LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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-BF063016.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	1.655	5	6	15	rVB	77595	134348	10.04%	0.666%
2	1.770	15	16	22	rBV	861481	1294017	96.72%	6.415%
3	4.821	280	283	289	rBB	109963	177808	13.29%	0.882%
4	5.267	320	322	325	rBV	1181900	1119833	83.70%	5.552%
5	6.330	412	415	417	rBV	1235060	1326045	99.12%	6.574%
6	6.444	422	425	427	rBV	1351219	1197034	89.48%	5.935%
7	6.673	443	445	448	rBV	463428	384771	28.76%	1.908%
8	6.833	456	459	461	rBB	1172627	1051086	78.57%	5.211%
9	7.245	492	495	497	rBV	842486	850797	63.59%	4.218%
10	7.965	555	558	560	rBV	453684	489540	36.59%	2.427%
11	9.039	649	652	654	rBV	1584704	1337837	100.00%	6.633%
12	9.439	684	687	689	rVB	615142	555597	41.53%	2.755%
13	9.565	697	698	700	rBV	25097	22267	1.66%	0.110%
14	9.656	704	706	708	rVV	20161	15986	1.19%	0.079%
15	9.713	708	711	712	rVV	403740	461278	34.48%	2.287%
16	9.736	712	713	715	rVB	26112	22373	1.67%	0.111%
17	9.908	727	728	730	rVB	20301	19587	1.46%	0.097%
18	10.125	742	747	748	rBV2	9931	15782	1.18%	0.078%
19	10.159	748	750	751	rVB	28713	27277	2.04%	0.135%
20	10.251	757	758	760	rVB	39891	29041	2.17%	0.144%
21	10.365	765	768	770	rBV2	10942	19122	1.43%	0.095%
22	10.411	770	772	775	rVB	14361	16504	1.23%	0.082%
23	10.491	777	779	782	rVV	639286	581881	43.49%	2.885%
24	10.628	789	791	794	rVB	41662	52652	3.94%	0.261%
25	10.822	804	808	810	rVB2	7386	16101	1.20%	0.080%
26	10.994	821	823	825	rVB	19362	23614	1.77%	0.117%
27	11.074	828	830	835	rVB	44308	54792	4.10%	0.272%
28	11.188	837	840	841	rVV	336315	502409	37.55%	2.491%
29	11.211	841	842	843	rVV	417200	289111	21.61%	1.433%
30	11.256	843	846	848	rVB	131719	112604	8.42%	0.558%
31	11.416	858	860	864	rBV2	24188	52660	3.94%	0.261%
32	11.496	864	867	870	rVB	18645	33746	2.52%	0.167%
33	11.679	881	883	884	rBV	48114	43248	3.23%	0.214%
34	11.714	884	886	888	rVB	57787	59400	4.44%	0.294%

LSC Area Percent Report

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Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.759	888	890	891	rBV	28573	26095	1.95%	0.129%
36	11.794	891	893	897	rVB2	88451	115150	8.61%	0.571%
37	11.896	897	902	905	rBV2	7867	17885	1.34%	0.089%
38	11.976	907	909	910	rBV	46864	38105	2.85%	0.189%
39	12.228	929	931	933	rBV	30661	36086	2.70%	0.179%
40	12.285	933	936	937	rVV2	16893	32280	2.41%	0.160%
41	12.308	937	938	943	rVB2	37661	41979	3.14%	0.208%
42	12.388	943	945	947	rBV	735993	627058	46.87%	3.109%
43	12.537	955	958	962	rBV2	18591	30301	2.26%	0.150%
44	12.617	962	965	967	rBV	596971	660639	49.38%	3.275%
45	12.662	967	969	972	rVB	29592	37764	2.82%	0.187%
46	12.731	973	975	976	rBV	31191	31233	2.33%	0.155%
47	12.765	976	978	980	rVB	1052494	905390	67.68%	4.489%
48	12.834	980	984	988	rVB2	32458	60832	4.55%	0.302%
49	12.937	990	993	996	rVB	53123	99997	7.47%	0.496%
50	13.005	996	999	1001	rBV	52426	68282	5.10%	0.339%
51	13.039	1001	1002	1006	rVB	56664	66714	4.99%	0.331%
52	13.131	1009	1010	1012	rVB	23281	23244	1.74%	0.115%
53	13.165	1012	1013	1015	rBV	31401	27911	2.09%	0.138%
54	13.245	1018	1020	1022	rBV	181317	194096	14.51%	0.962%
55	13.348	1025	1029	1034	rVB6	16924	48009	3.59%	0.238%
56	13.439	1034	1037	1042	rBV	48613	83889	6.27%	0.416%
57	13.554	1045	1047	1048	rBV	56798	66910	5.00%	0.332%
58	13.600	1048	1051	1054	rVB3	22299	64732	4.84%	0.321%
59	13.645	1054	1055	1057	rBV	32015	61675	4.61%	0.306%
60	13.680	1057	1058	1066	rVB3	81604	114231	8.54%	0.566%
61	13.805	1066	1069	1074	rBV2	539801	989581	73.97%	4.906%
62	13.908	1074	1078	1080	rBV	51949	67402	5.04%	0.334%
63	13.988	1084	1085	1087	rBV	13723	25697	1.92%	0.127%
64	14.114	1095	1096	1098	rBV2	15146	18584	1.39%	0.092%
65	14.194	1098	1103	1104	rVV2	49887	83478	6.24%	0.414%
66	14.228	1104	1106	1107	rVV	29101	37628	2.81%	0.187%
67	14.308	1109	1113	1119	rVV3	78383	221375	16.55%	1.098%
68	14.422	1121	1123	1127	rVV	21549	53198	3.98%	0.264%
69	14.491	1127	1129	1131	rVV	33995	64162	4.80%	0.318%
70	14.582	1134	1137	1139	rVV	50018	98857	7.39%	0.490%
71	14.662	1141	1144	1146	rVV3	59536	116626	8.72%	0.578%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.720	1148	1149	1150	rVV	53271	46409	3.47%	0.230%
73	14.742	1150	1151	1153	rVV2	41635	48220	3.60%	0.239%
74	14.800	1153	1156	1160	rVV	228145	444141	33.20%	2.202%
75	14.891	1161	1164	1165	rVV2	89851	107159	8.01%	0.531%
76	14.914	1165	1166	1169	rVB	40154	59985	4.48%	0.297%
77	15.063	1177	1179	1182	rVB	117695	135421	10.12%	0.671%
78	15.120	1182	1184	1186	rBV	132835	181497	13.57%	0.900%
79	15.177	1186	1189	1190	rBV	158305	243615	18.21%	1.208%
80	15.303	1198	1200	1204	rBV4	13804	26264	1.96%	0.130%
81	15.394	1206	1208	1211	rVB3	28755	39478	2.95%	0.196%
82	15.600	1223	1226	1228	rBV	48364	77921	5.82%	0.386%
83	15.657	1228	1231	1234	rVB3	25997	46612	3.48%	0.231%
84	15.783	1240	1242	1249	rVB6	21748	65347	4.88%	0.324%
85	16.148	1272	1274	1281	rVB8	21891	53043	3.96%	0.263%
86	16.285	1281	1286	1290	rBV5	35501	92269	6.90%	0.457%
87	16.434	1296	1299	1303	rVB2	55345	102548	7.67%	0.508%
88	16.594	1310	1313	1315	rBV2	21822	41865	3.13%	0.208%
89	16.651	1315	1318	1320	rVV2	18771	41639	3.11%	0.206%
90	16.720	1321	1324	1329	rVB	40466	99260	7.42%	0.492%
91	16.823	1329	1333	1339	rBV	45484	94188	7.04%	0.467%
92	16.960	1342	1345	1348	rBV4	21427	50348	3.76%	0.250%
93	17.657	1402	1406	1407	rBV3	6606	15777	1.18%	0.078%
94	17.817	1417	1420	1429	rVB3	20887	62424	4.67%	0.309%
95	18.594	1484	1488	1492	rBV6	7798	27327	2.04%	0.135%
96	18.720	1494	1499	1508	rVB5	66293	220348	16.47%	1.092%

Sum of corrected areas: 20170328

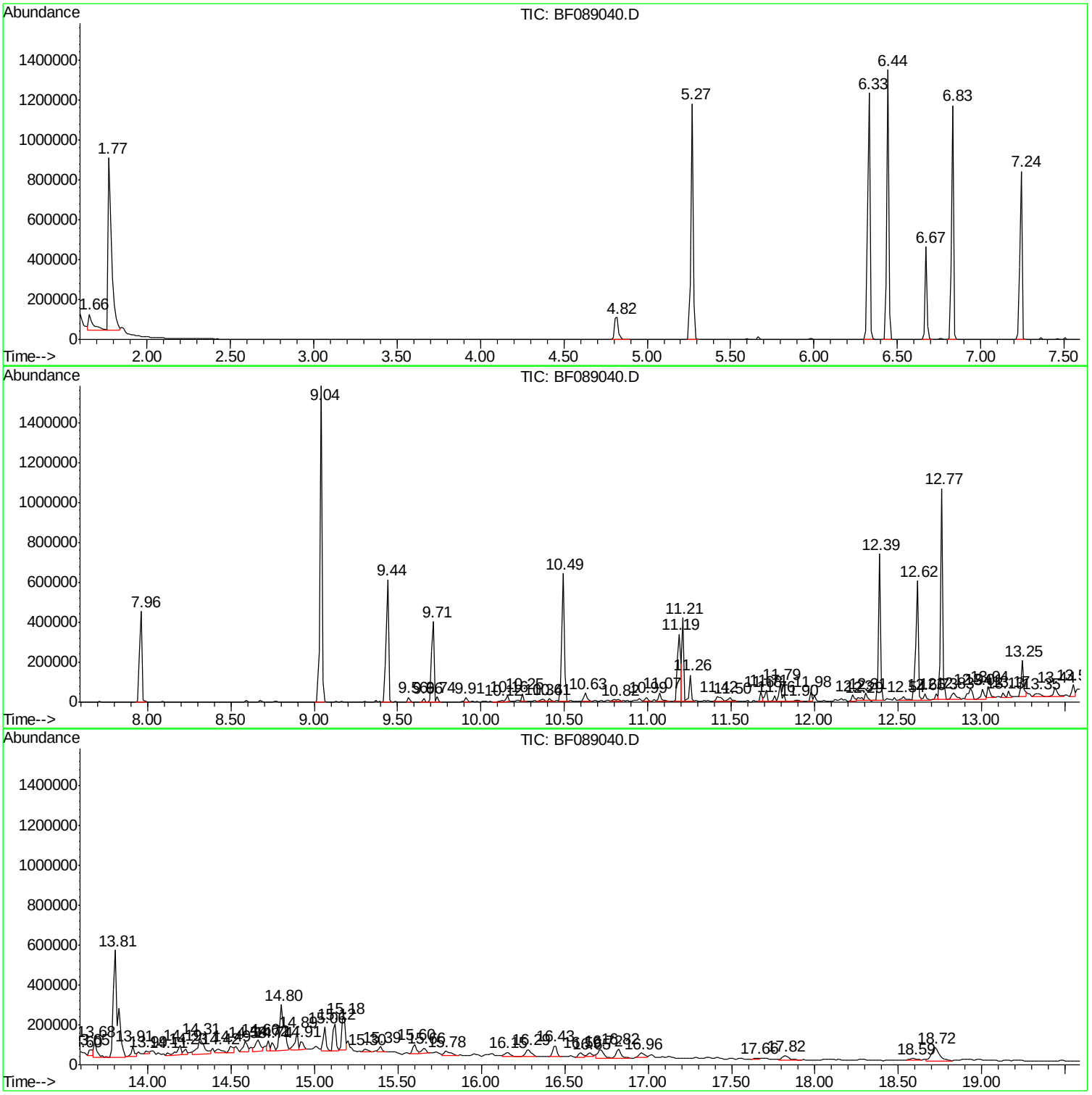
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

