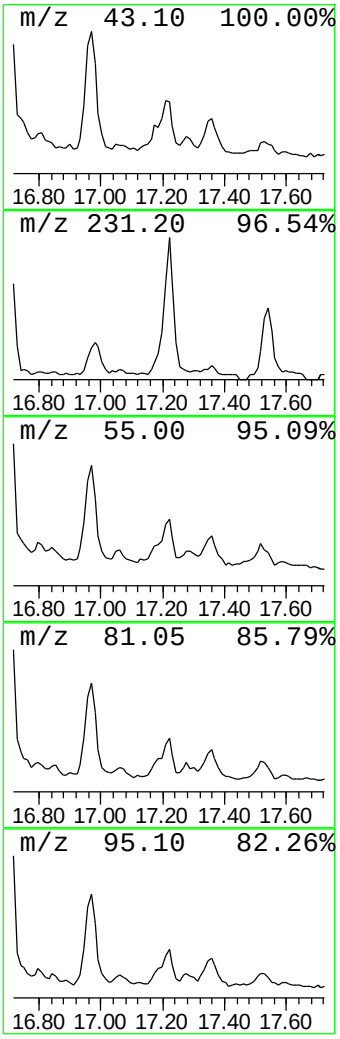
Peak Number 18 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	13.62 ng	754189	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	60
2	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	43
3	4-Acetamido-6-methoxy-8-aminoqui...	231	C12H13N3O2	063456-99-5	11
4	2-Propenoic acid, 2-cyano-3-(4-m...	231	C13H13NO3	002286-29-5	10
5	3-Pyridinecarbonitrile, 6-ethyl-...	162	C9H10N2O	113124-05-3	10





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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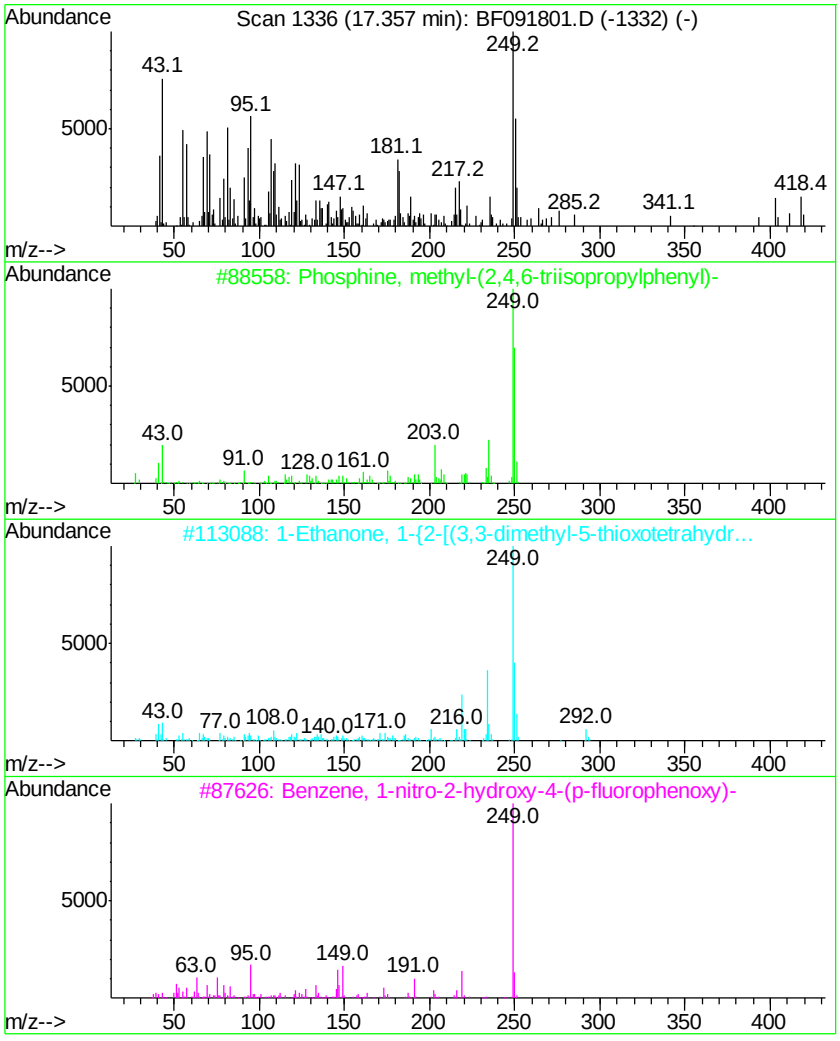
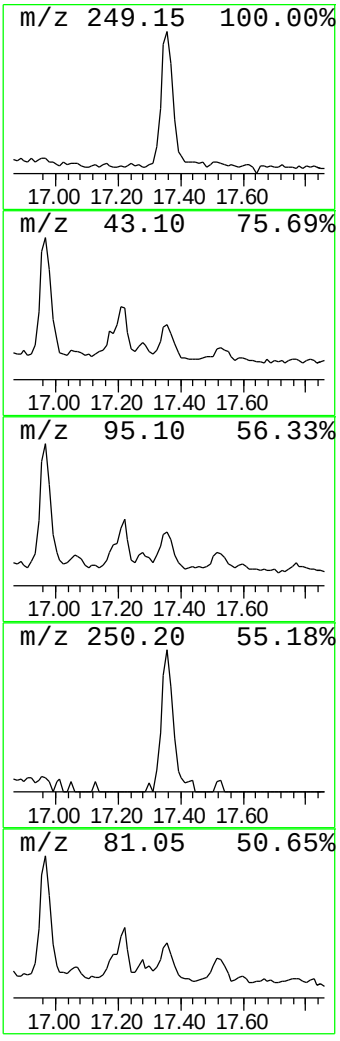
Peak Number 19 unknown17.36 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	10.05 ng	556178	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	38
2	1-Ethanone, 1-{2-[(3,3-dimethyl-...	292	C16H24N2OS	077109-20-7	38
3	Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FNO4	189214-56-0	32
4	4H-Pyrido[1,2-a]pyrimidine-3-car...	250	C13H18N2O3	035569-43-8	25
