LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110865.D
Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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	2.222	19	23	30	rVB	81762	118646	7.18%	0.433%
2	5.075	501	508	511	rBV	65174	84062	5.09%	0.307%
3	5.169	518	524	530	rBV	347460	495195	29.98%	1.806%
4	5.345	550	554	559	rBV2	61288	99128	6.00%	0.362%
5	5.563	588	591	600	rVV	1098732	1105968	66.96%	4.034%
6	5.704	612	615	621	rVV3	46678	72184	4.37%	0.263%
7	5.792	626	630	637	rVB4	79739	101715	6.16%	0.371%
8	5.957	652	658	661	rBV3	64034	94168	5.70%	0.343%
9	6.169	690	694	696	rBV	166027	179560	10.87%	0.655%
10	6.228	701	704	707	rVV	95605	91804	5.56%	0.335%
11	6.363	723	727	731	rBV4	76776	123960	7.51%	0.452%
12	6.416	731	736	740	rVB4	78811	115055	6.97%	0.420%
13	6.463	740	744	748	rBV3	130325	194307	11.76%	0.709%
14	6.569	759	762	767	rVV	1358562	1579108	95.61%	5.759%
15	6.669	775	779	783	rBV4	70432	120551	7.30%	0.440%
16	6.710	783	786	791	rVB	1608212	1482240	89.75%	5.406%
17	6.763	791	795	798	rBV3	92952	119541	7.24%	0.436%
18	6.939	821	825	829	rVV2	539908	516370	31.26%	1.883%
19	7.075	845	848	849	rBV2	84241	95252	5.77%	0.347%
20	7.098	849	852	859	rVB	1387523	1220854	73.92%	4.453%
21	7.198	863	869	872	rBV4	161178	204769	12.40%	0.747%
22	7.251	875	878	884	rVB2	117920	150874	9.14%	0.550%
23	7.351	893	895	900	rVB3	61342	82037	4.97%	0.299%
24	7.416	904	906	910	rBV2	98811	140885	8.53%	0.514%
25	7.463	912	914	918	rVB	139830	131333	7.95%	0.479%
26	7.510	918	922	928	rVB	1046888	1036700	62.77%	3.781%
27	7.575	931	933	936	rVB2	116500	101443	6.14%	0.370%
28	7.622	936	941	944	rBV3	87263	133171	8.06%	0.486%
29	7.698	952	954	957	rBV	104378	101113	6.12%	0.369%
30	7.739	957	961	966	rVB3	109169	188282	11.40%	0.687%
31	7.828	968	976	978	rBV5	119635	205864	12.46%	0.751%
32	7.863	978	982	985	rBV2	82207	114972	6.96%	0.419%
33	7.951	995	997	1000	rBV2	81503	79476	4.81%	0.290%
34	8.028	1006	1010	1013	rVB2	93249	114493	6.93%	0.418%

LSC Area Percent Report

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Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.081	1016	1019	1022	rVB2	129331	117863	7.14%	0.430%
36	8.222	1041	1043	1048	rVV	590769	614309	37.19%	2.240%
37	8.263	1048	1050	1053	rVB	384042	300280	18.18%	1.095%
38	8.298	1053	1056	1061	rBV4	124011	152931	9.26%	0.558%
39	8.498	1087	1090	1095	rVB4	221639	296118	17.93%	1.080%
40	8.545	1095	1098	1099	rBV3	78051	79687	4.82%	0.291%
41	8.622	1109	1111	1114	rBV	286715	203872	12.34%	0.744%
42	8.651	1114	1116	1119	rBV2	90650	83474	5.05%	0.304%
43	8.722	1125	1128	1130	rBV3	98887	84374	5.11%	0.308%
44	8.751	1130	1133	1135	rVV2	74024	74500	4.51%	0.272%
45	8.892	1154	1157	1163	rVB3	118129	168061	10.18%	0.613%
46	8.939	1163	1165	1167	rBV	82733	73112	4.43%	0.267%
47	8.992	1171	1174	1176	rBV3	68568	82399	4.99%	0.301%
48	9.039	1180	1182	1184	rBV2	87809	75945	4.60%	0.277%
49	9.122	1193	1196	1199	rVB3	104645	129450	7.84%	0.472%
50	9.163	1199	1203	1206	rBV5	80672	104301	6.32%	0.380%
51	9.204	1207	1210	1211	rBV2	82283	79252	4.80%	0.289%
52	9.228	1211	1214	1216	rVB	280369	226321	13.70%	0.825%
53	9.298	1222	1226	1229	rBV	1998780	1651596	100.00%	6.024%
54	9.369	1234	1238	1242	rBV2	194693	242051	14.66%	0.883%
55	9.404	1242	1244	1246	rVV2	67429	72132	4.37%	0.263%
56	9.569	1268	1272	1276	rVB3	111823	141365	8.56%	0.516%
57	9.639	1281	1284	1287	rVV	202131	190550	11.54%	0.695%
58	9.680	1287	1291	1295	rVV3	779226	779928	47.22%	2.845%
59	9.775	1303	1307	1308	rBV3	78162	111044	6.72%	0.405%
60	9.839	1315	1318	1320	rBV3	201787	160733	9.73%	0.586%
61	9.886	1323	1326	1328	rVB2	220487	186241	11.28%	0.679%
62	9.927	1331	1333	1336	rBV3	95813	108231	6.55%	0.395%
63	9.957	1336	1338	1340	rBV3	134110	116660	7.06%	0.425%
64	9.986	1340	1343	1347	rVV	567476	498297	30.17%	1.817%
65	10.086	1355	1360	1363	rBV3	136810	239973	14.53%	0.875%
66	10.127	1364	1367	1369	rVV4	98942	128572	7.78%	0.469%
67	10.151	1369	1371	1373	rVV	133693	108618	6.58%	0.396%
68	10.180	1373	1376	1379	rVV2	195958	214013	12.96%	0.781%
69	10.227	1380	1384	1387	rVB4	225280	277528	16.80%	1.012%
70	10.298	1393	1396	1399	rBV	205692	237918	14.41%	0.868%
71	10.327	1399	1401	1405	rVB2	205136	215465	13.05%	0.786%