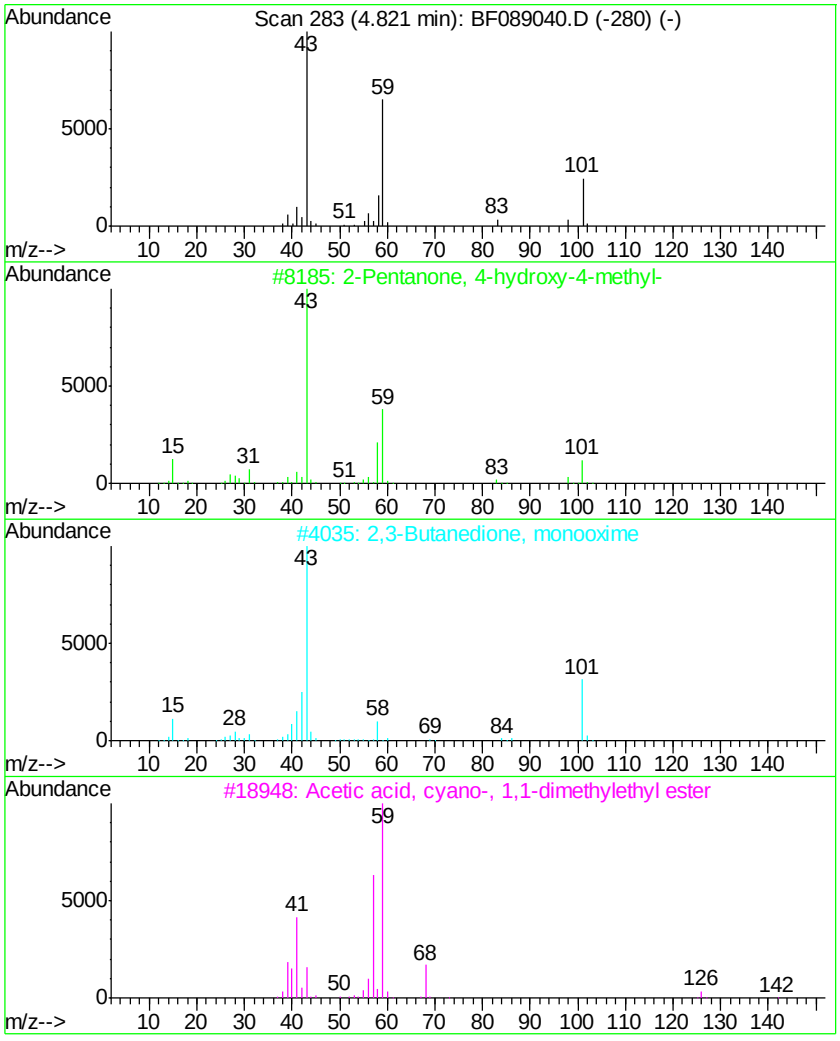
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

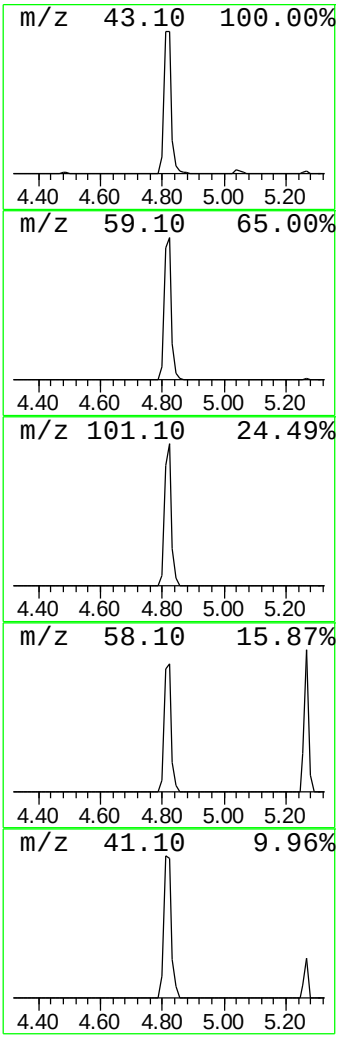
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	9.24 ng	177808	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

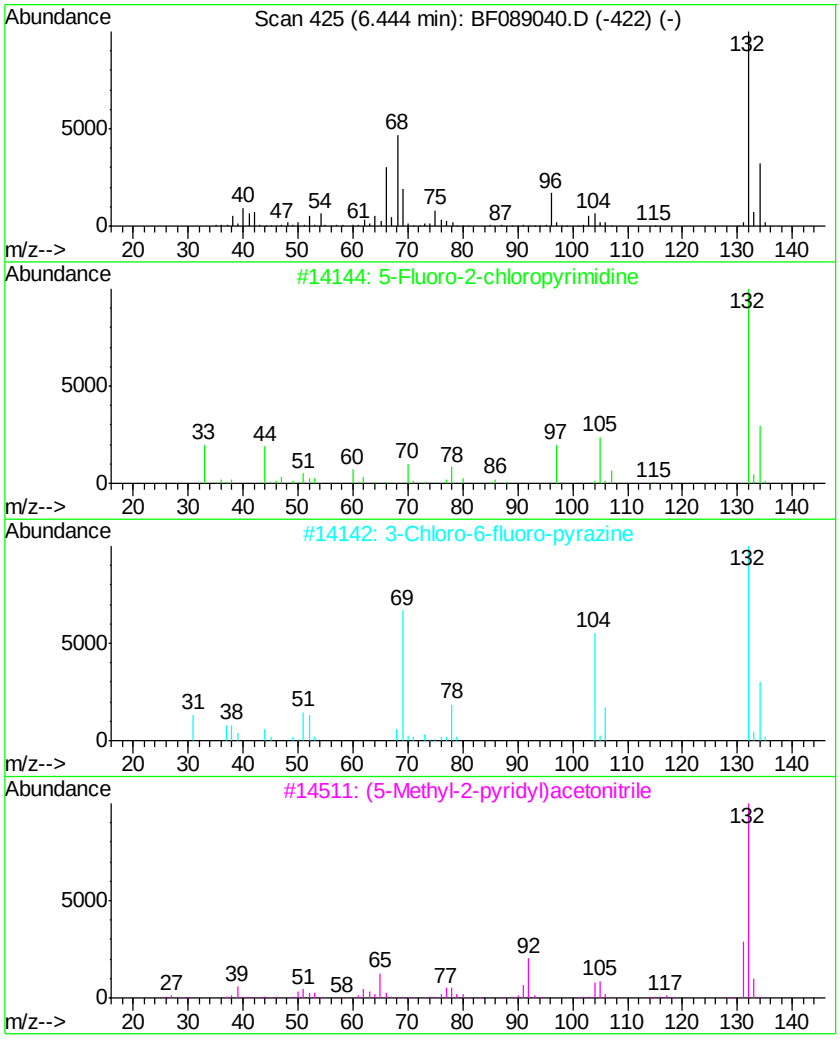
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

