LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

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-BF110817.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	2.169	10	14	26	rVB2	48650	79533	2.56%	0.253%
2	3.434	227	229	248	rBV	18694	57459	1.85%	0.183%
3	4.481	404	407	413	rBV	40924	42702	1.38%	0.136%
4	5.093	507	511	518	rVB	244858	280706	9.04%	0.892%
5	5.493	572	579	582	rBV	1215112	1219022	39.27%	3.874%
6	5.722	614	618	626	rVB2	91641	102495	3.30%	0.326%
7	6.398	729	733	735	rVB	71545	60115	1.94%	0.191%
8	6.428	735	738	741	rBV	51110	37316	1.20%	0.119%
9	6.469	741	745	746	rVV	84170	66607	2.15%	0.212%
10	6.492	746	749	756	rVV	784207	743172	23.94%	2.362%
11	6.557	757	760	763	rVB	84014	63865	2.06%	0.203%
12	6.645	770	775	778	rBV	2132244	2090306	67.34%	6.643%
13	6.698	781	784	788	rVB	90402	80711	2.60%	0.256%
14	6.869	810	813	816	rBV	531220	477431	15.38%	1.517%
15	6.928	820	823	826	rBV	199584	163616	5.27%	0.520%
16	7.034	836	841	843	rBV	2134852	2166654	69.80%	6.885%
17	7.051	843	844	847	rVB	92332	49550	1.60%	0.157%
18	7.145	857	860	863	rVB	45646	39515	1.27%	0.126%
19	7.187	863	867	869	rBV	95756	73618	2.37%	0.234%
20	7.263	875	880	884	rBV2	47820	62887	2.03%	0.200%
21	7.334	889	892	894	rBV	46235	40232	1.30%	0.128%
22	7.357	894	896	899	rVB	46524	36266	1.17%	0.115%
23	7.404	899	904	905	rBV	122090	116907	3.77%	0.372%
24	7.439	905	910	913	rVB	1631510	1730767	55.76%	5.500%
25	7.516	919	923	926	rBV2	25873	32409	1.04%	0.103%
26	7.551	926	929	932	rBV2	54827	45423	1.46%	0.144%
27	7.634	941	943	946	rBV	58321	52551	1.69%	0.167%
28	7.663	946	948	951	rVB	127016	89159	2.87%	0.283%
29	7.798	968	971	973	rBV2	61397	67586	2.18%	0.215%
30	7.822	973	975	979	rVB	86063	76077	2.45%	0.242%
31	7.886	979	986	989	rBV	295416	306270	9.87%	0.973%
32	7.928	989	993	996	rVV2	137080	129054	4.16%	0.410%
33	7.992	1001	1004	1007	rVB	144735	115871	3.73%	0.368%
34	8.098	1017	1022	1024	rBV	80797	84744	2.73%	0.269%

LSC Area Percent Report

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Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.151	1025	1031	1037	rVV	697136	847875	27.31%	2.694%
36	8.198	1037	1039	1042	rVV2	82777	81779	2.63%	0.260%
37	8.234	1042	1045	1048	rVB3	33462	41019	1.32%	0.130%
38	8.298	1054	1056	1059	rBV2	47519	42603	1.37%	0.135%
39	8.345	1060	1064	1067	rVB2	75804	79013	2.55%	0.251%
40	8.375	1067	1069	1071	rBV	39686	40969	1.32%	0.130%
41	8.398	1071	1073	1074	rVV	60805	60615	1.95%	0.193%
42	8.428	1076	1078	1084	rVV2	75360	78809	2.54%	0.250%
43	8.498	1087	1090	1092	rVV	162347	130643	4.21%	0.415%
44	8.534	1092	1096	1099	rVB	87052	86936	2.80%	0.276%
45	8.581	1099	1104	1106	rBV2	55270	67424	2.17%	0.214%
46	8.616	1106	1110	1113	rVV2	91872	129805	4.18%	0.412%
47	8.651	1113	1116	1120	rVV	189923	177857	5.73%	0.565%
48	8.710	1122	1126	1128	rBV3	56685	61044	1.97%	0.194%
49	8.739	1128	1131	1134	rVB2	129569	106007	3.42%	0.337%
50	8.810	1140	1143	1146	rBV2	140891	130760	4.21%	0.416%
51	8.863	1146	1152	1157	rVB2	202479	326013	10.50%	1.036%
52	8.963	1162	1169	1173	rBV3	325861	402318	12.96%	1.278%
53	8.992	1173	1174	1178	rVB2	47839	44129	1.42%	0.140%
54	9.092	1186	1191	1194	rBV4	47017	79603	2.56%	0.253%
55	9.169	1202	1204	1207	rBV4	33095	49384	1.59%	0.157%
56	9.233	1209	1215	1218	rVB	3171398	3104156	100.00%	9.864%
57	9.304	1223	1227	1229	rBV	86019	85025	2.74%	0.270%
58	9.328	1229	1231	1236	rVB2	69831	65095	2.10%	0.207%
59	9.375	1236	1239	1242	rBV	87689	100150	3.23%	0.318%
60	9.422	1245	1247	1251	rVV2	55799	56179	1.81%	0.179%
61	9.486	1255	1258	1262	rVV	184551	253521	8.17%	0.806%
62	9.528	1262	1265	1268	rVV3	42699	51796	1.67%	0.165%
63	9.563	1268	1271	1274	rVV	216041	259211	8.35%	0.824%
64	9.592	1274	1276	1278	rVV	210373	190560	6.14%	0.606%
65	9.616	1278	1280	1284	rVB2	86806	91682	2.95%	0.291%
66	9.681	1288	1291	1296	rVV	113424	129179	4.16%	0.411%
67	9.722	1296	1298	1300	rVB2	41212	32609	1.05%	0.104%
68	9.769	1303	1306	1309	rVB2	100989	100048	3.22%	0.318%
69	9.816	1312	1314	1319	rVB4	59822	87455	2.82%	0.278%
70	9.910	1324	1330	1334	rBV	753417	742706	23.93%	2.360%
71	10.010	1344	1347	1351	rBV3	52394	72440	2.33%	0.230%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.151	1368	1371	1374	rVB2	42120	43221	1.39%	0.137%
73	10.222	1381	1383	1385	rBV3	54753	60010	1.93%	0.191%
74	10.316	1396	1399	1401	rBV3	80992	83961	2.70%	0.267%
75	10.357	1404	1406	1409	rBV	89280	69964	2.25%	0.222%
76	10.451	1419	1422	1426	rBV3	221181	219932	7.09%	0.699%
77	10.622	1448	1451	1454	rVB	227014	192487	6.20%	0.612%
78	10.704	1460	1465	1468	rBV	1486701	1486543	47.89%	4.724%
79	10.769	1473	1476	1480	rBV	331650	288044	9.28%	0.915%
80	11.127	1535	1537	1541	rVB	96724	81935	2.64%	0.260%
81	11.398	1580	1583	1585	rBV	677521	554856	17.87%	1.763%
82	11.516	1599	1603	1607	rBV3	117173	198768	6.40%	0.632%
83	11.674	1628	1630	1634	rBV	247608	239125	7.70%	0.760%
84	11.845	1657	1659	1664	rBV2	117310	167473	5.40%	0.532%
85	11.969	1676	1680	1687	rBV2	1136389	1135372	36.58%	3.608%
86	12.092	1699	1701	1704	rBV	149581	182201	5.87%	0.579%
87	12.239	1724	1726	1729	rBV	199862	254801	8.21%	0.810%
88	12.480	1765	1767	1770	rBV	221989	229281	7.39%	0.729%
89	12.621	1789	1791	1795	rBV	236830	236671	7.62%	0.752%
90	12.986	1849	1853	1856	rBV	1619609	1833713	59.07%	5.827%
91	13.016	1856	1858	1862	rVB	1265274	1105678	35.62%	3.514%
92	13.945	2012	2016	2019	rBV	965593	965076	31.09%	3.067%
93	14.039	2029	2032	2035	rVB	445863	379309	12.22%	1.205%
94	14.786	2155	2159	2172	rVB	710074	883135	28.45%	2.806%
95	15.515	2279	2283	2292	rVB	416134	535235	17.24%	1.701%
96	15.804	2328	2332	2350	rVB	302689	555331	17.89%	1.765%
97	17.304	2581	2587	2594	rBV4	51940	118990	3.83%	0.378%