LSC Area Percent Report

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Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.386	1407	1411	1413	rBV3	246294	279968	16.95%	1.021%
73	10.422	1413	1417	1419	rVV3	62327	85308	5.17%	0.311%
74	10.551	1436	1439	1443	rVB4	142339	143445	8.69%	0.523%
75	10.610	1446	1449	1452	rVV	505336	520118	31.49%	1.897%
76	10.639	1452	1454	1456	rVB2	101229	77899	4.72%	0.284%
77	10.733	1468	1470	1474	rVB3	104717	108833	6.59%	0.397%
78	10.780	1474	1478	1481	rBV	664104	685024	41.48%	2.498%
79	10.880	1491	1495	1503	rBV	860717	1023987	62.00%	3.735%
80	10.969	1507	1510	1515	rBV4	92194	166396	10.07%	0.607%
81	11.116	1533	1535	1538	rBV4	119420	136273	8.25%	0.497%
82	11.198	1546	1549	1550	rBV2	112241	106856	6.47%	0.390%
83	11.345	1571	1574	1577	rBV	612665	508208	30.77%	1.854%
84	11.480	1594	1597	1600	rBV	485533	429198	25.99%	1.565%
85	11.810	1651	1653	1656	rVB	129998	115786	7.01%	0.422%
86	11.898	1665	1668	1672	rBV2	92964	151649	9.18%	0.553%
87	11.986	1680	1683	1686	rBV2	149408	200707	12.15%	0.732%
88	12.092	1699	1701	1704	rVV3	109346	116122	7.03%	0.424%
89	12.121	1704	1706	1709	rVB	129122	110137	6.67%	0.402%
90	12.216	1720	1722	1725	rVB2	111426	100437	6.08%	0.366%
91	12.274	1730	1732	1734	rBV	84496	84973	5.14%	0.310%
92	12.463	1761	1764	1766	rBV	118924	98351	5.95%	0.359%
93	12.533	1774	1776	1779	rBV	224991	211665	12.82%	0.772%
94	12.704	1802	1805	1807	rBV2	84975	98494	5.96%	0.359%
95	12.939	1843	1845	1849	rVB2	190520	189060	11.45%	0.690%
96	12.980	1850	1852	1856	rVB	137191	140251	8.49%	0.512%
97	13.063	1863	1866	1870	rBV	1327863	1194952	72.35%	4.358%
98	13.939	2012	2015	2021	rVB2	164001	215920	13.07%	0.787%
99	14.139	2045	2049	2052	rBV	412407	431347	26.12%	1.573%
100	15.668	2306	2309	2315	rVB2	201350	264816	16.03%	0.966%

Sum of corrected areas: 27418424

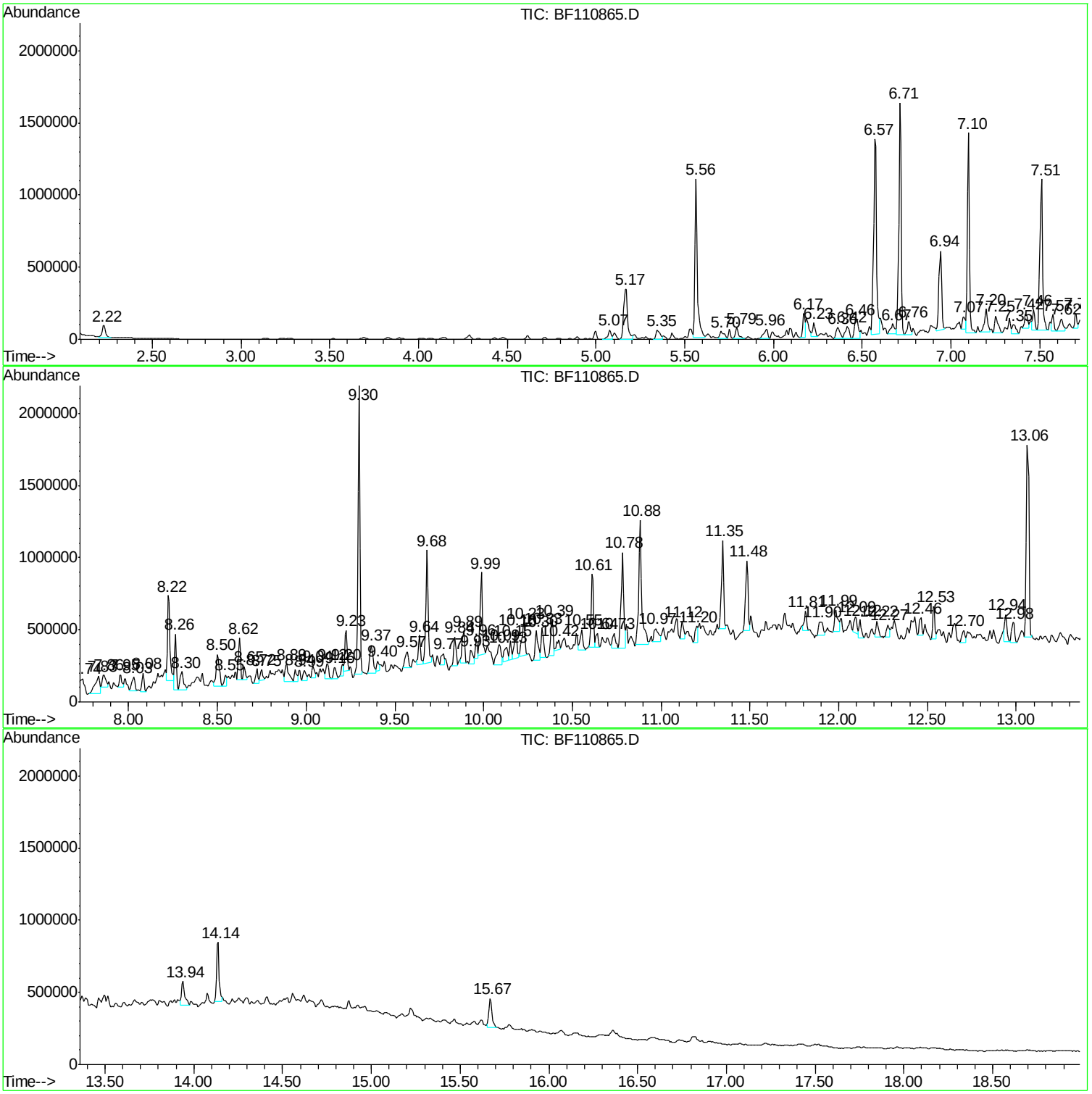
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110865.D
Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110865.D
Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