5	Diborane(6), tetraethylbis[.mu.-...	278	C16H36B2N2	136676-01-2	22





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Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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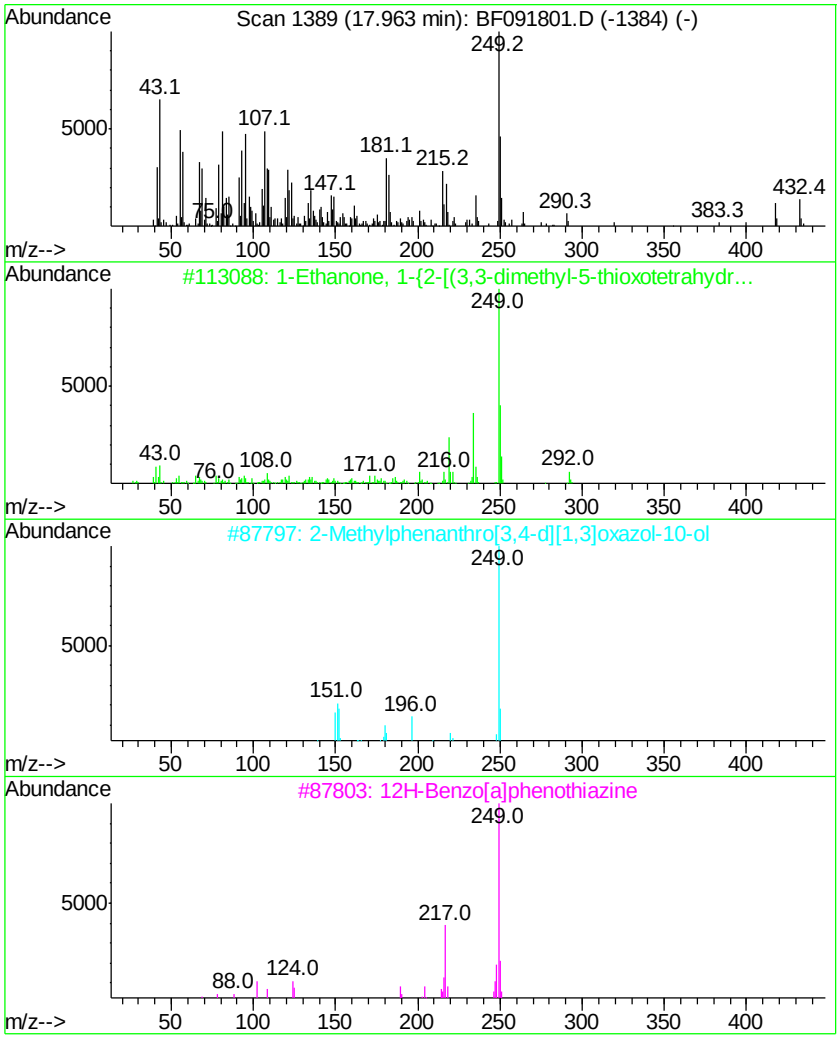
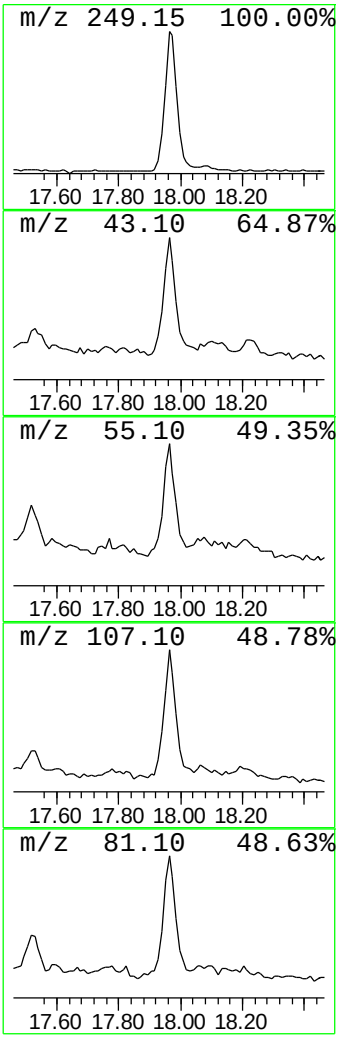
Peak Number 20 unknown17.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	18.65 ng	1032870	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethanone, 1-{2-[(3,3-dimethyl-...	292	C16H24N2OS	077109-20-7	37
2	2-Methylphenanthro[3,4-d][1,3]ox...	249	C16H11NO2	098033-24-0	32
3	12H-Benzo[a]phenothiazine	249	C16H11NS	000225-83-2	27
4	10H-Phenothiazin-3-ol, 2-chloro-	249	C12H8ClNOS	016770-99-3	27
5	Isothiocyanic acid, s-phenenyl e...	249	C9H3N3S3	101670-67-1	27





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : H6168-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	10.7	ng	711846	1	6.76	1336420	20.0
unknown6.52	6.52	59.4	ng	3971460	1	6.76	1336420	20.0