Sum of corrected areas: 31468125

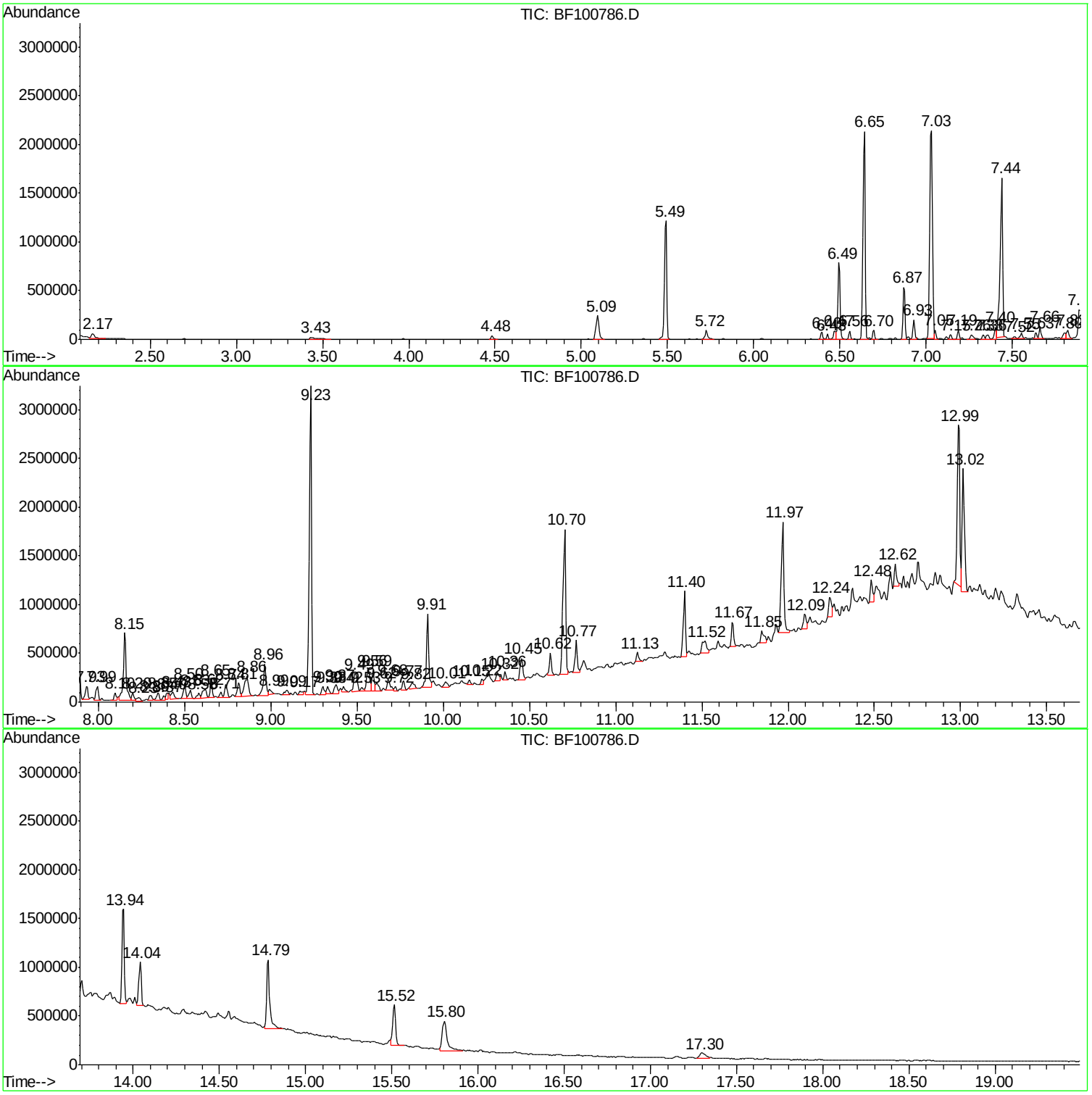
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

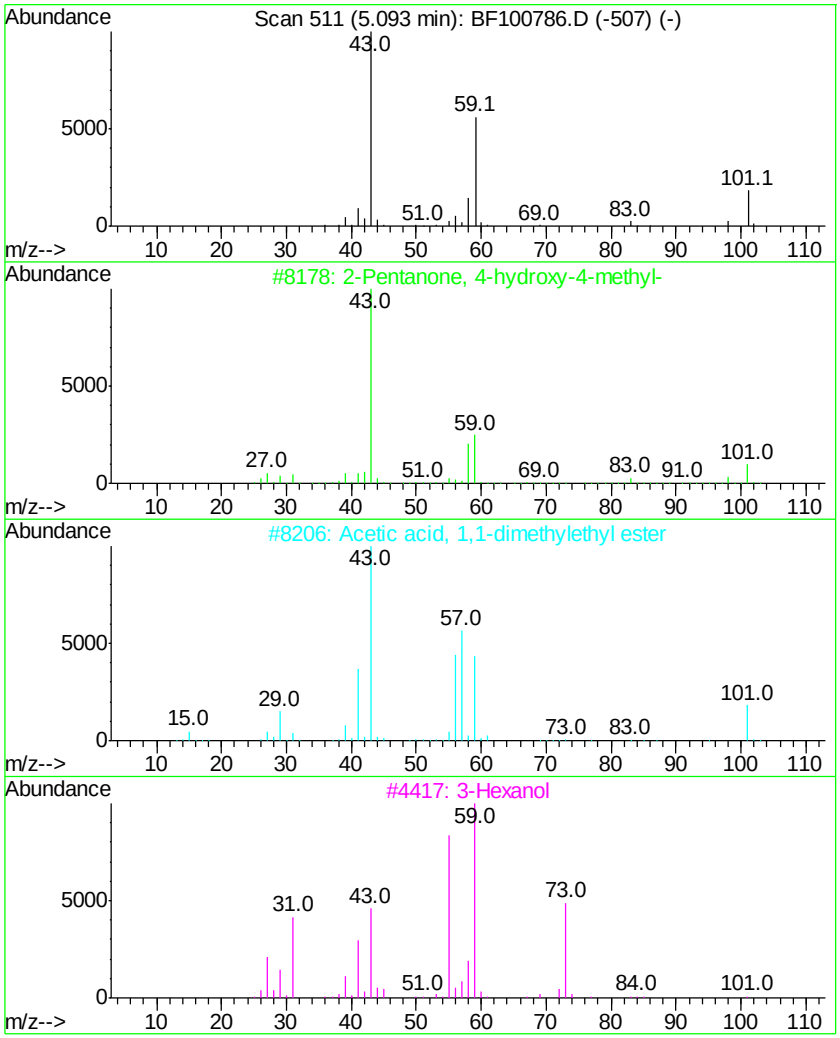
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

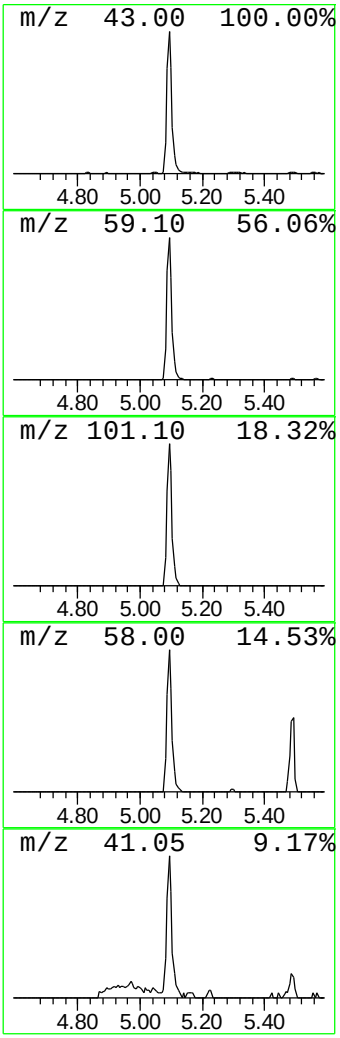
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	11.76 ng	280706	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

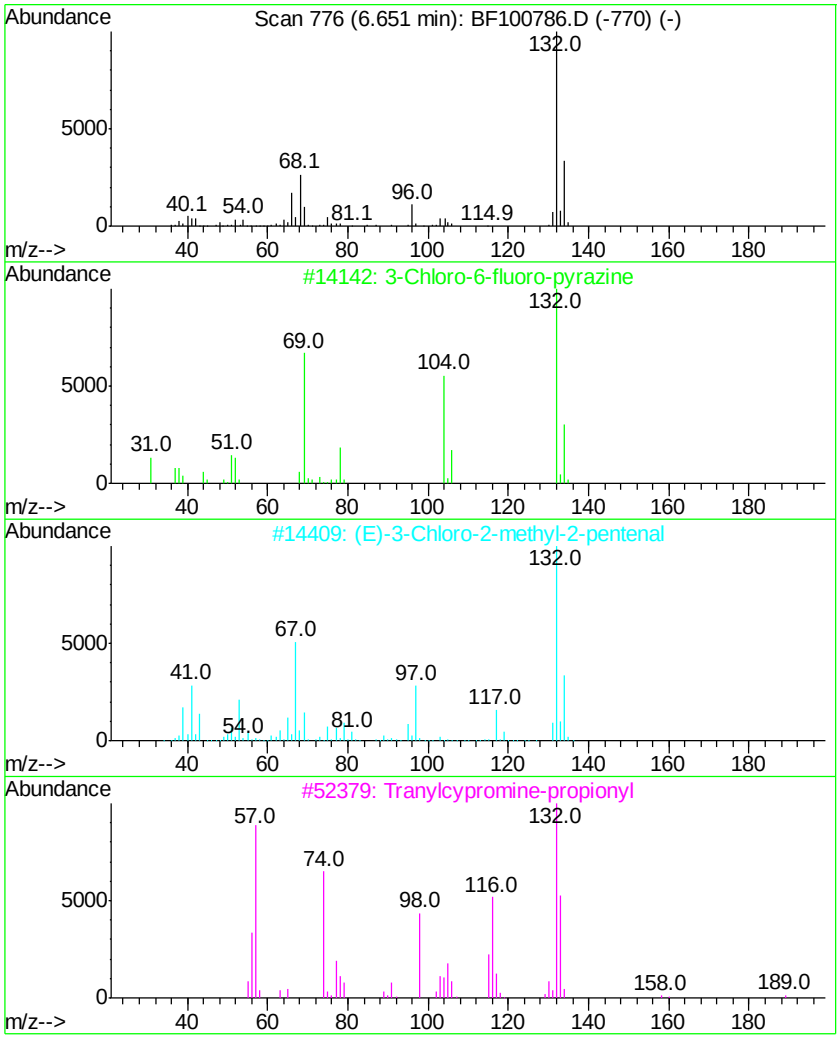
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