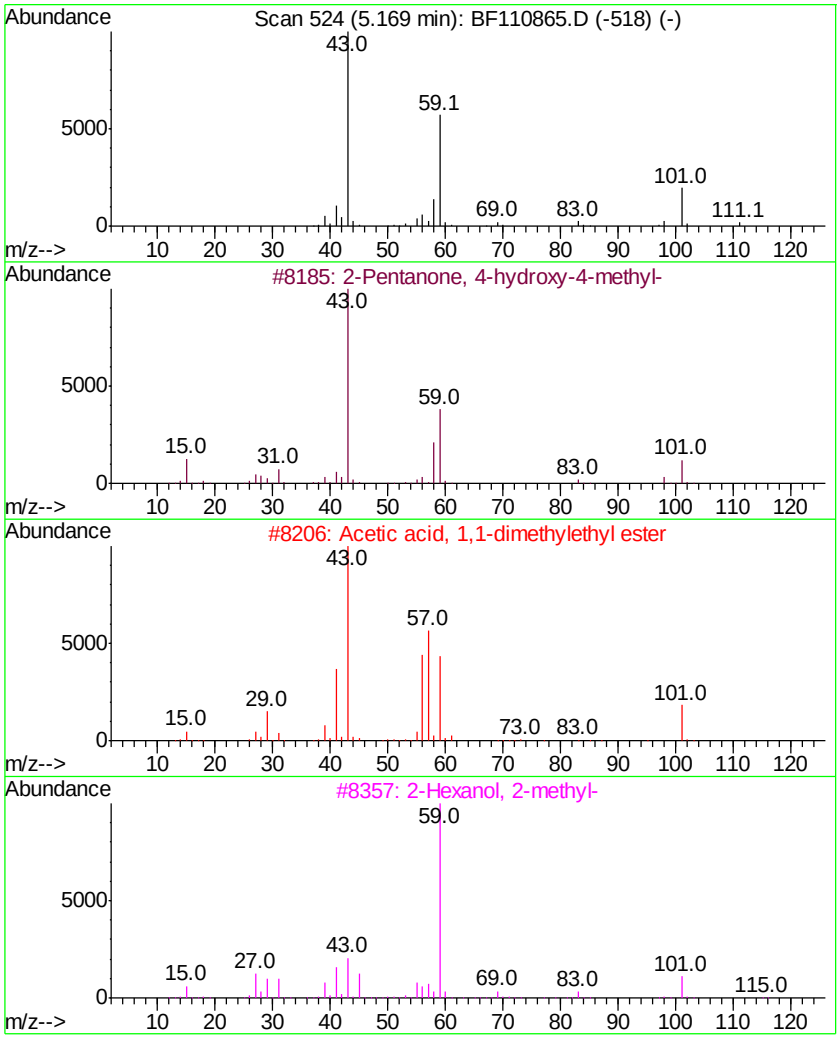
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

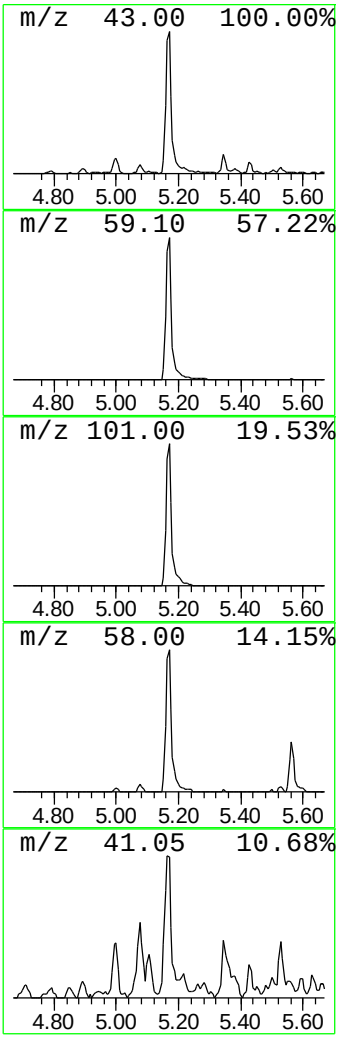
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	19.18 ng	495195	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

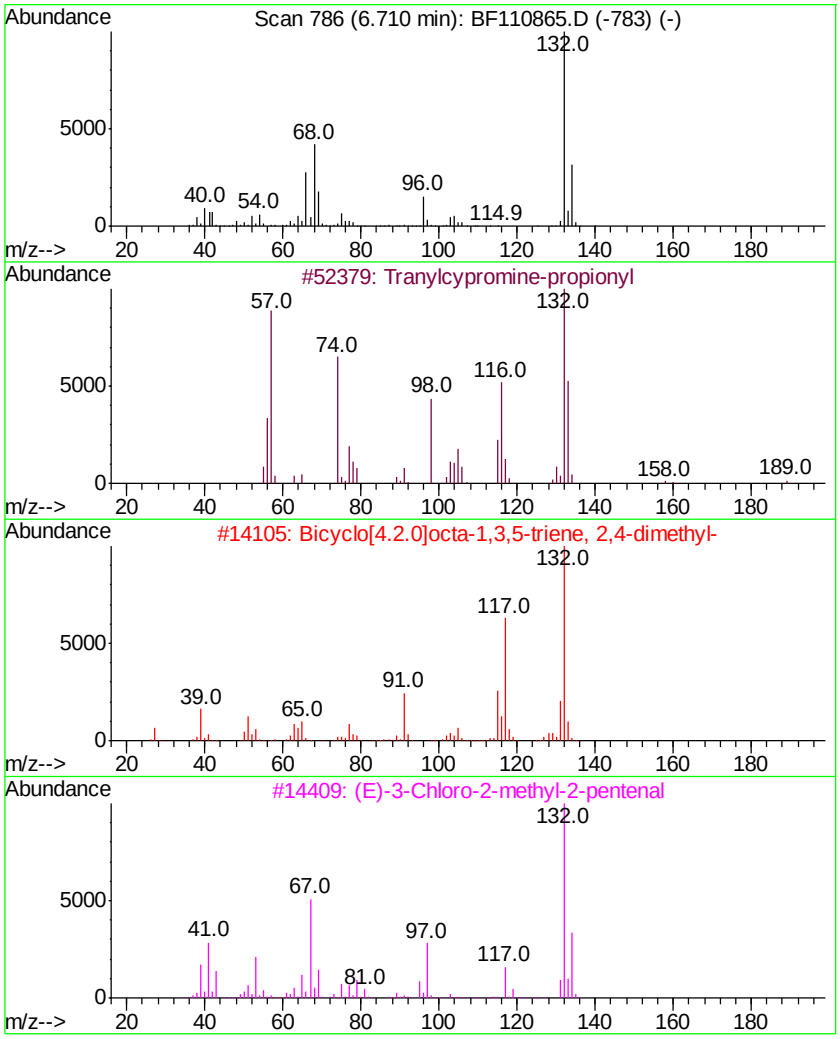
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