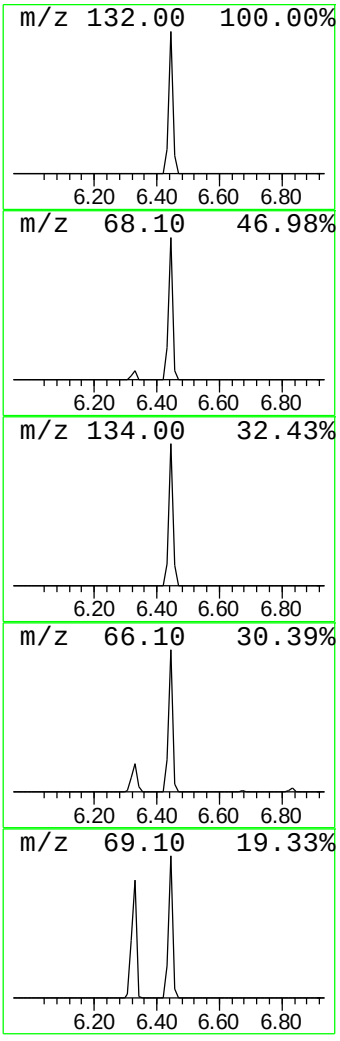
****

Peak Number 4 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	62.22 ng	1197030	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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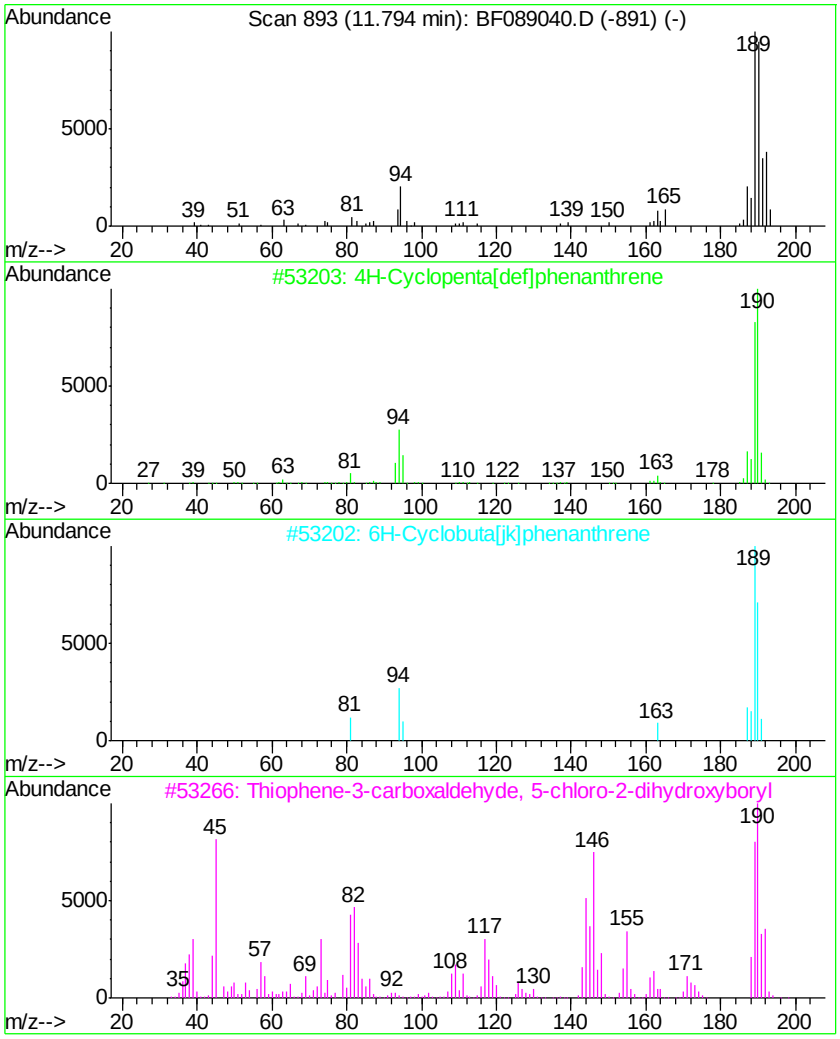
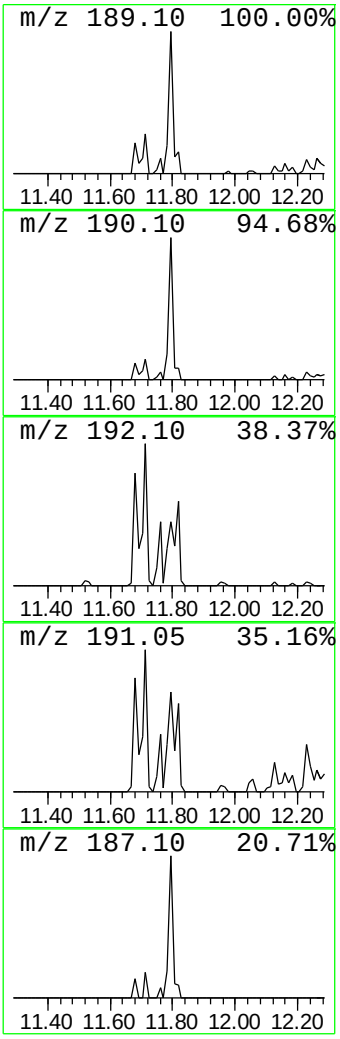
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.58 ng	115150	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

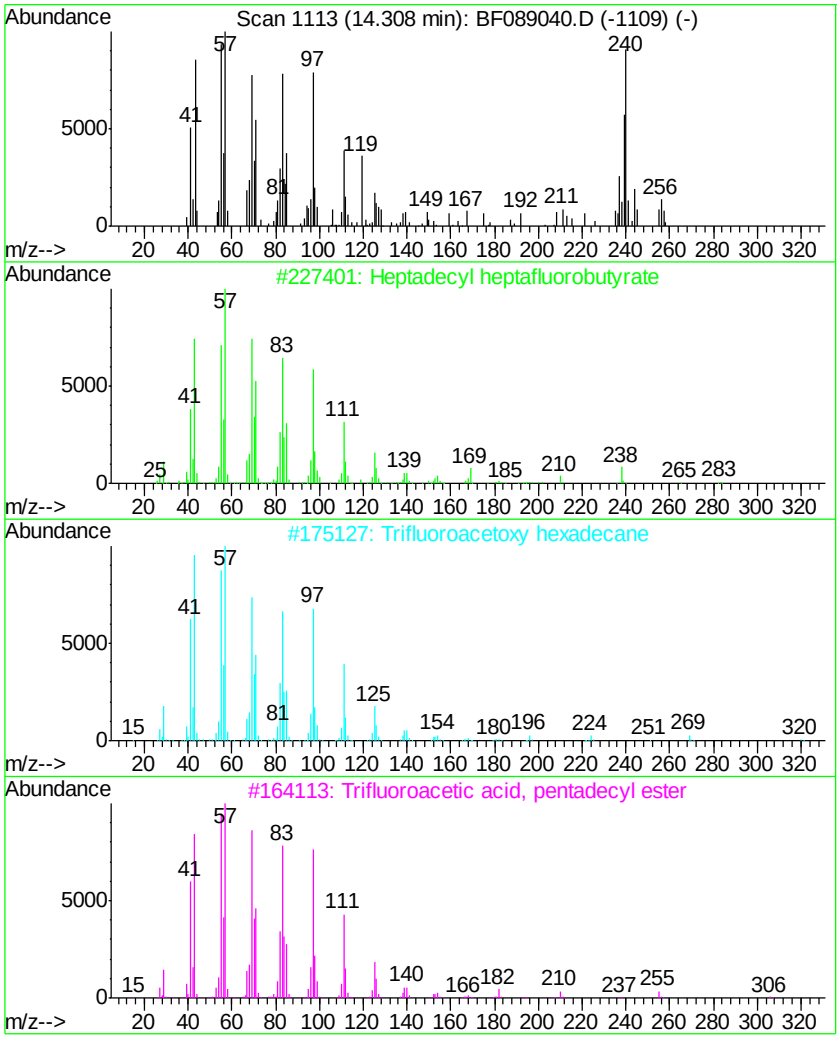
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

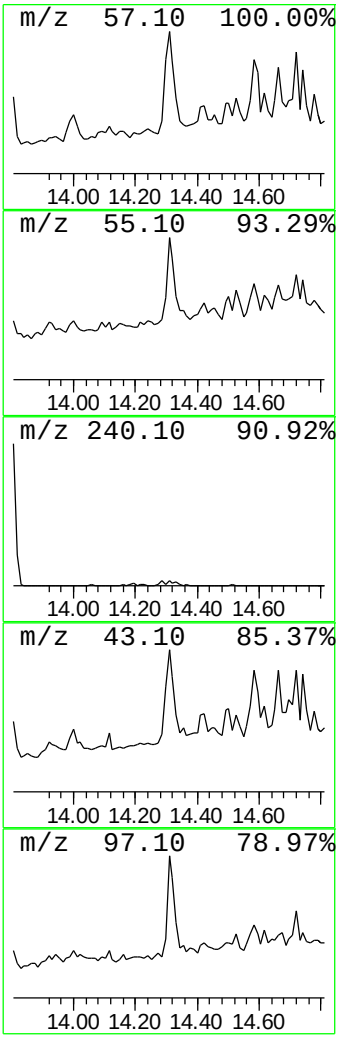
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.47 ng	221375	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	60
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	60
5	1-Heneicosanol	312	C21H44O	015594-90-8	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

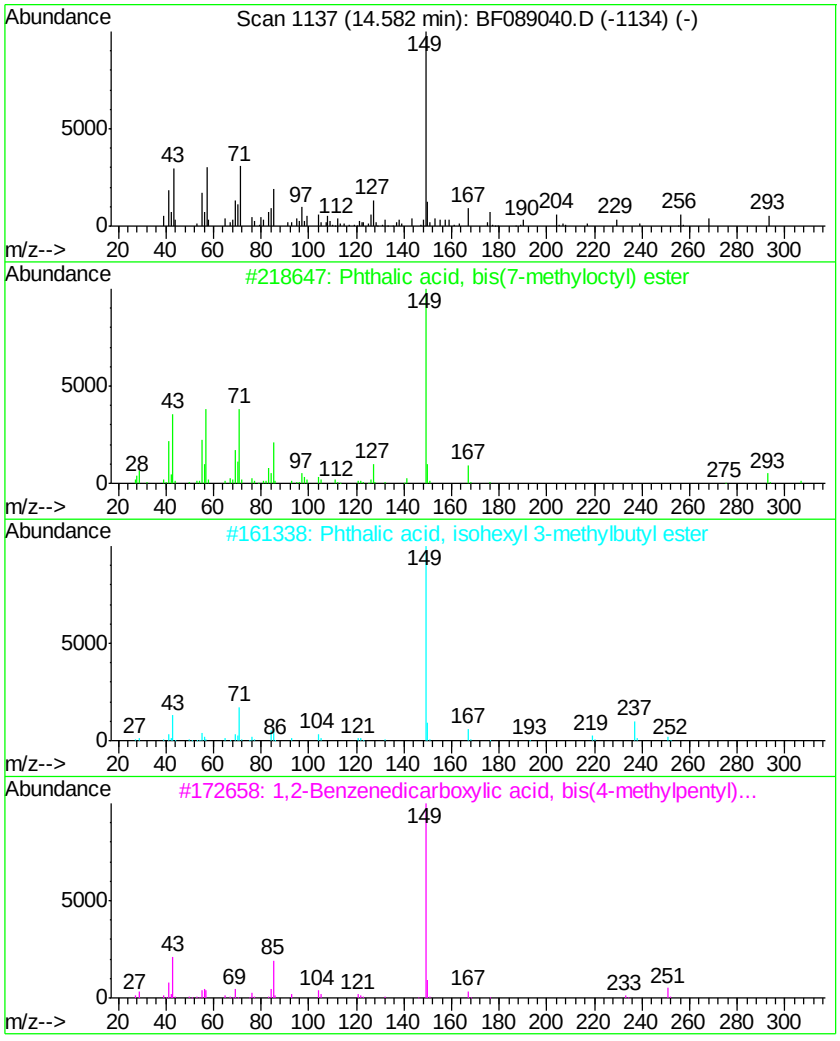
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