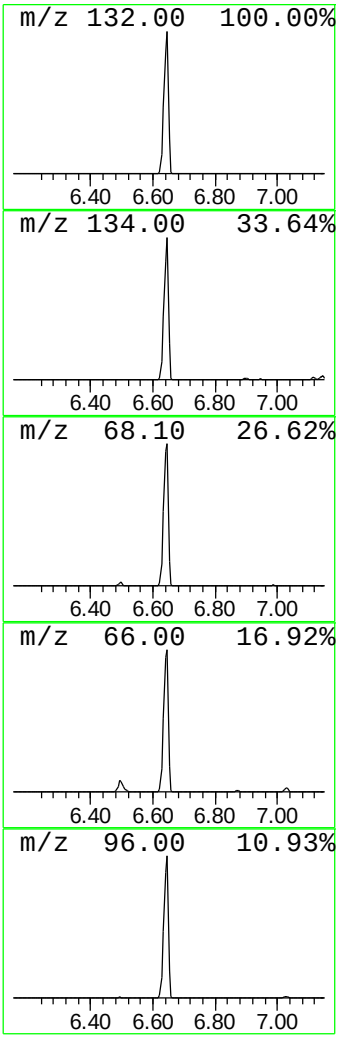
****

Peak Number 2 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	87.56 ng	2090310	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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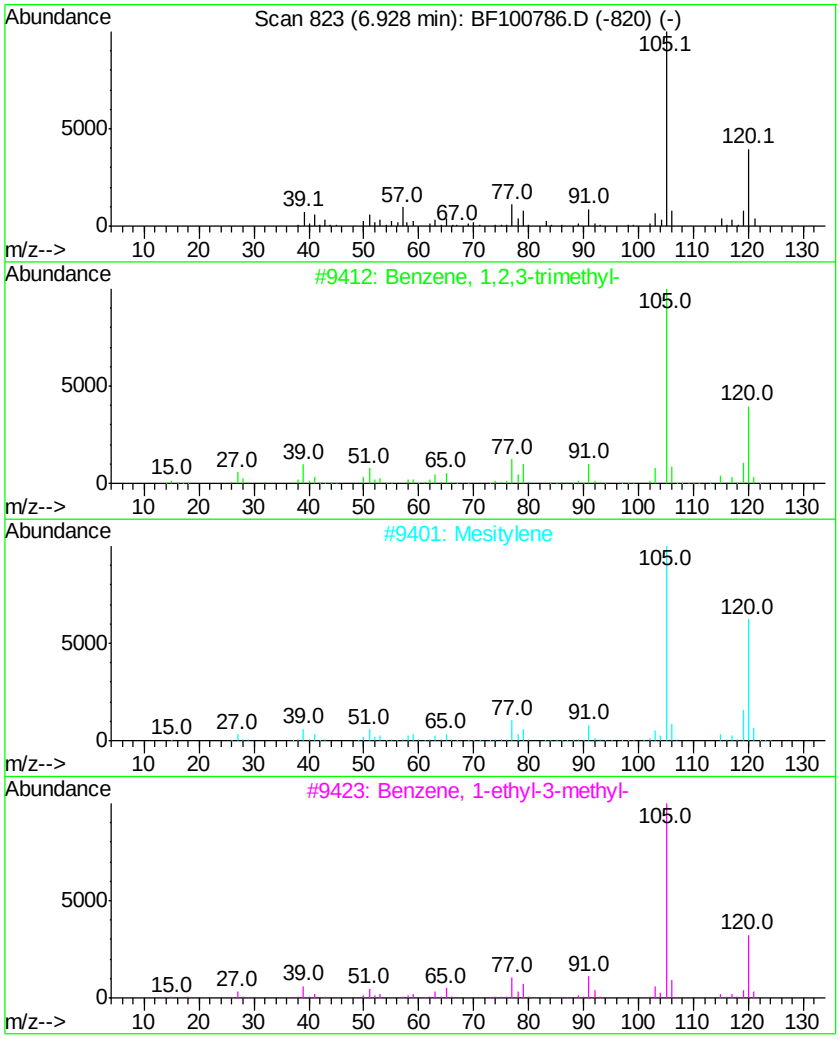
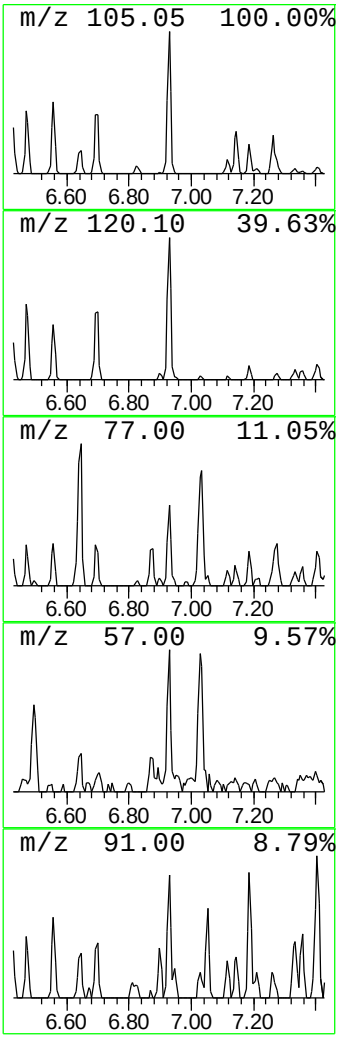
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	6.85 ng	163616	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

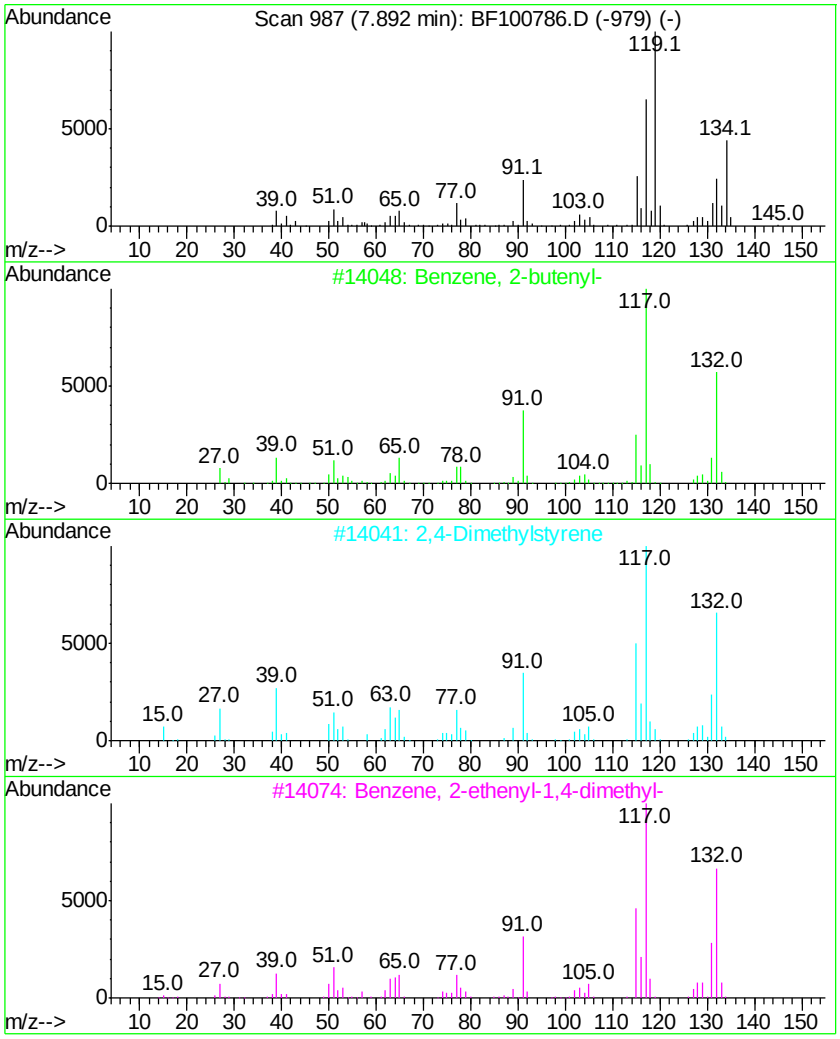
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

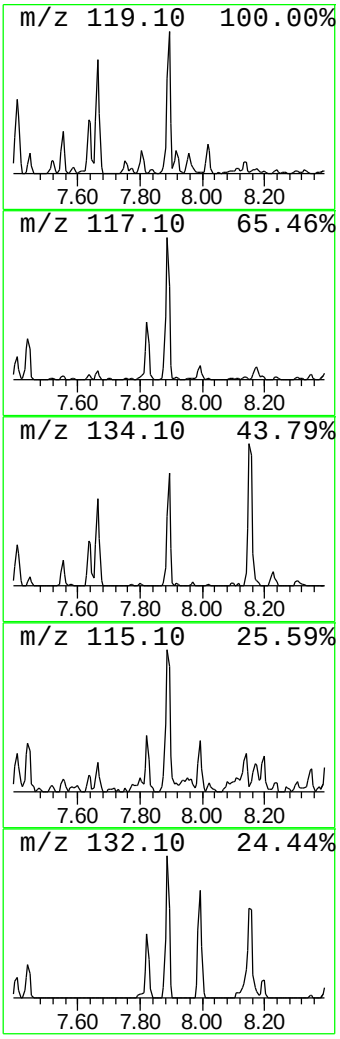
****

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	7.22 ng	306270	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





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Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

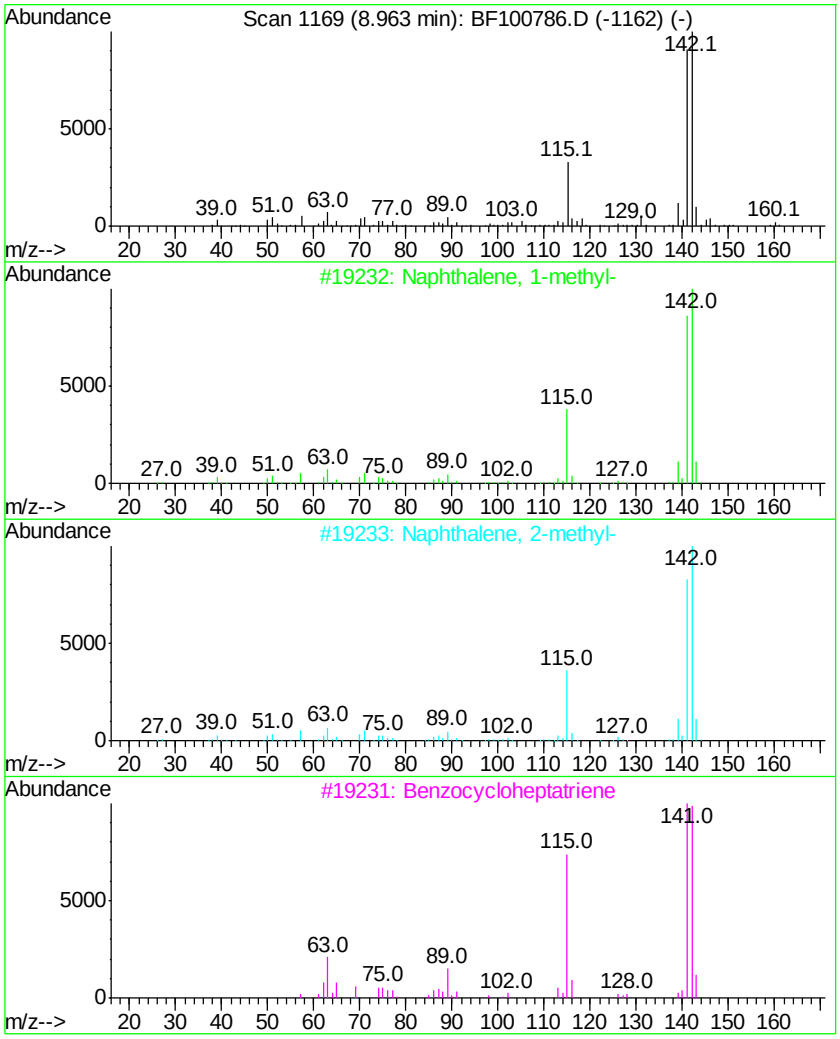
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