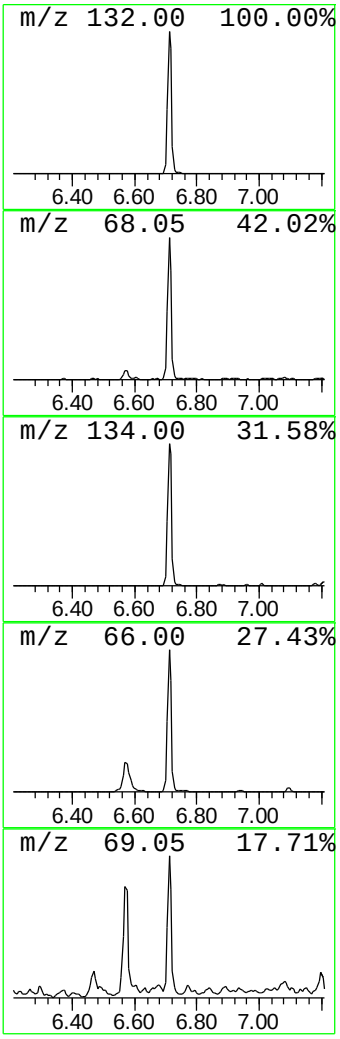
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	57.41 ng	1482240	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

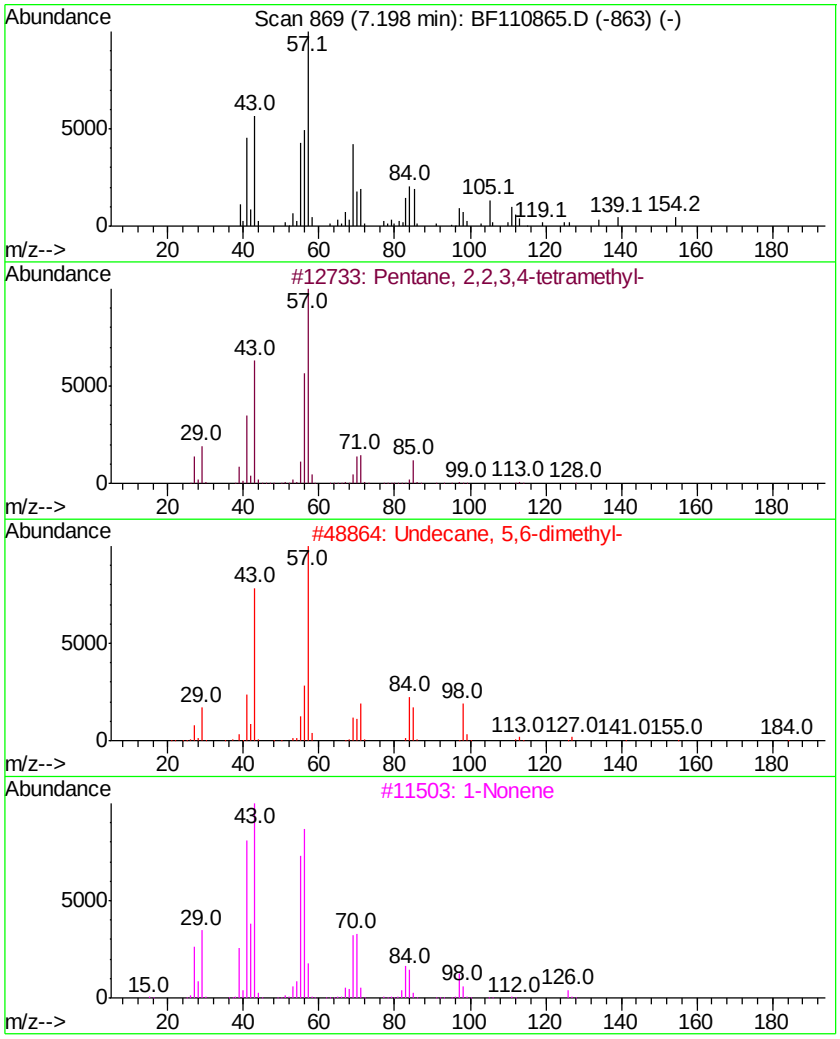
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

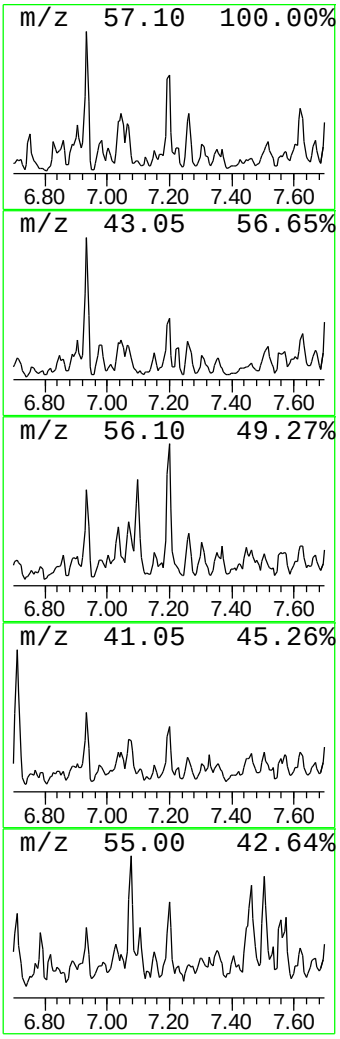
****

Peak Number 4 unknown7.20 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	7.93 ng	204769	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38
3	1-Nonene	126	C9H18	000124-11-8	38
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