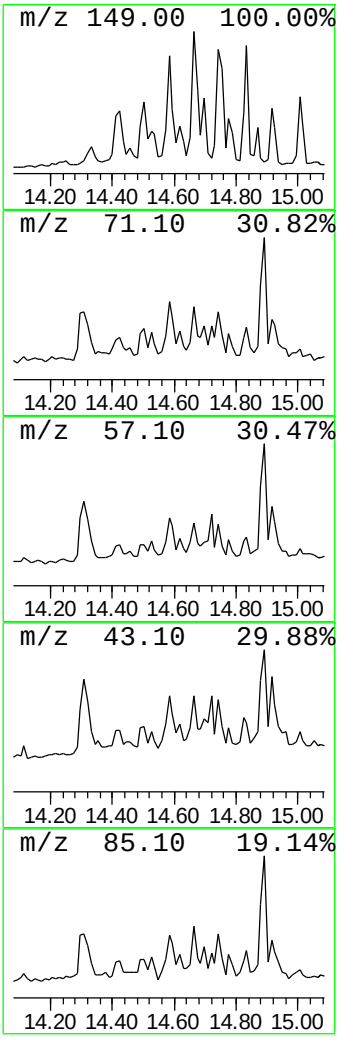
****

Peak Number 8 Phthalic acid, bis(7-methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	8.12 ng	98857	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	86
2	Phthalic acid, isohexyl 3-methyl...	320	C19H28O4	1000356-80-6	64
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	53
4	Phthalic acid, cyclohexyl neopen...	318	C19H26O4	1000315-54-2	52
5	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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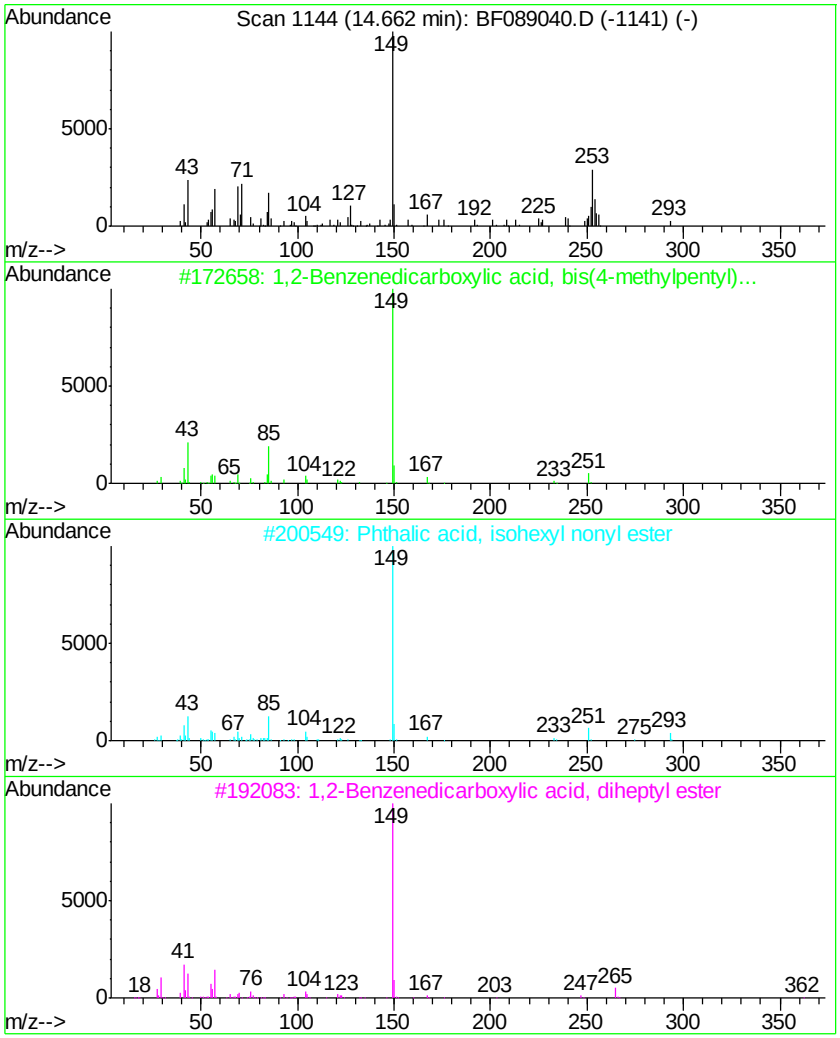
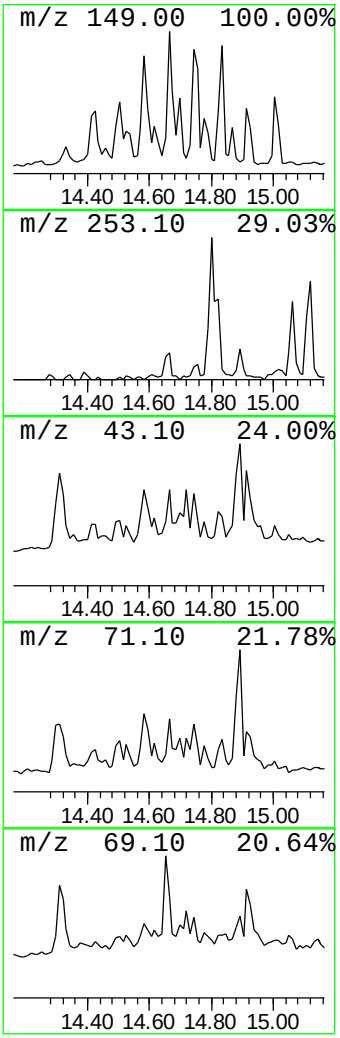
Peak Number 9 unknown14.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	9.57 ng	116626	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	49
2	Phthalic acid, isohexyl nonyl ester	376	C23H36O4	1000309-07-2	47
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	43
4	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	43
5	Phthalic acid, cyclohexyl propyl...	290	C17H22O4	1000315-33-4	43





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Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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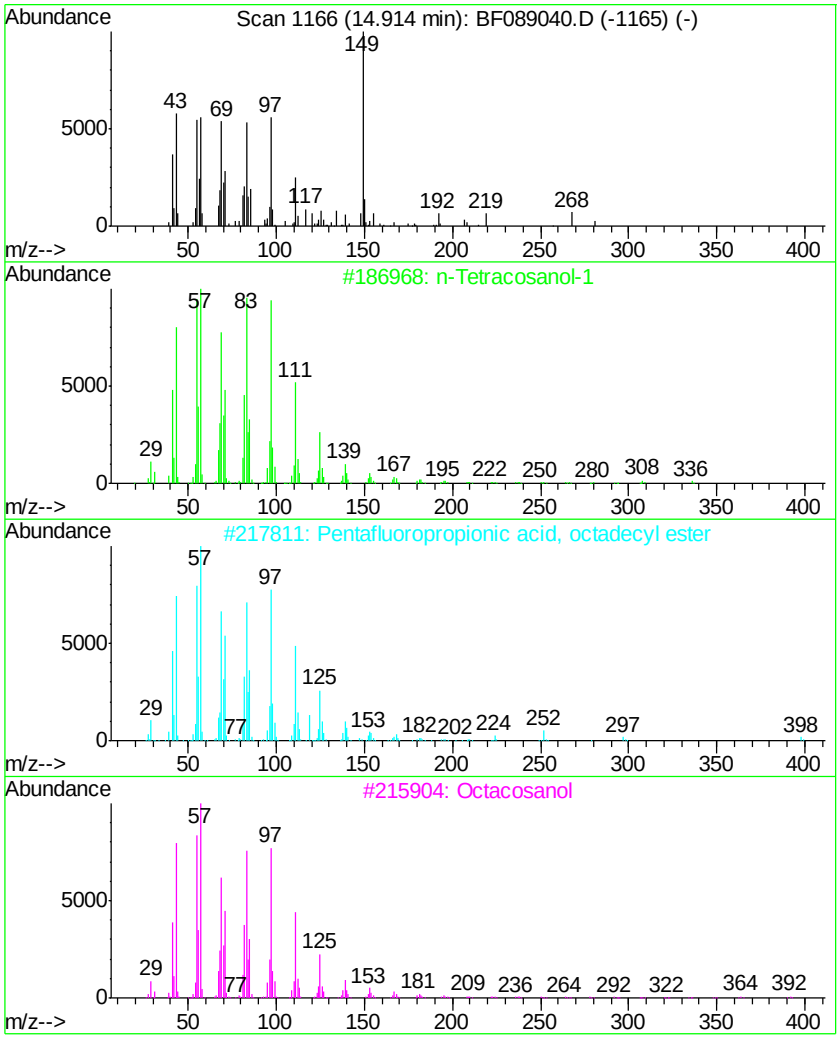
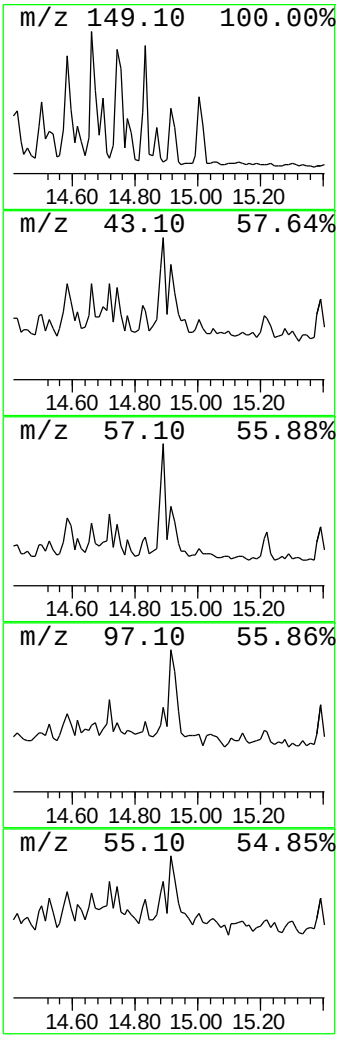
Peak Number 11 unknown14.91 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	4.92 ng	59985	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	46
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	46
3	Octacosanol	410	C28H58O	000557-61-9	46
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	43
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	42