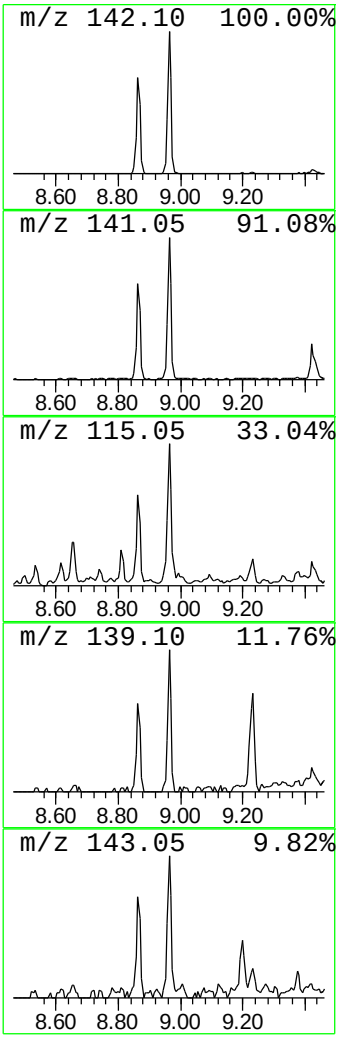
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	9.49 ng	402318	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
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Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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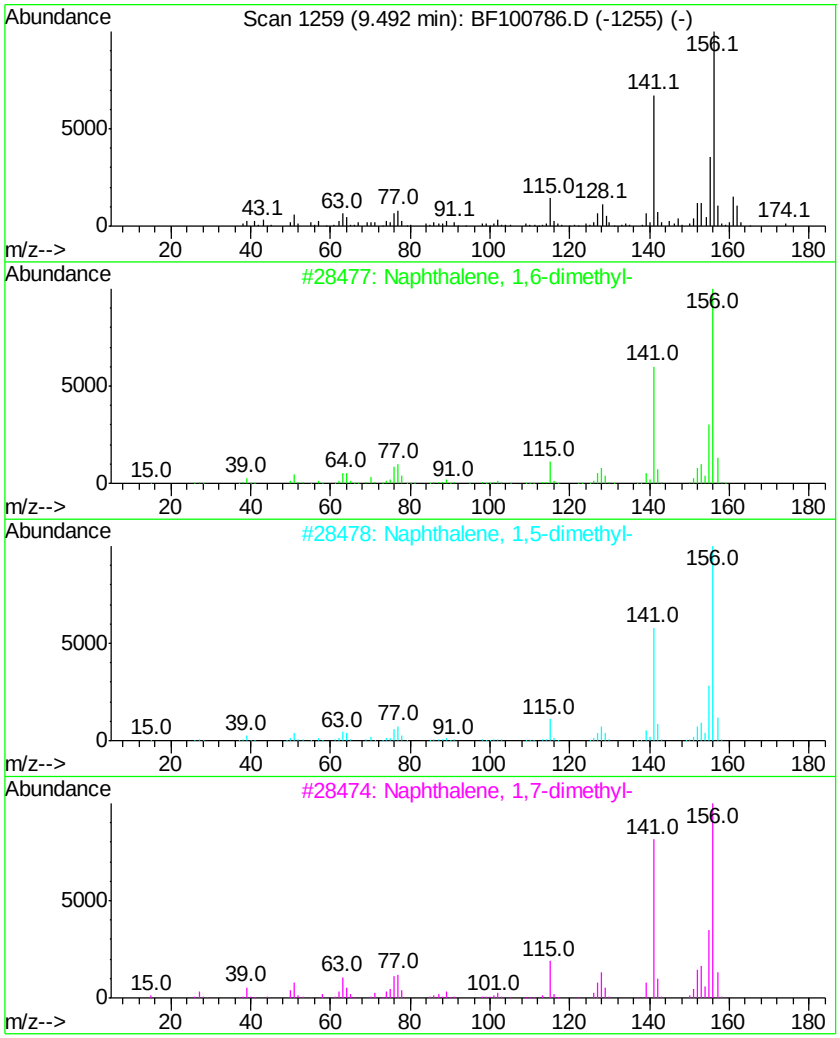
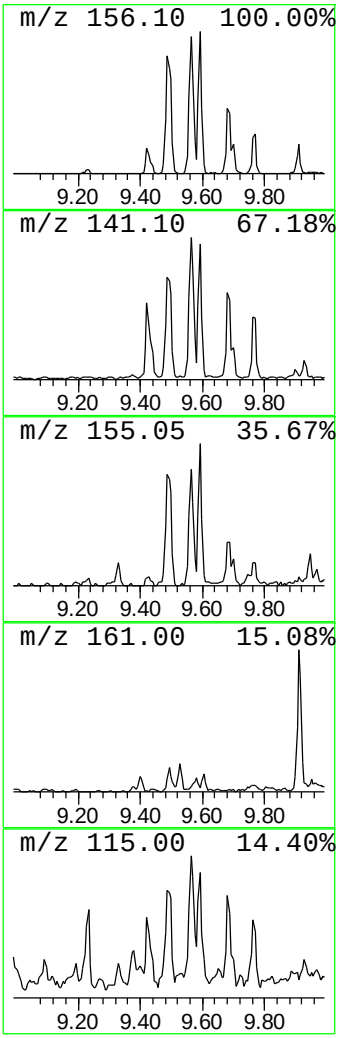
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.83 ng	253521	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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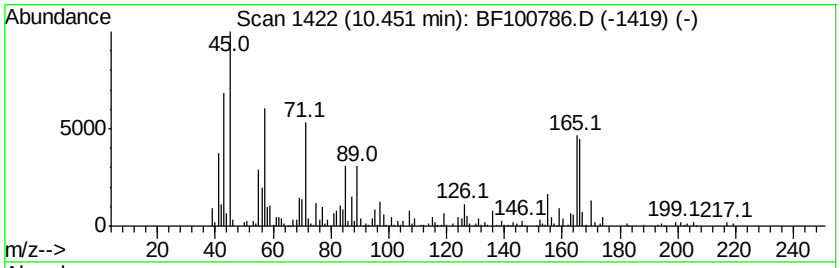
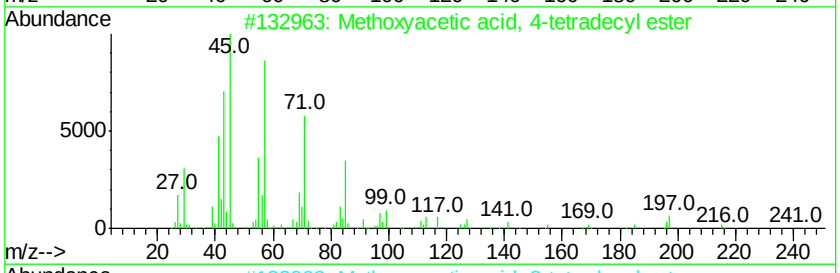
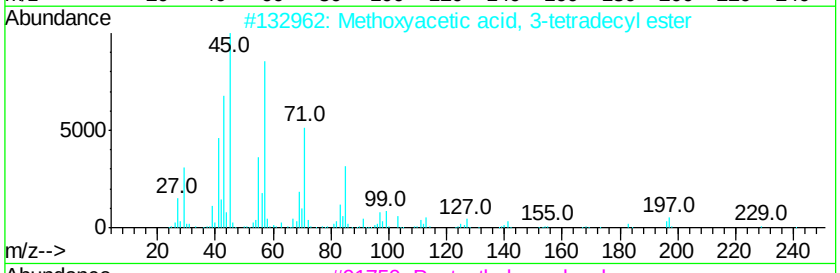
Peak Number 9 unknown10.45 Concentration Rank 20

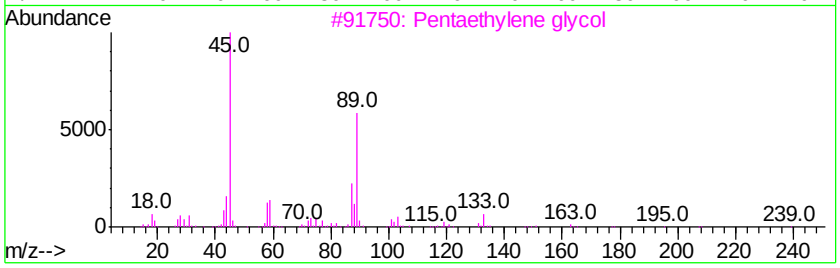
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	5.92 ng	219932	Acenaphthene-d10	9.91

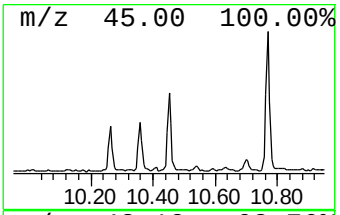
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	43
2	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	43
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	22
4	2-Heptanol, 6-methyl-	130	C8H18O	004730-22-7	18
5	Undecane	156	C11H24	001120-21-4	15