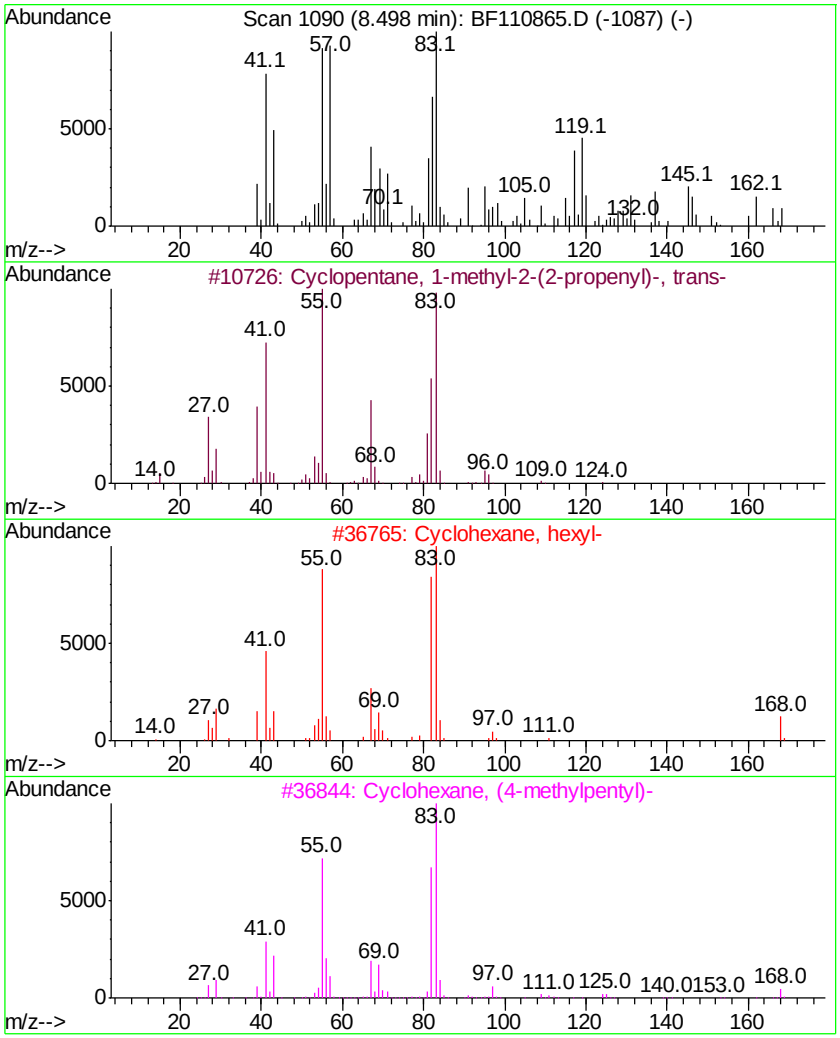
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

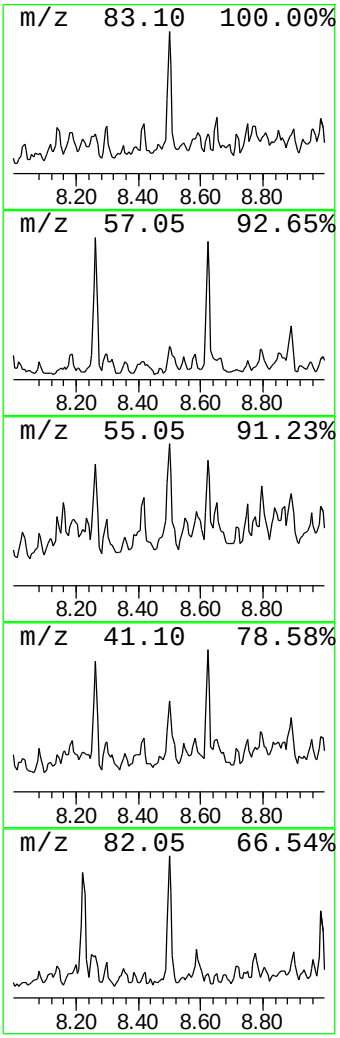
****

Peak Number 5 unknown8.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	9.64 ng	296118	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	45
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	35
5	Methoxyacetic acid, cyclohexyl e...	172	C9H16O3	1000282-69-4	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110865.D
Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

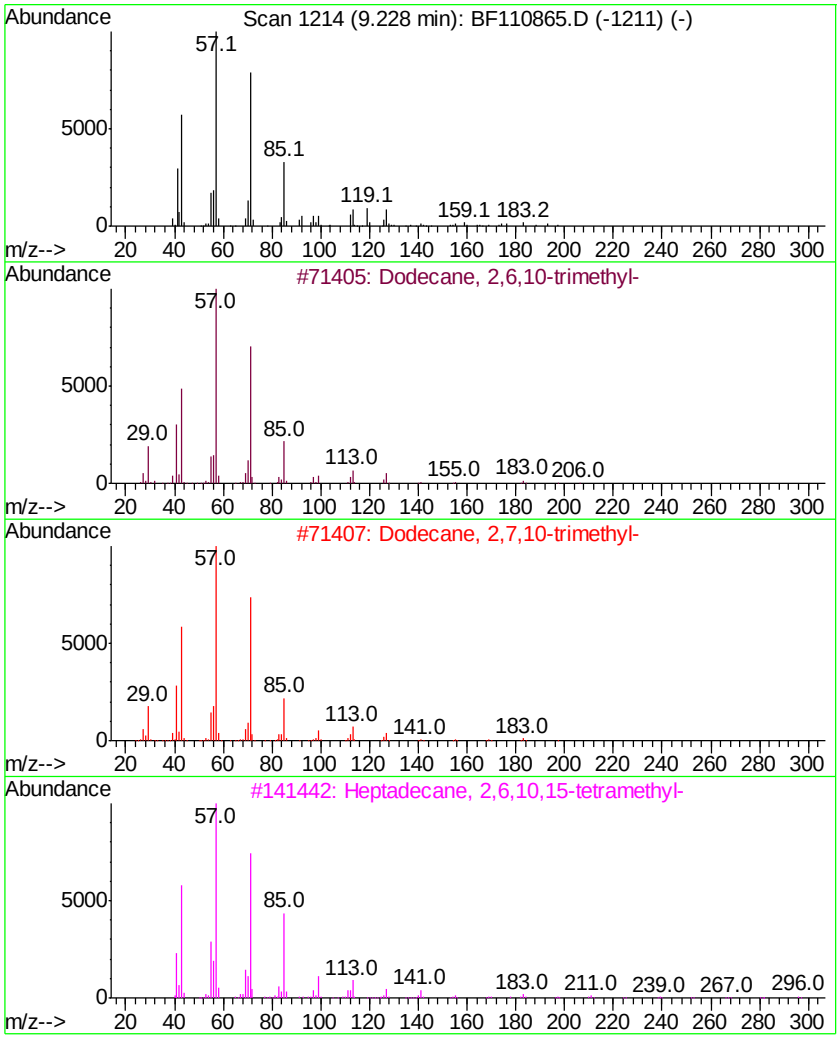
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