n-Hexadecanoic acid	11.84	31.8	ng	2941120	4	11.28	1847520	20.0
unknown11.91	11.91	14.3	ng	1323390	4	11.28	1847520	20.0
unknown12.02	12.02	17.2	ng	1589970	4	11.28	1847520	20.0
unknown12.97	12.97	19.8	ng	1433990	5	13.91	1450360	20.0
unknown13.00	13.00	17.9	ng	1296200	5	13.91	1450360	20.0
unknown13.09	13.09	11.6	ng	839825	5	13.91	1450360	20.0
Pyrrolo[1,2-a]-1,...	13.14	12.7	ng	923181	5	13.91	1450360	20.0
Squalene	14.75	12.8	ng	711168	6	15.31	1107360	20.0
Epicholestanol	15.96	148.0	ng	8196840	6	15.31	1107360	20.0
Cholestan-3-one, ...	16.15	58.4	ng	3231750	6	15.31	1107360	20.0
Cholestanol	16.18	15.7	ng	868457	6	15.31	1107360	20.0
Cholestan-3-ol	16.49	9.5	ng	523735	6	15.31	1107360	20.0
unknown16.71	16.71	81.3	ng	4501700	6	15.31	1107360	20.0
Ergostanol	16.97	27.8	ng	1540370	6	15.31	1107360	20.0
17-(1,5-Dimethylh...	17.22	13.6	ng	754189	6	15.31	1107360	20.0
unknown17.36	17.36	10.1	ng	556178	6	15.31	1107360	20.0
unknown17.96	17.96	18.6	ng	1032870	6	15.31	1107360	20.0