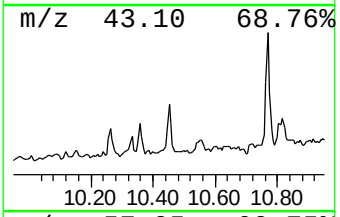


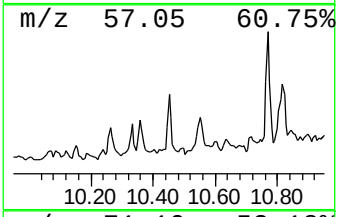


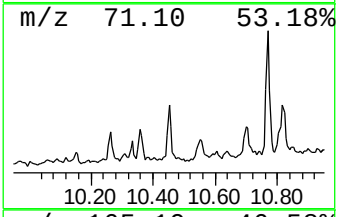


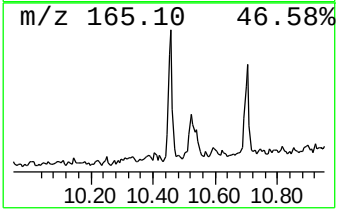












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Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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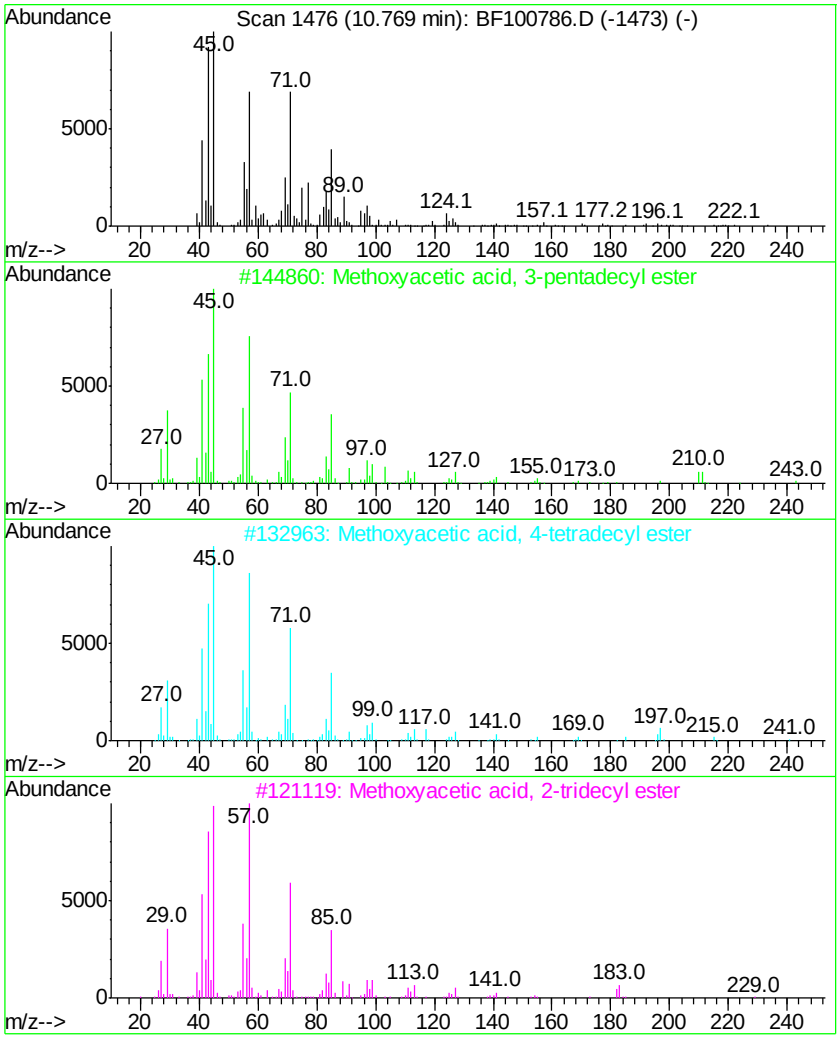
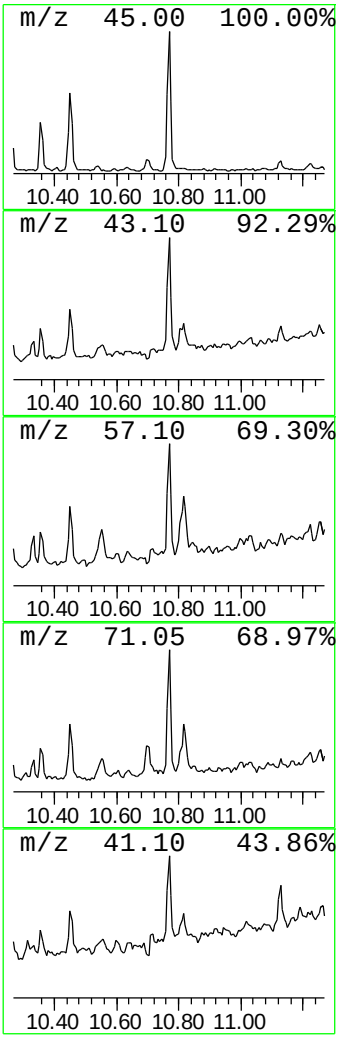
Peak Number 10 Methoxyacetic acid, 3-penta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	10.38 ng	288044	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-pentadecyl...	300	C18H36O3	1000282-05-2	58
2	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	58
3	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	52
4	Diethylene glycol hexyl ether	190	C10H22O3	000112-59-4	43
5	10-Methylnonadecane	282	C20H42	056862-62-5	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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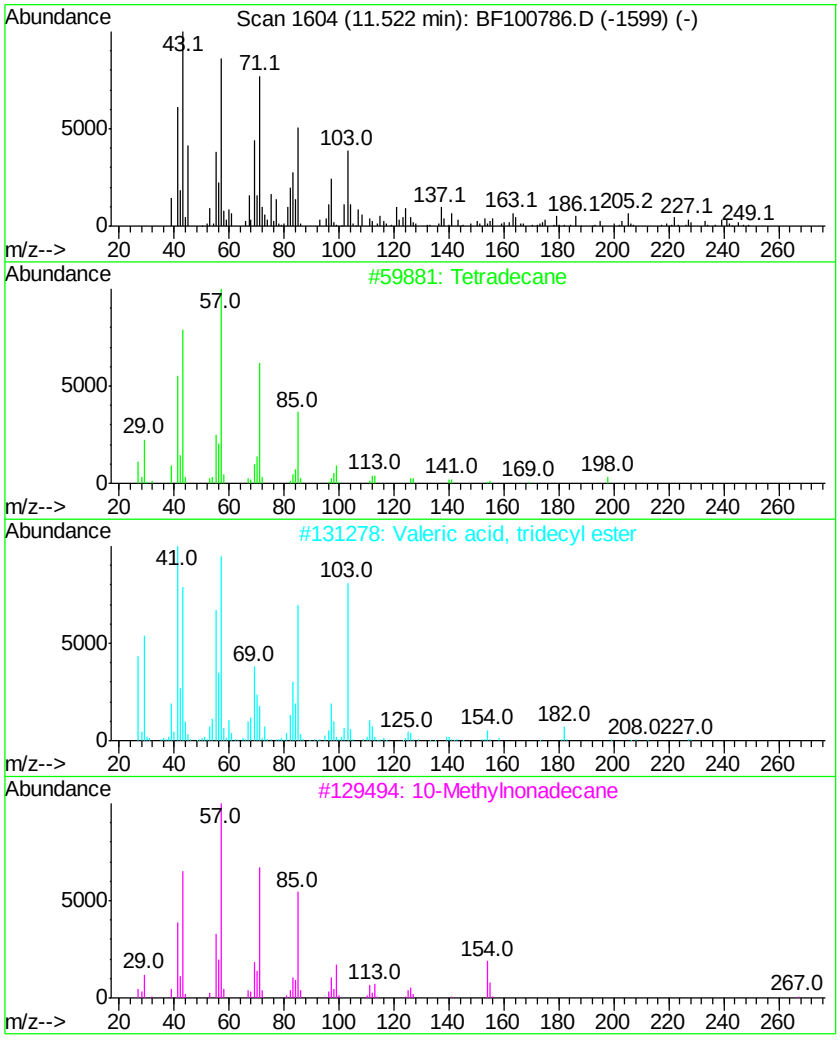
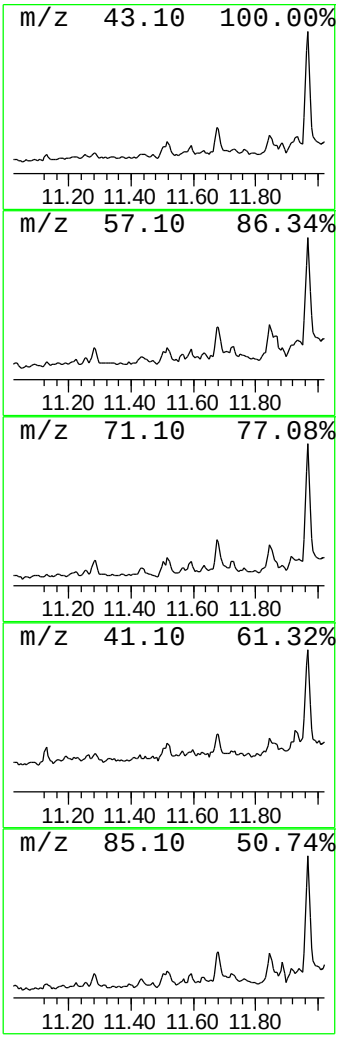
Peak Number 11 unknown11.52 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	7.16 ng	198768	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	46
2	Valeric acid, tridecyl ester	284	C18H36O2	117177-34-1	43
3	10-Methylnonadecane	282	C20H42	056862-62-5	43
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	43
5	Hexadecane	226	C16H34	000544-76-3	42