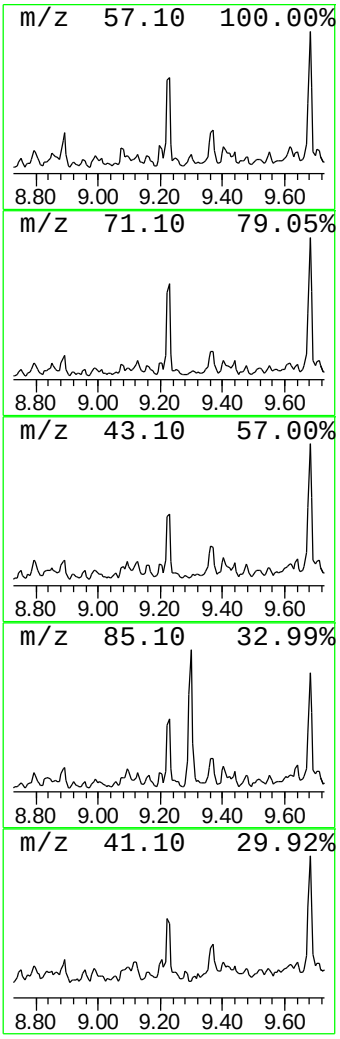
****

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	9.08 ng	226321	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72





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Data File : BF110865.D
Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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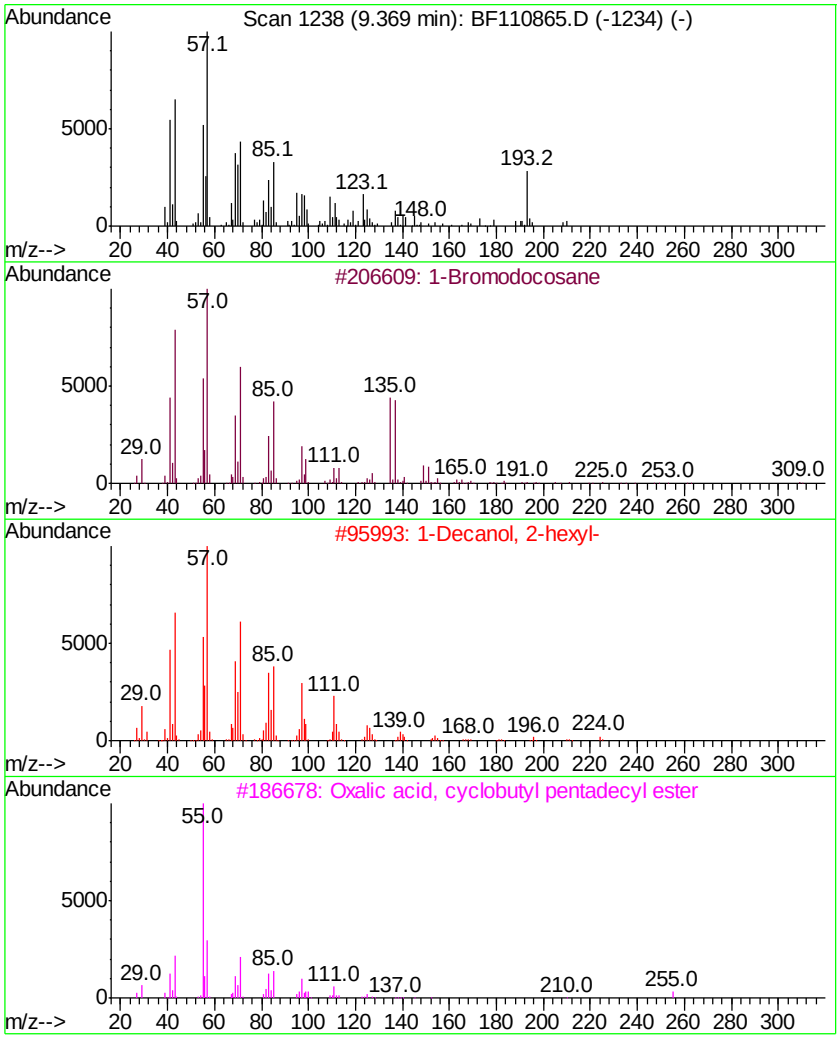
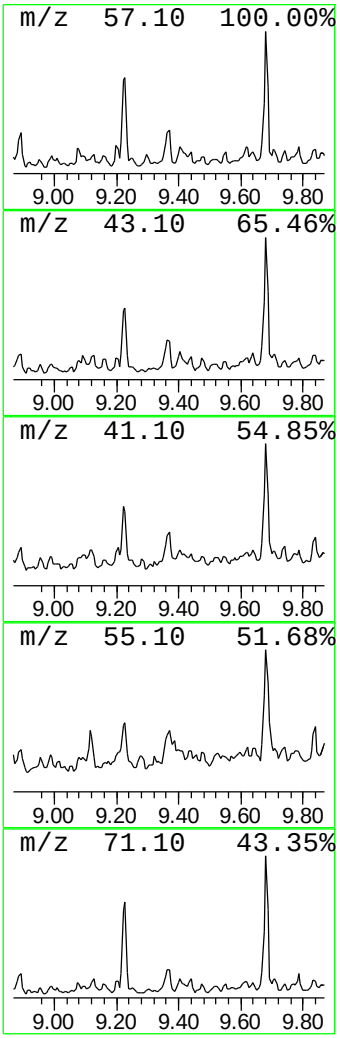
Peak Number 7 unknown9.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	9.72 ng	242051	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	46
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	43
4	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43
5	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	38