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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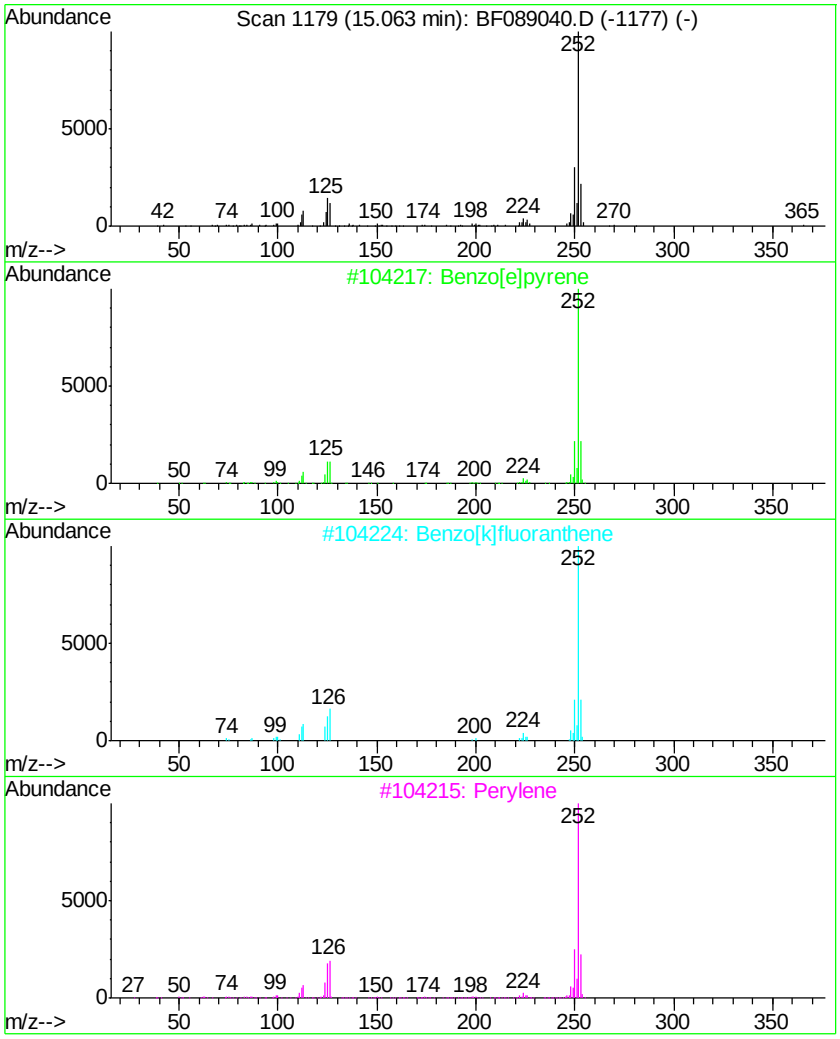
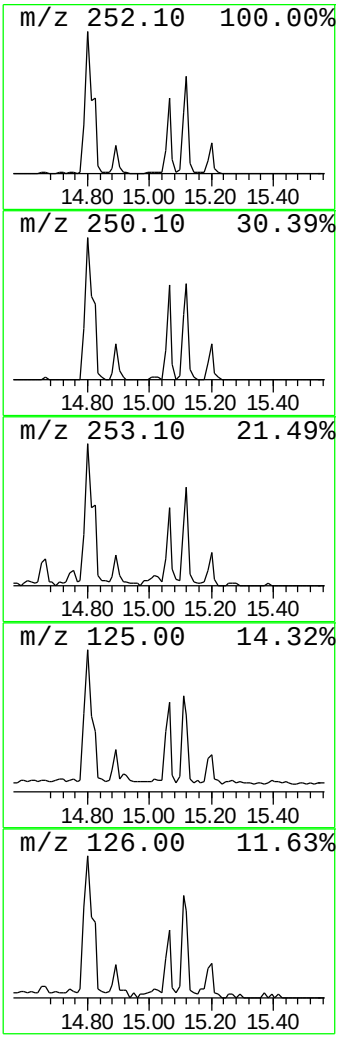
Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	11.12 ng	135421	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





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TIC Library : C:\Database\NIST11.L
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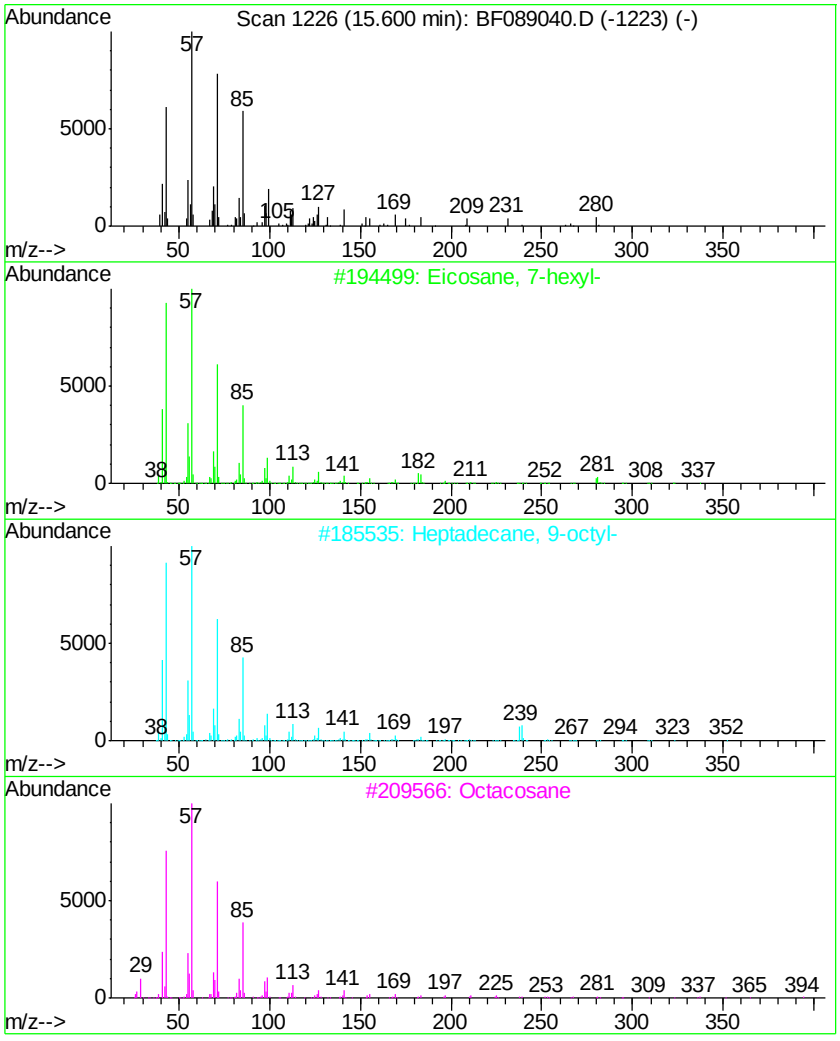
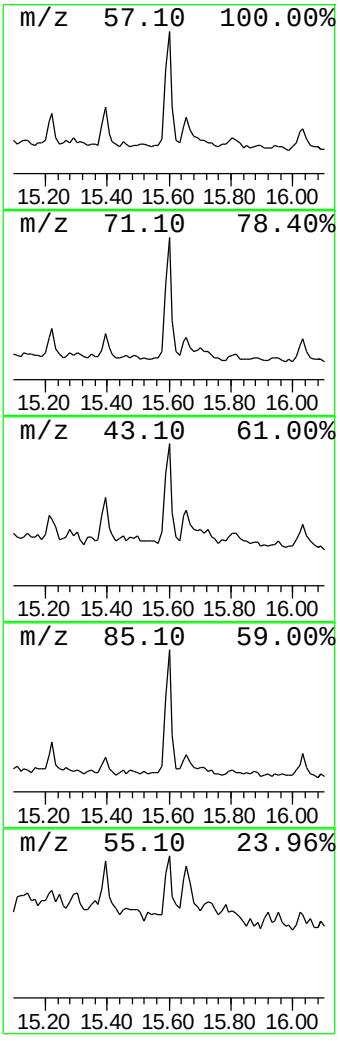
Peak Number 13 Eicosane, 7-hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	6.40 ng	77921	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