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

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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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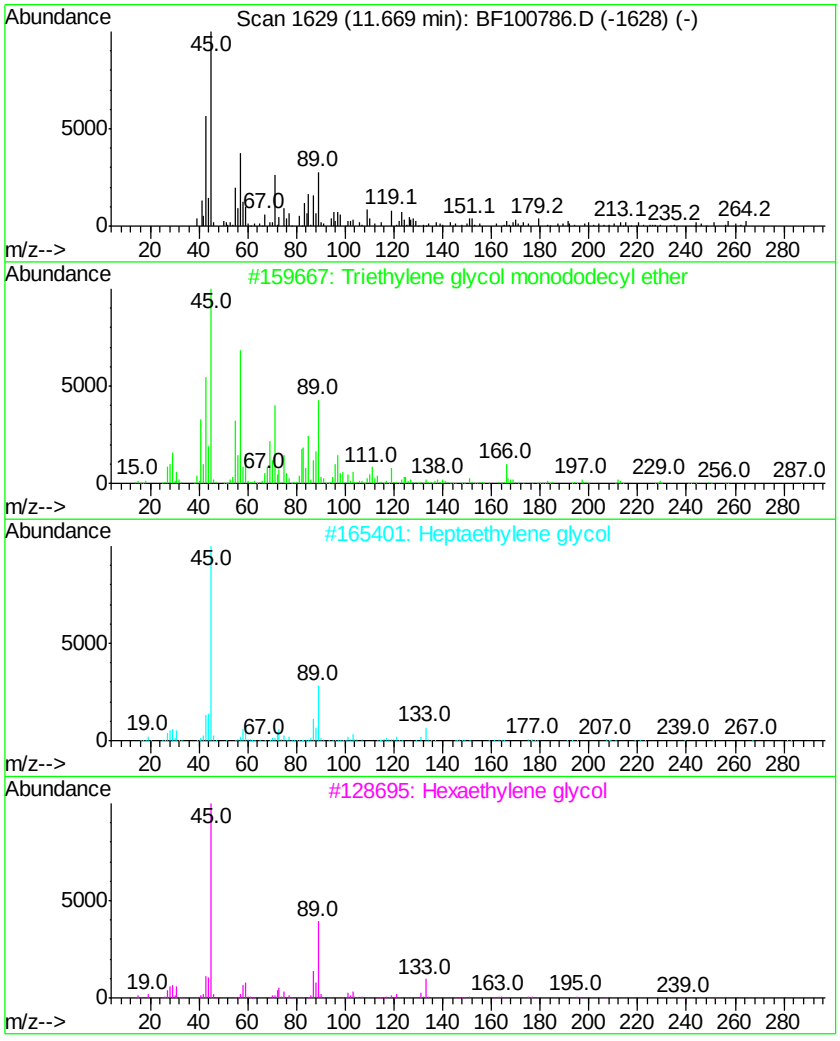
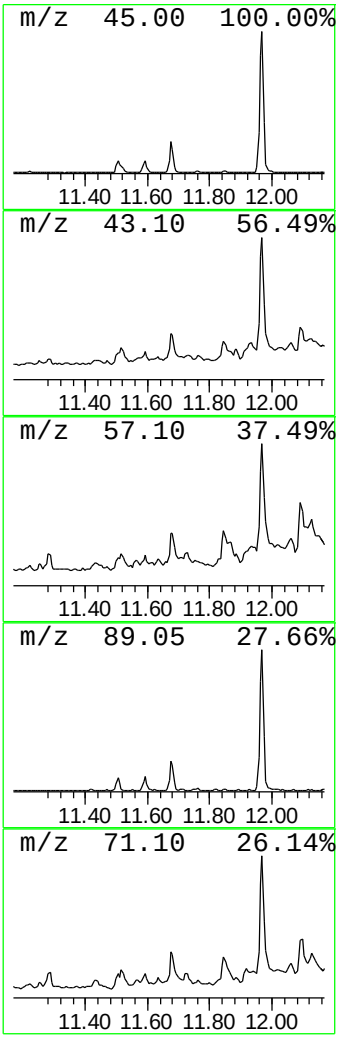
Peak Number 12 Triethylene glycol monodode... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	8.62 ng	239125	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	59
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	49
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	47
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	30





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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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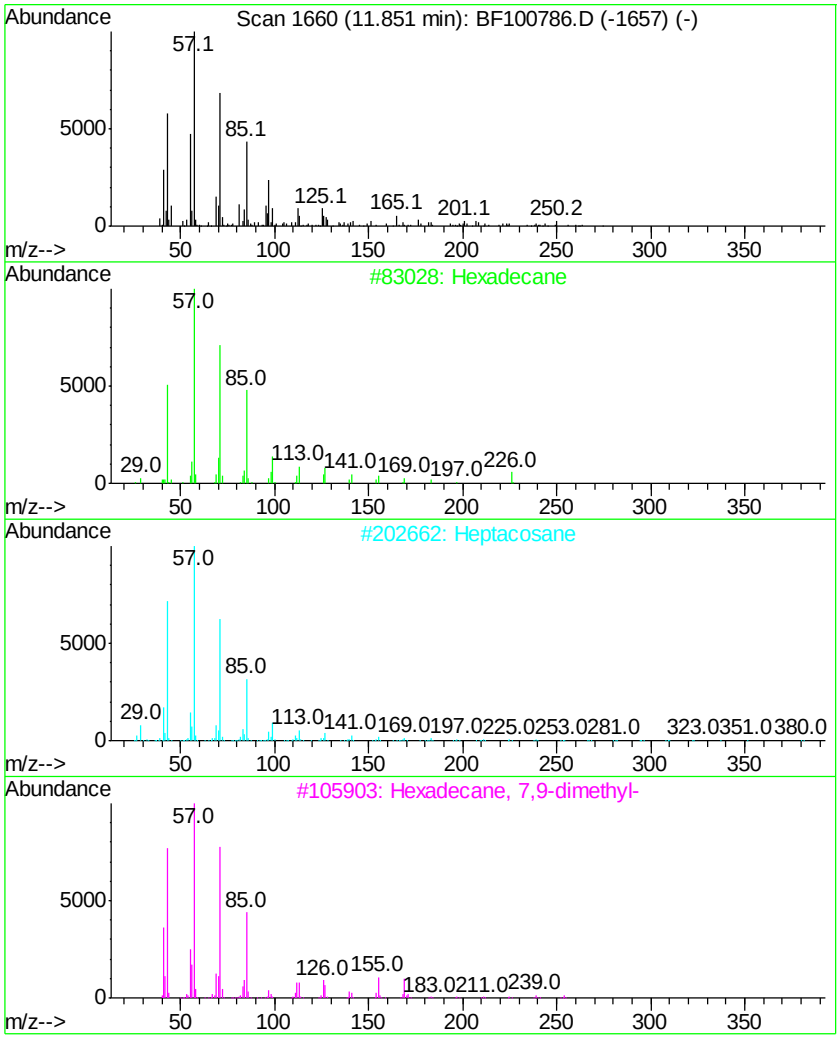
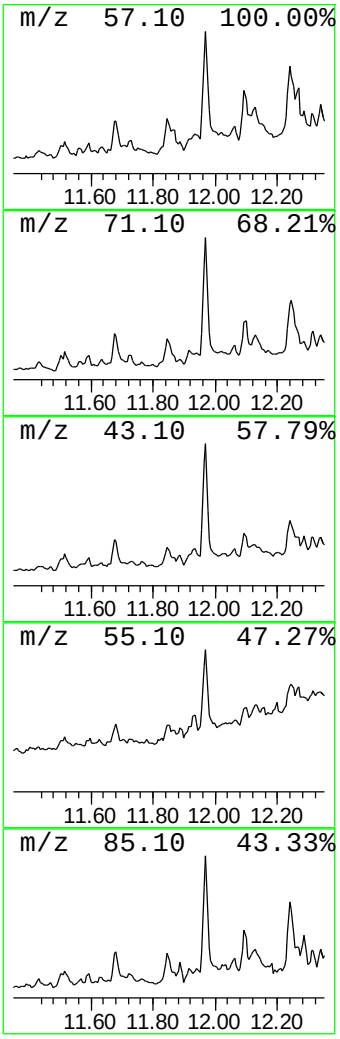
Peak Number 13 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.04 ng	167473	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Heptacosane	380	C27H56	000593-49-7	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	70
4	Tetradecane	198	C14H30	000629-59-4	68
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68





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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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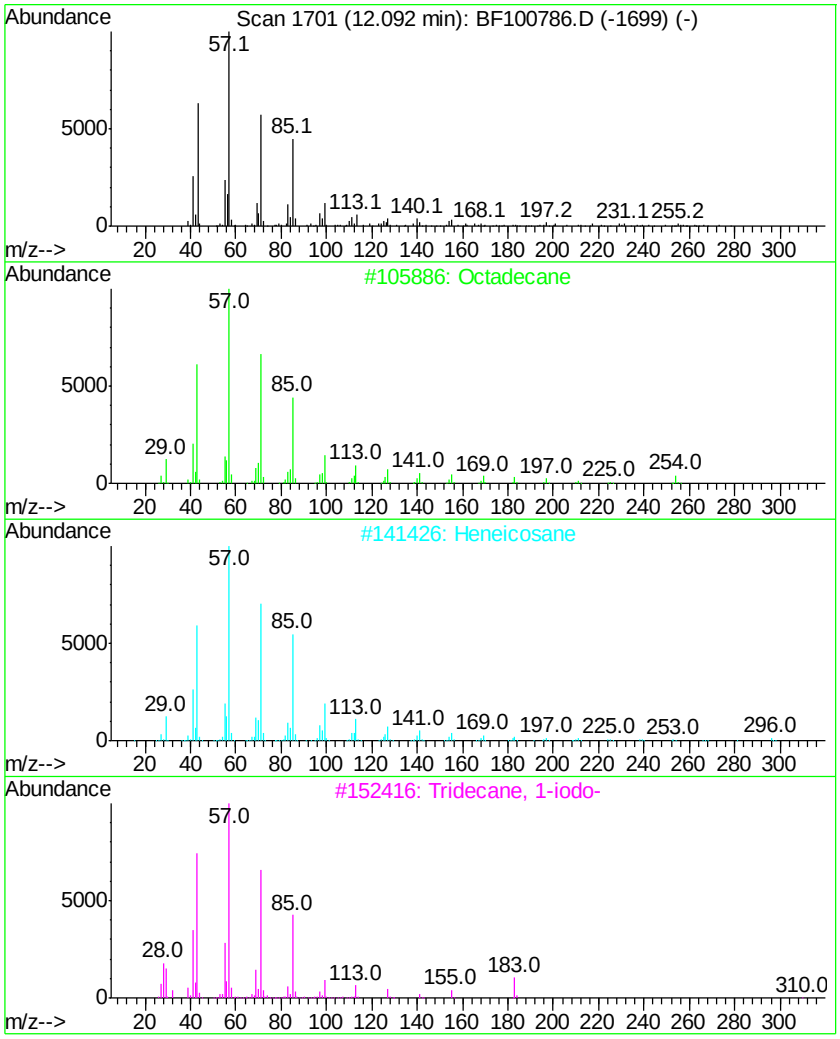
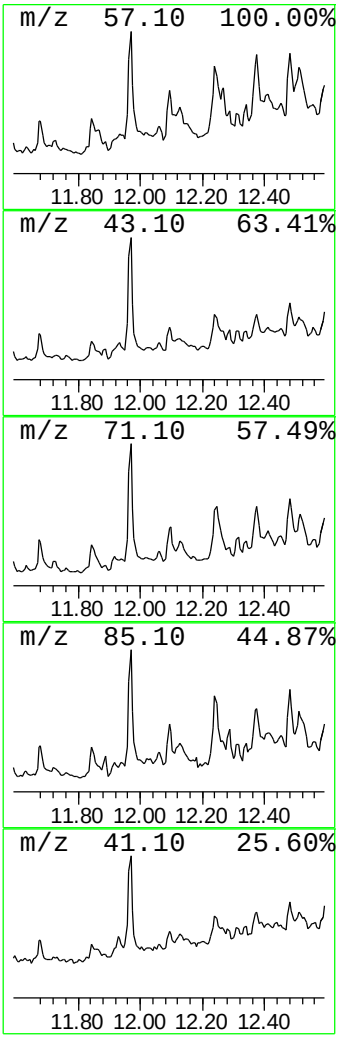
Peak Number 14 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.57 ng	182201	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5	Heptacosane	380	C27H56	000593-49-7	72