Library Search Compound Report

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Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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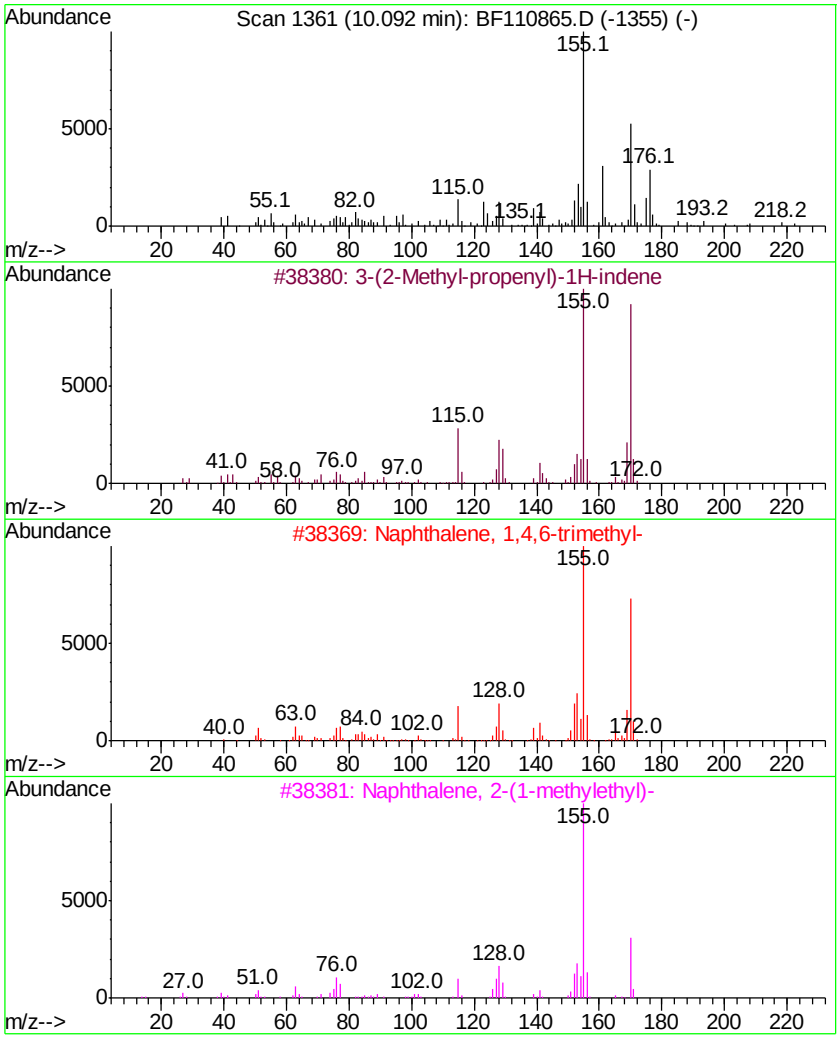
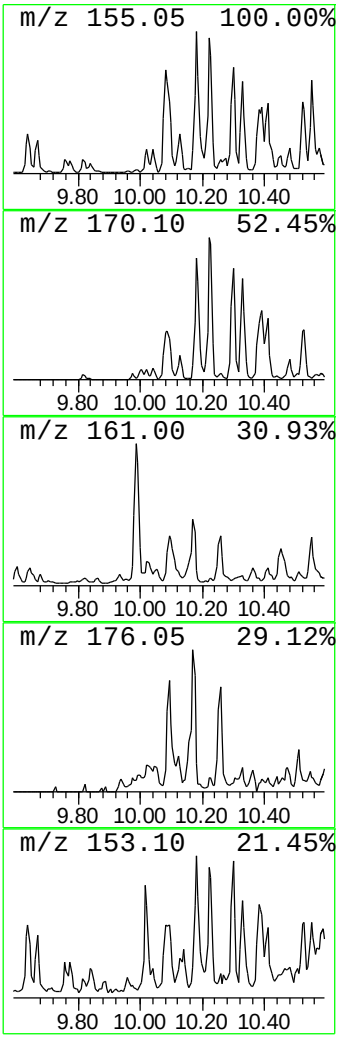
Peak Number 8 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	9.63 ng	239973	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	58