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TIC Library : C:\Database\NIST11.L
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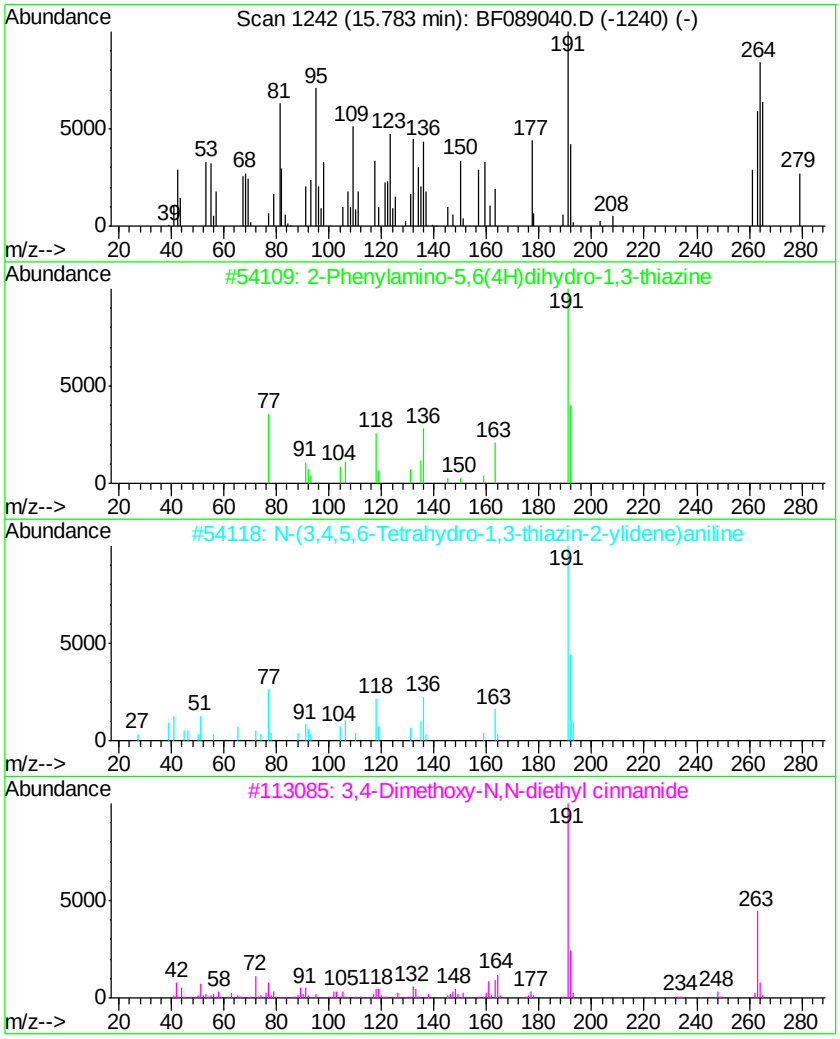
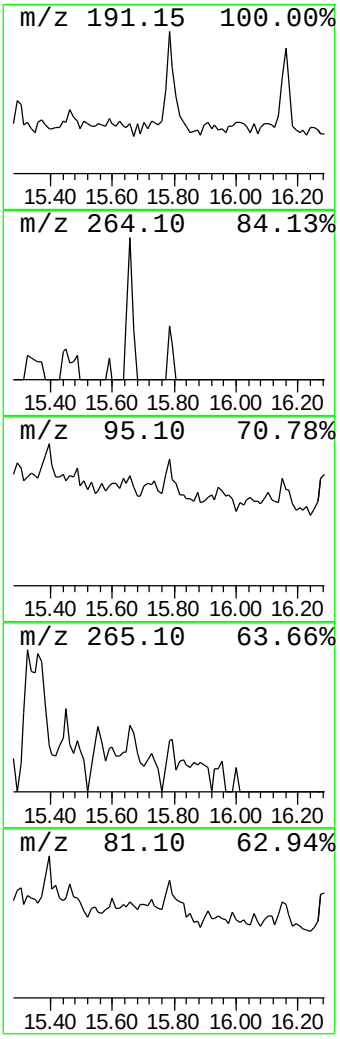
Peak Number 14 unknown15.78 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	5.36 ng	65347	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	14
2	N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	14
3	3,4-Dimethoxy-N,N-diethyl cinnamide	263	C15H21NO3	185410-48-4	12
4	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	11
5	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	10





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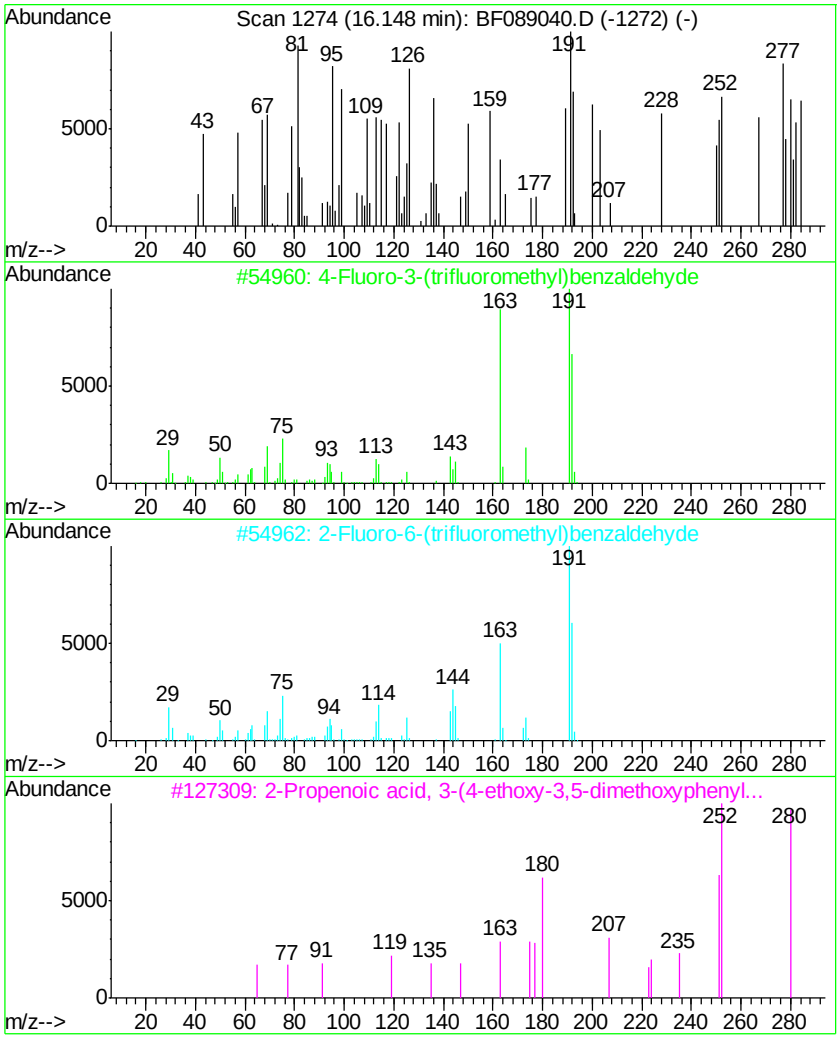
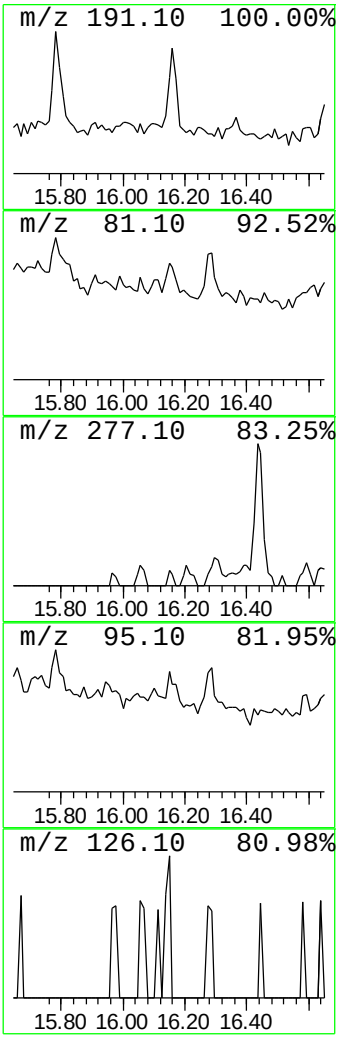
Peak Number 15 unknown16.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	4.35 ng	53043	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-3-(trifluoromethyl)benz...	192	C8H4F4O	067515-60-0	11
2	2-Fluoro-6-(trifluoromethyl)benz...	192	C8H4F4O	060611-24-7	10
3	2-Propenoic acid, 3-(4-ethoxy-3,...	280	C15H20O5	075332-50-2	10
4	4-Fluoro-2-(trifluoromethyl)benz...	192	C8H4F4O	090176-80-0	10
5	3-Fluoro-5-(trifluoromethyl)benz...	192	C8H4F4O	188815-30-7	10