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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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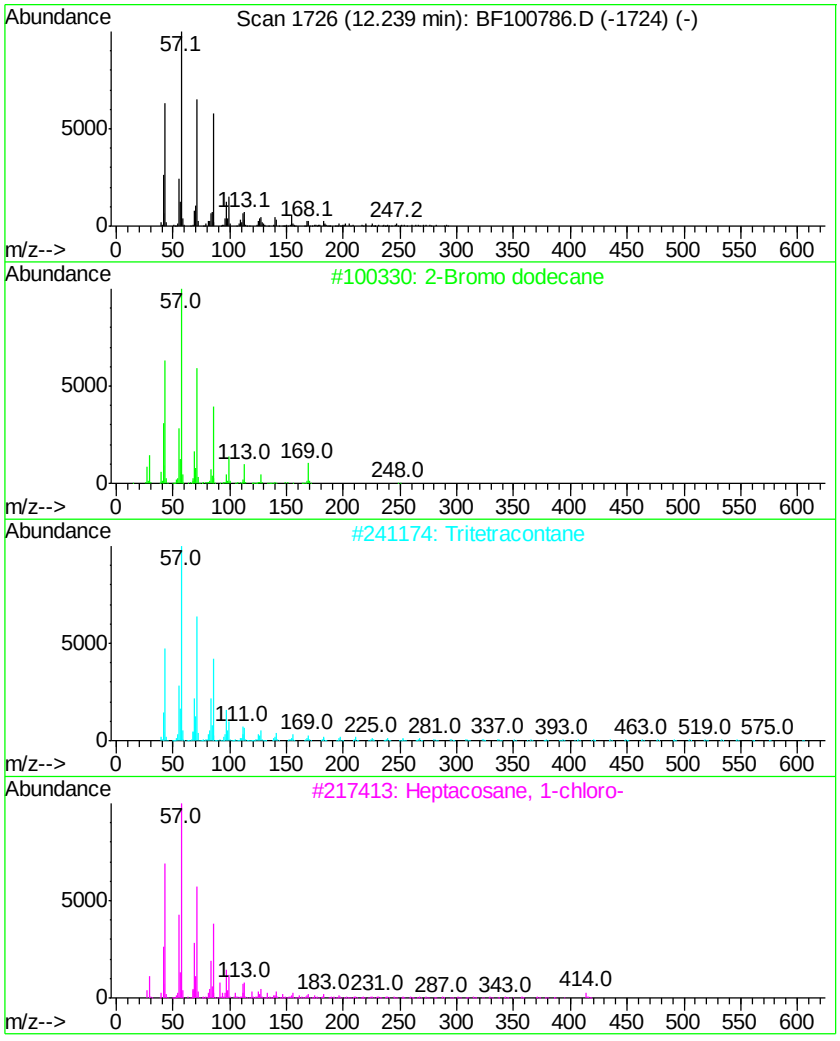
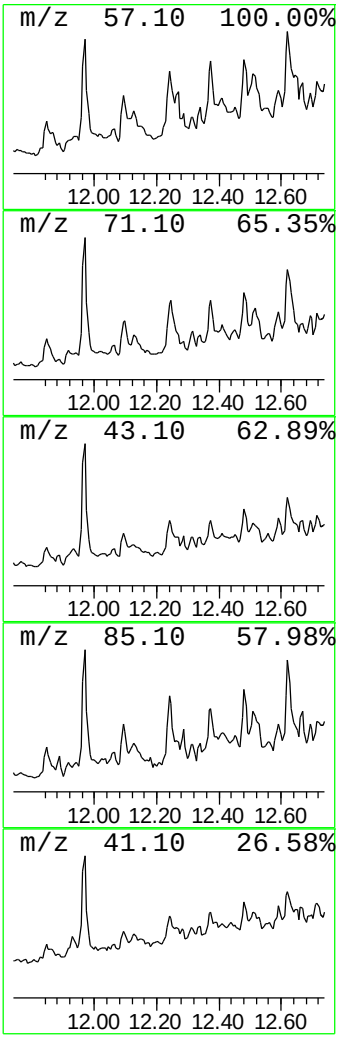
Peak Number 15 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	9.18 ng	254801	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Tritetracontane	605	C43H88	007098-21-7	68
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetratetracontane	619	C44H90	007098-22-8	64





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Instrument : BNA_F
ClientSampleId : SV22482L

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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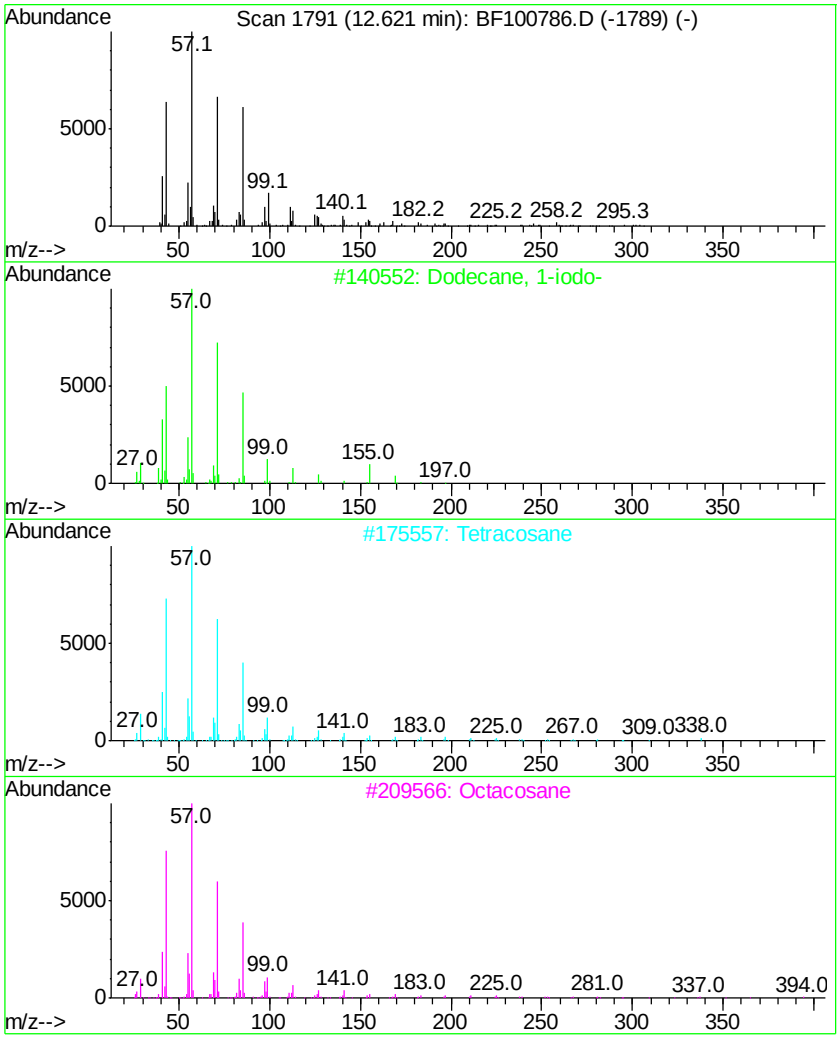
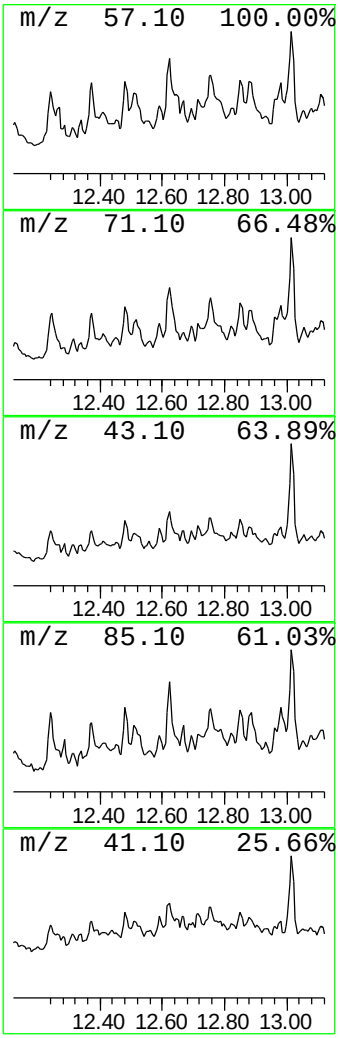
Peak Number 17 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	8.53 ng	236671	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Tetracosane	338	C24H50	000646-31-1	58
3	Octacosane	394	C28H58	000630-02-4	53
4	Heptacosane	380	C27H56	000593-49-7	52
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	52