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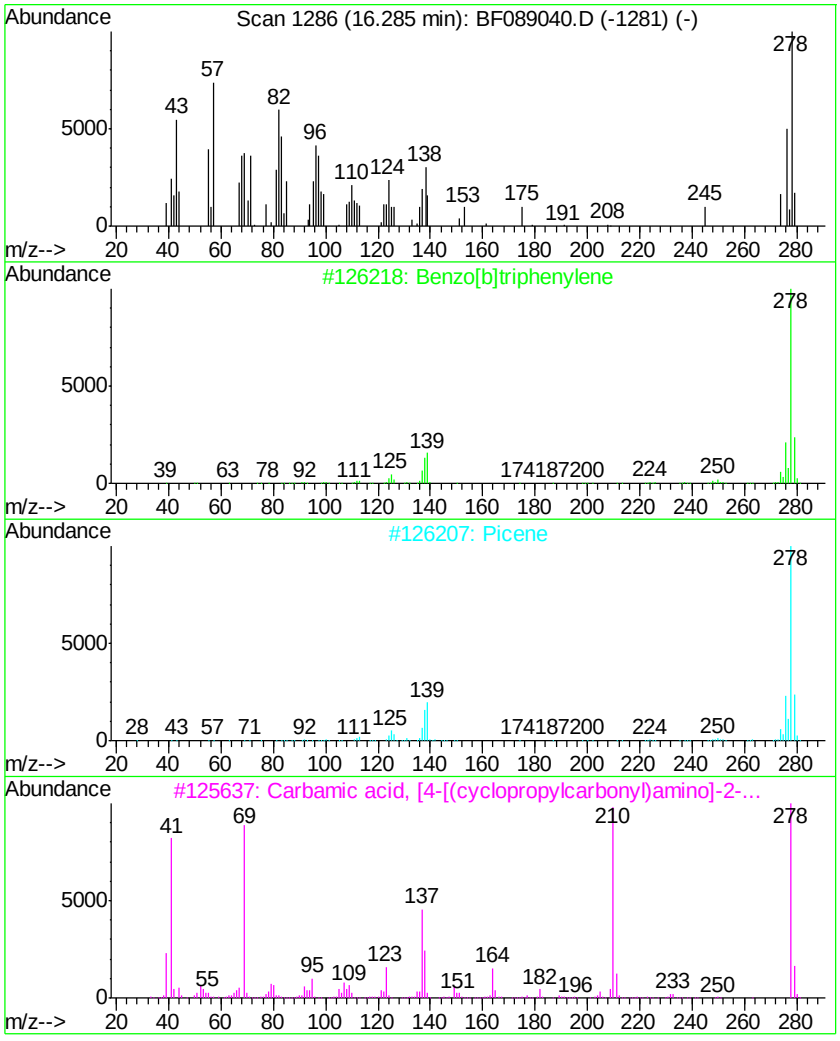
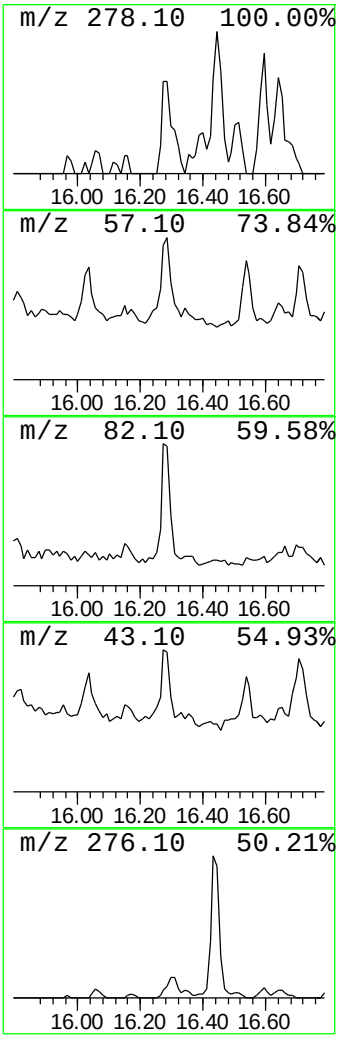
Peak Number 16 unknown16.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	7.57 ng	92269	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	27
2	Picene	278	C22H14	000213-46-7	27
3	Carbamic acid, [4-[(cyclopropylc...	278	C14H18N2O4	1000337-41-0	27
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	22
5	[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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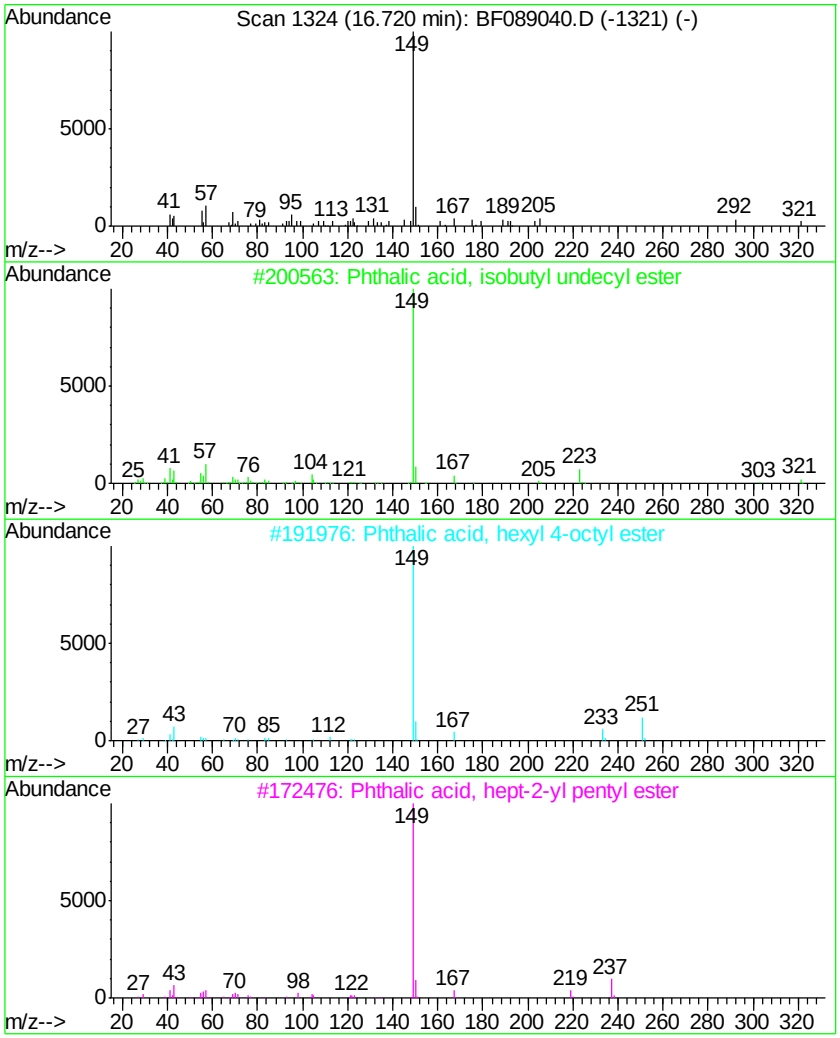
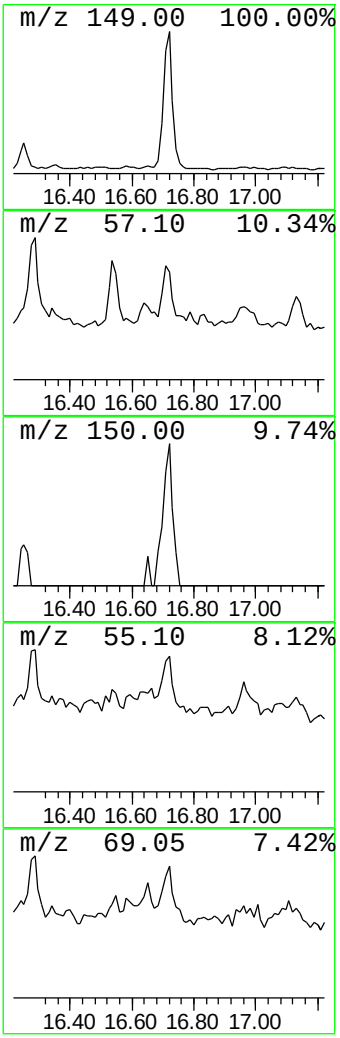
Peak Number 17 Phthalic acid, isobutyl und... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	8.15 ng	99260	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isobutyl undecyl ...	376	C23H36O4	1000308-97-3	64
2	Phthalic acid, hexyl 4-octyl ester	362	C22H34O4	1000314-84-0	59
3	Phthalic acid, hept-2-yl pentyl ...	334	C20H30O4	1000356-97-2	59
4	Phthalic acid, cyclohexyl hexyl ...	332	C20H28O4	1000315-33-7	59
5	Phthalic acid, 8-chlorooctyl dod...	480	C28H45ClO4	1000356-86-7	59





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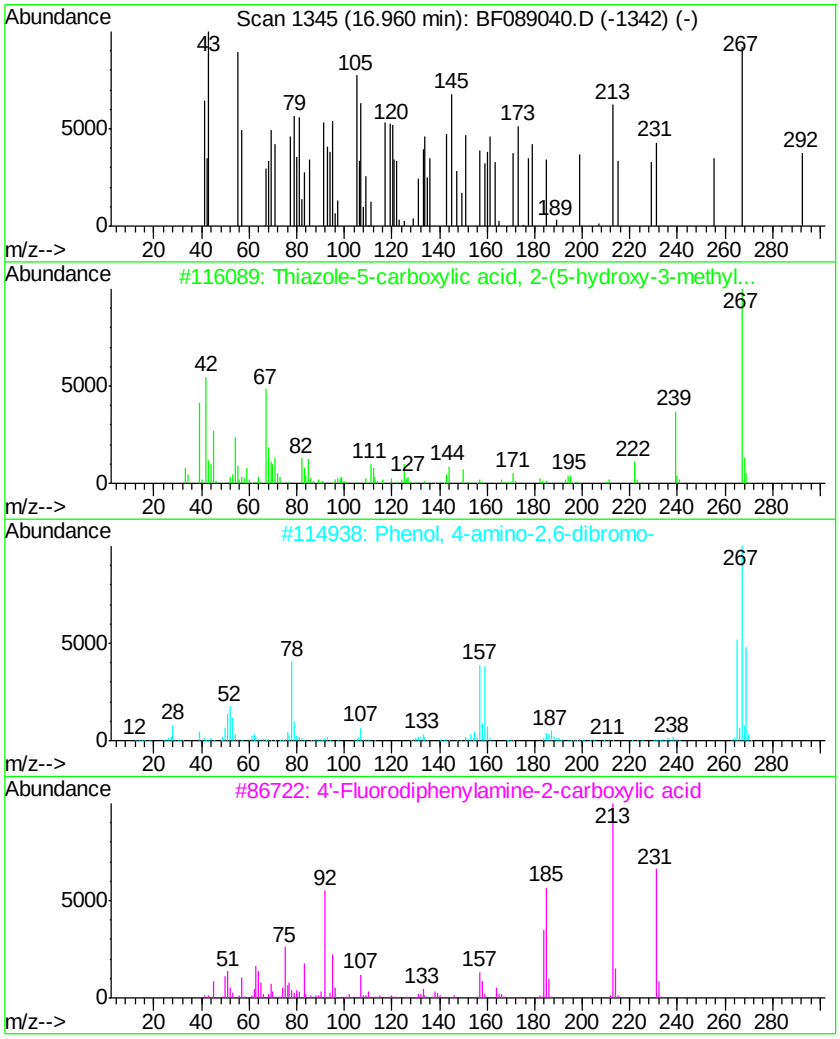
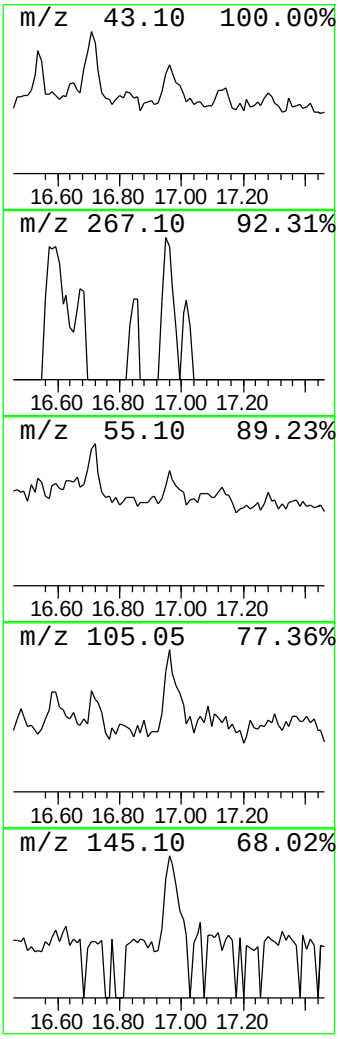
Peak Number 18 unknown16.96 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	4.13 ng	50348	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole-5-carboxylic acid, 2-(5...	267	C11H13N3O3S	1000302-24-3	10
2	Phenol, 4-amino-2,6-dibromo-	265	C6H5Br2NO	000609-21-2	10
3	4'-Fluorodiphenylamine-2-carboxy...	231	C13H10FNO2	000054-60-4	10
4	Anthranilic acid, N-(o-fluorophe...	231	C13H10FNO2	000054-58-0	10
5	Furan-2-carboxylic acid, (1-benz...	267	C15H13N3O2	1000316-90-5	9





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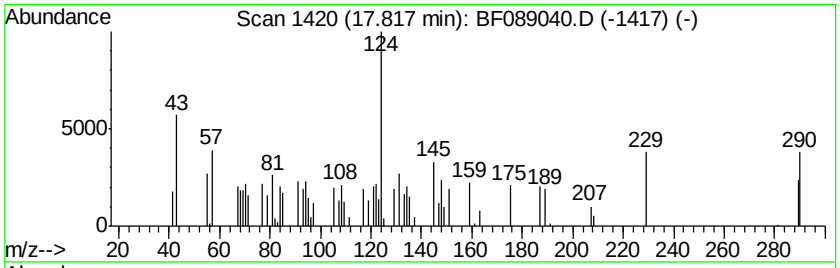
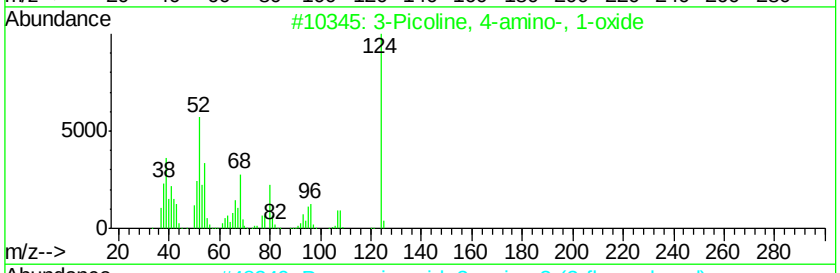
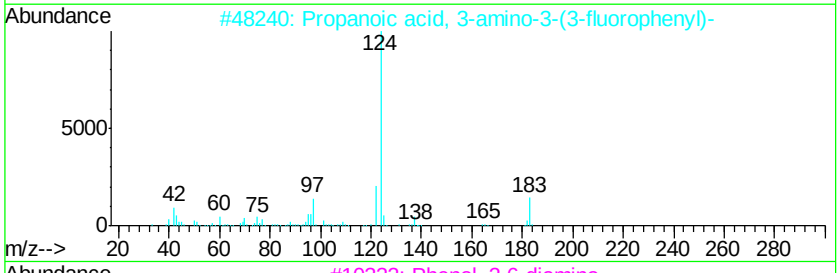
Peak Number 19 unknown17.82 Concentration Rank 15

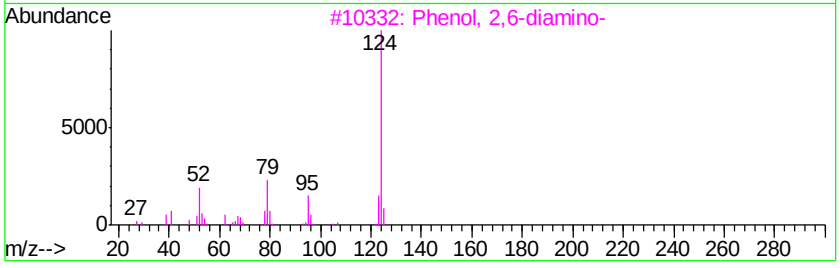
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.12 ng	62424	Perylene-d12	15.18

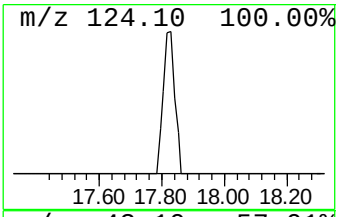
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Picoline, 4-amino-, 1-oxide	124	C6H8N2O	004832-24-0	10
2	Propanoic acid, 3-amino-3-(3-flu...	183	C9H10FNO2	117391-51-2	10
3	Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	10
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	9
5	Sambucinol	266	C15H22O4	090044-33-0	9

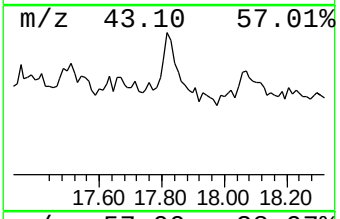


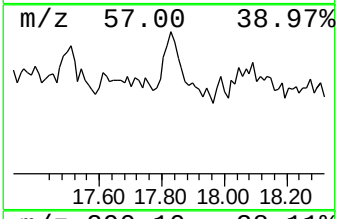


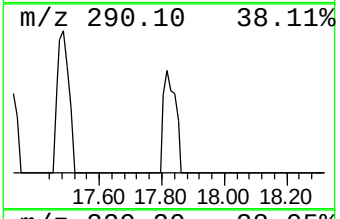


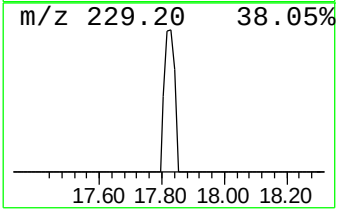












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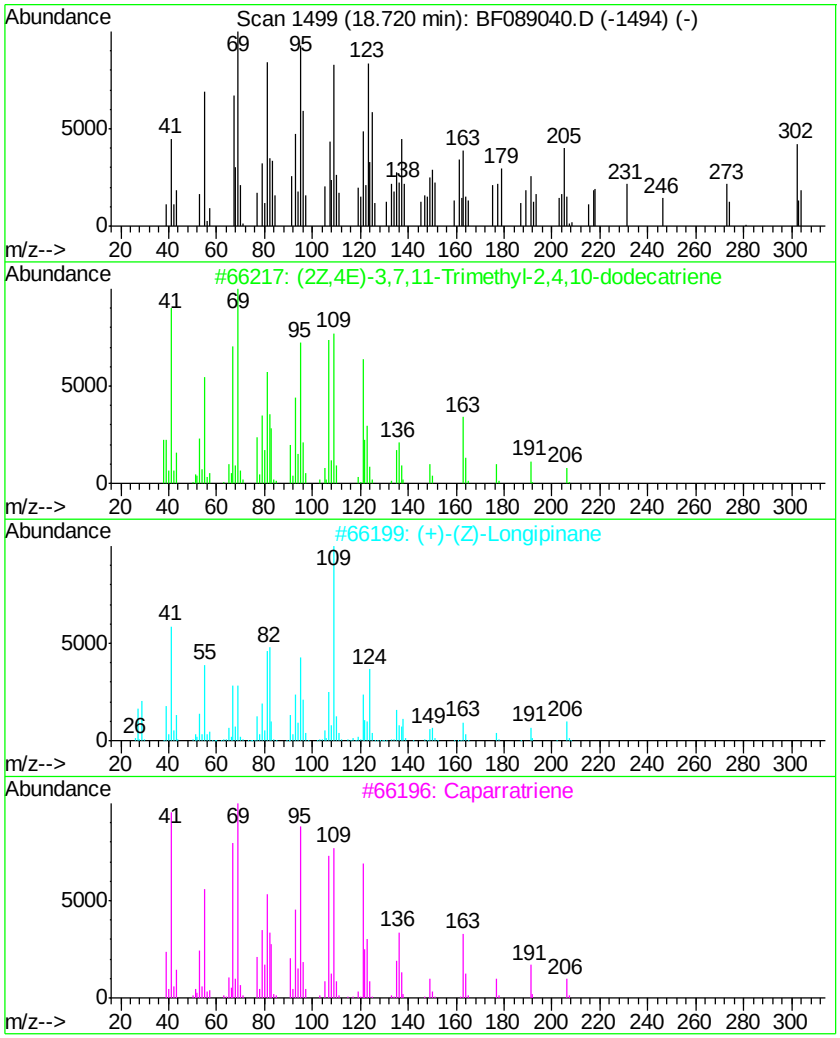
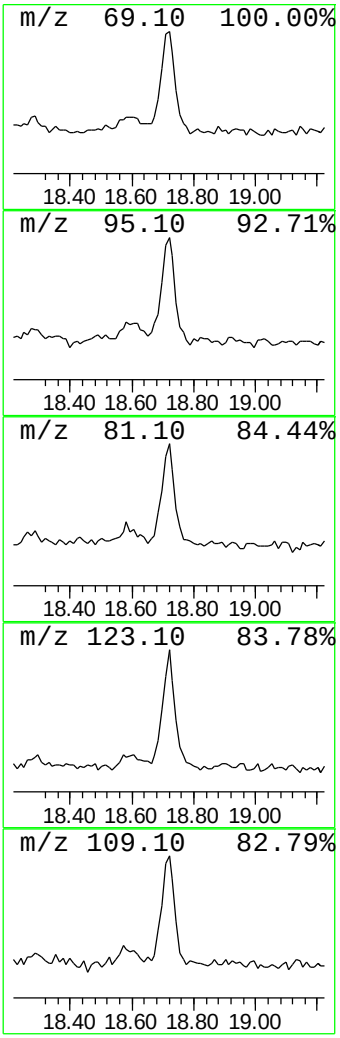
Peak Number 20 (2Z,4E)-3,7,11-Trimethyl-2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	18.09 ng	220348	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	66
2	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	44
3	Caparratriene	206	C15H26	1000374-08-7	38
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	35
5	d-Norandrostane (5.alpha.,14.alp...	246	C18H30	1000281-13-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089040.D
Acq On : 16 Jul 2016 4:34
Operator : UM/SJ
Sample : H4048-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.82	9.2	ng	177808	1	6.67	384771	20.0
unknown6.44	6.44	62.2	ng	1197030	1	6.67	384771	20.0
4H-Cyclopenta[def...	11.79	4.6	ng	115150	4	11.19	502409	20.0
Heptadecyl heptaf...	14.31	4.5	ng	221375	5	13.81	989581	20.0
Phthalic acid, bi...	14.58	8.1	ng	98857	6	15.18	243615	20.0
unknown14.66	14.66	9.6	ng	116626	6	15.18	243615	20.0
unknown14.91	14.91	4.9	ng	59985	6	15.18	243615	20.0
Benzo[e]pyrene	15.06	11.1	ng	135421	6	15.18	243615	20.0
Eicosane, 7-hexyl-	15.60	6.4	ng	77921	6	15.18	243615	20.0
unknown15.78	15.78	5.4	ng	65347	6	15.18	243615	20.0
unknown16.15	16.15	4.3	ng	53043	6	15.18	243615	20.0
unknown16.29	16.29	7.6	ng	92269	6	15.18	243615	20.0
Phthalic acid, is...	16.72	8.2	ng	99260	6	15.18	243615	20.0
unknown16.96	16.96	4.1	ng	50348	6	15.18	243615	20.0
unknown17.82	17.82	5.1	ng	62424	6	15.18	243615	20.0
(2Z,4E)-3,7,11-Tr...	18.72	18.1	ng	220348	6	15.18	243615	20.0