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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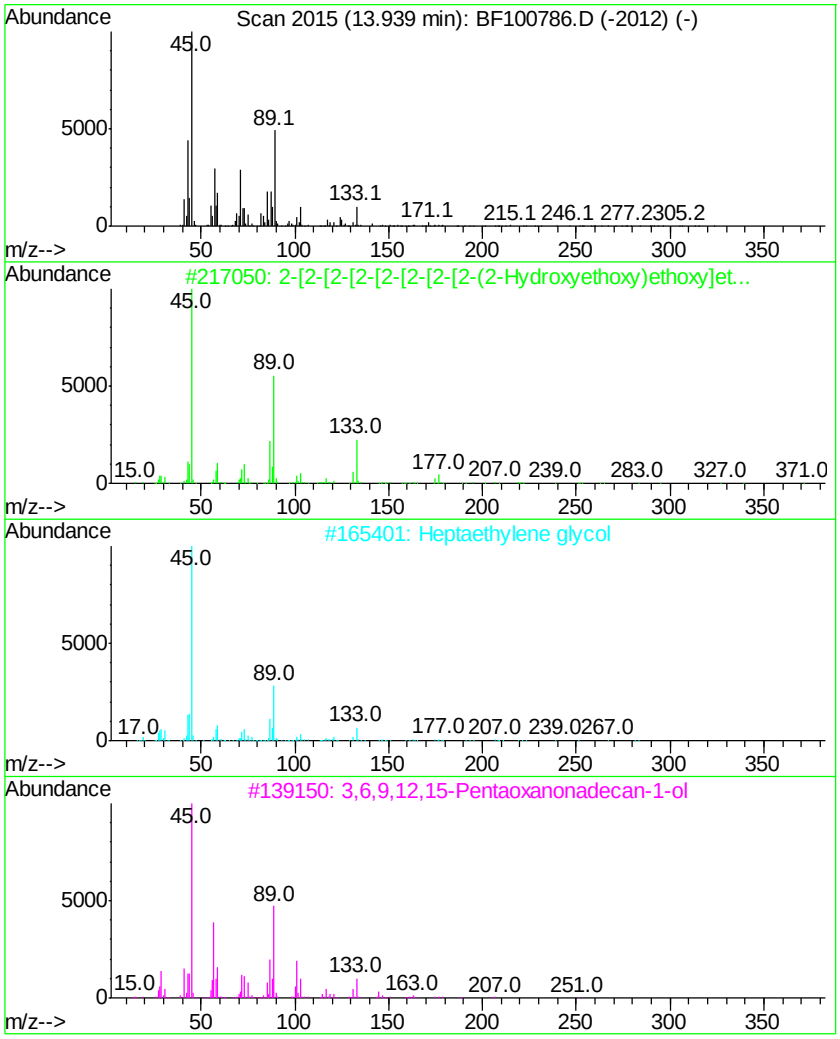
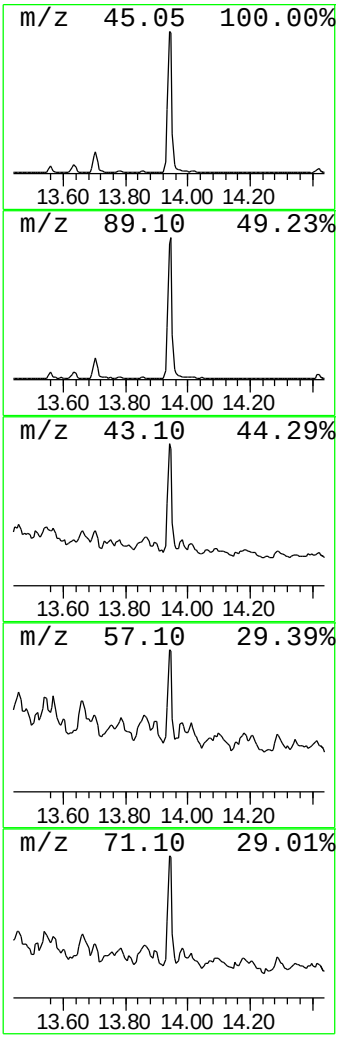
Peak Number 18 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	50.89 ng	965076	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	80
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	80
5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	80





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TIC Integration Parameters: LSCINT.P

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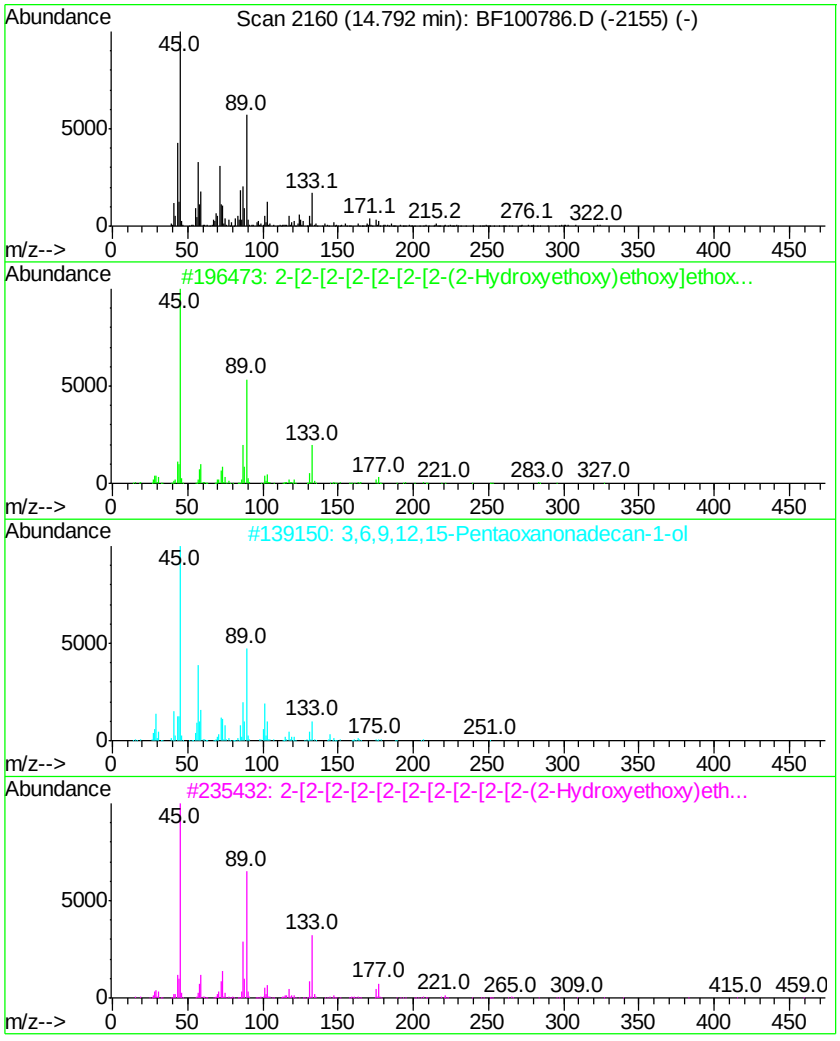
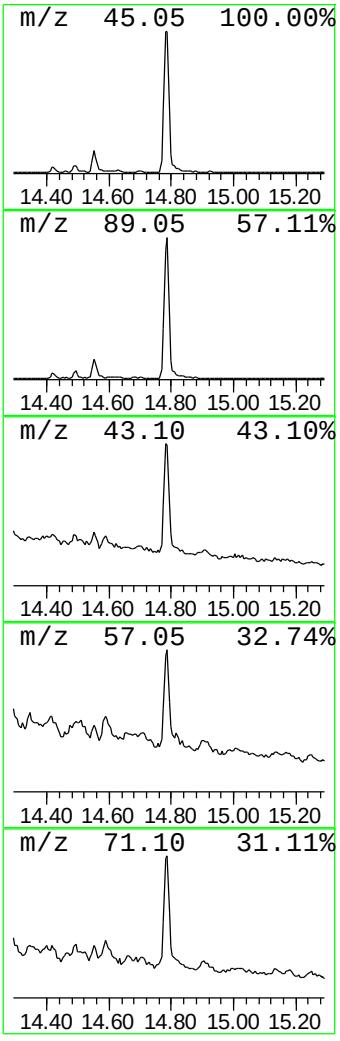
Peak Number 19 2-[2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	33.00 ng	883135	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	87
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	83
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112117\
Data File : BF100786.D
Acq On : 21 Nov 2017 17:52
Operator : SJ/JU
Sample : I6537-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV22482L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.09	11.8	ng	280706	1	6.87	477431	20.0
unknown6.65	6.65	87.6	ng	2090310	1	6.87	477431	20.0
Benzene, 1,2,3-tr...	6.93	6.8	ng	163616	1	6.87	477431	20.0
Benzene, 2-butenyl-	7.89	7.2	ng	306270	2	8.15	847875	20.0
Naphthalene, 1-me...	8.96	9.5	ng	402318	2	8.15	847875	20.0
Naphthalene, 1,6-...	9.49	6.8	ng	253521	3	9.91	742706	20.0
unknown10.45	10.45	5.9	ng	219932	3	9.91	742706	20.0
Methoxyacetic aci...	10.77	10.4	ng	288044	4	11.40	554856	20.0
unknown11.52	11.52	7.2	ng	198768	4	11.40	554856	20.0
Triethylene glyco...	11.67	8.6	ng	239125	4	11.40	554856	20.0
Hexadecane	11.85	6.0	ng	167473	4	11.40	554856	20.0
Octadecane	12.09	6.6	ng	182201	4	11.40	554856	20.0
2-Bromo dodecane	12.24	9.2	ng	254801	4	11.40	554856	20.0
Dodecane, 1-iodo-	12.62	8.5	ng	236671	4	11.40	554856	20.0
2-[2-[2-[2-[2-[2-...	13.94	50.9	ng	965076	5	14.04	379309	20.0
2-[2-[2-[2-[2-[2-...	14.79	33.0	ng	883135	6	15.52	535235	20.0