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Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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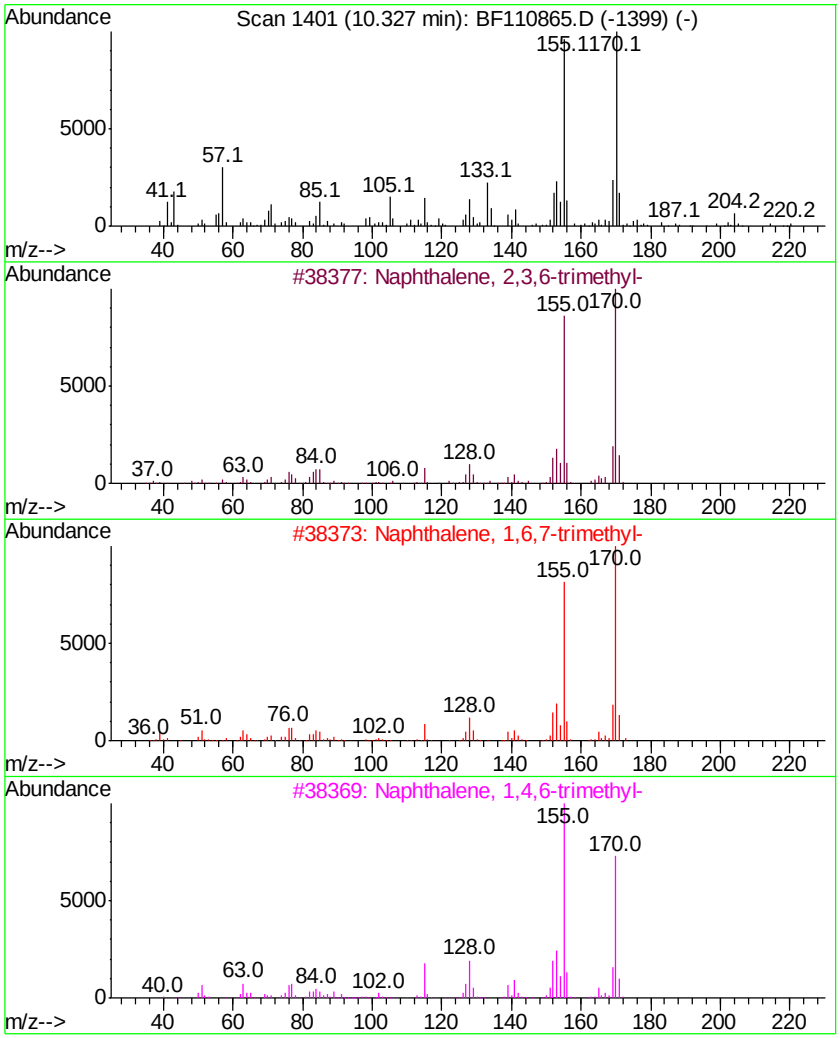
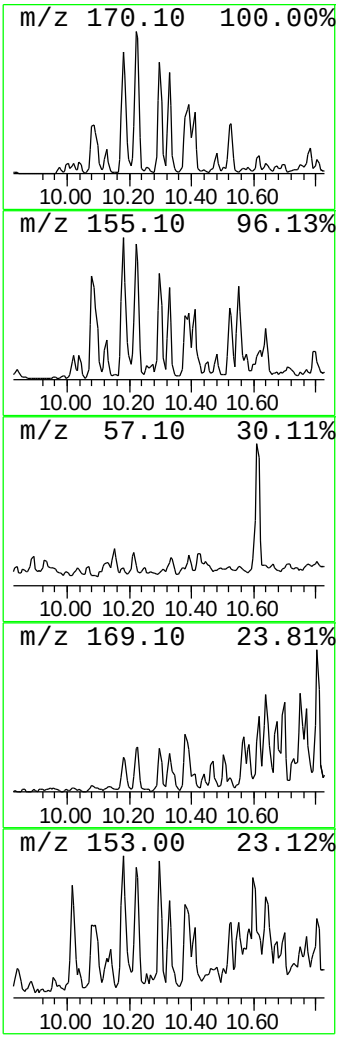
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	8.65 ng	215465	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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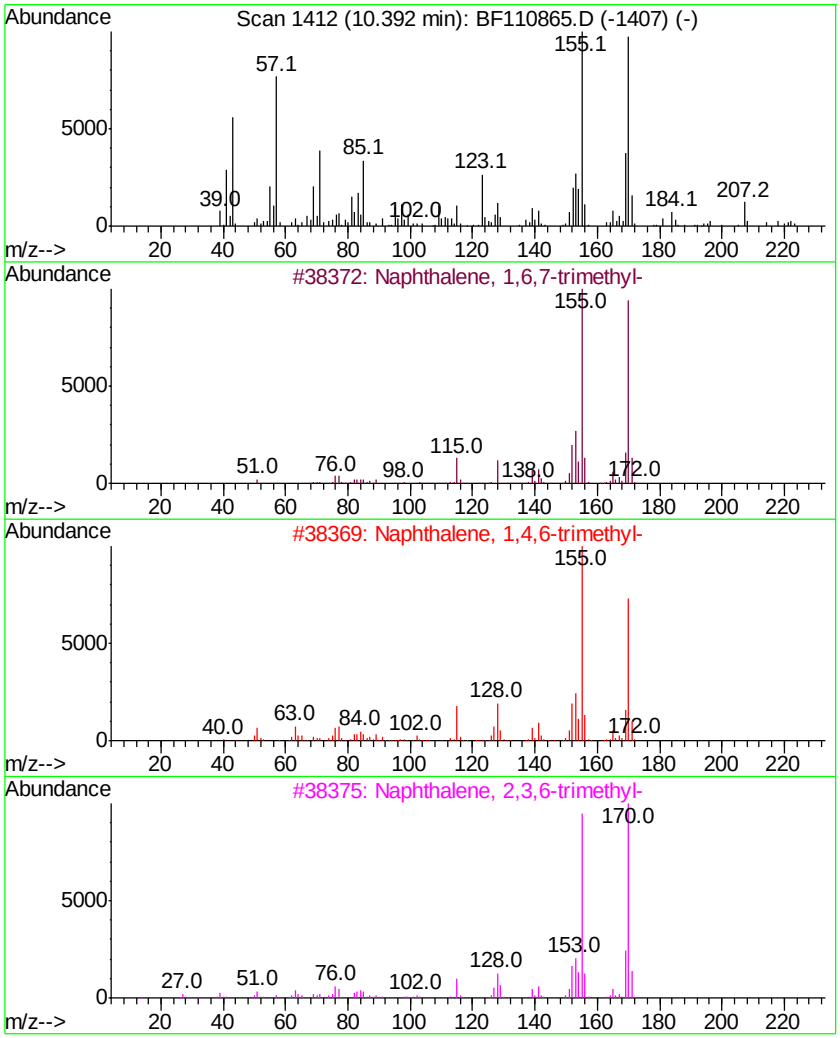
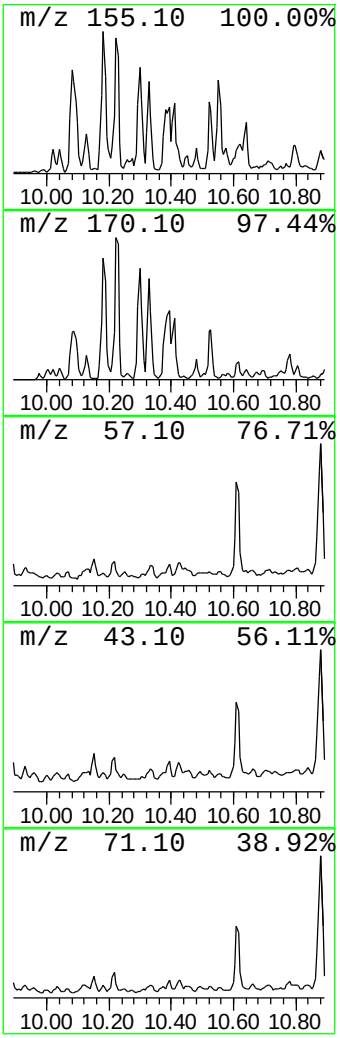
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	11.24 ng	279968	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	78





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Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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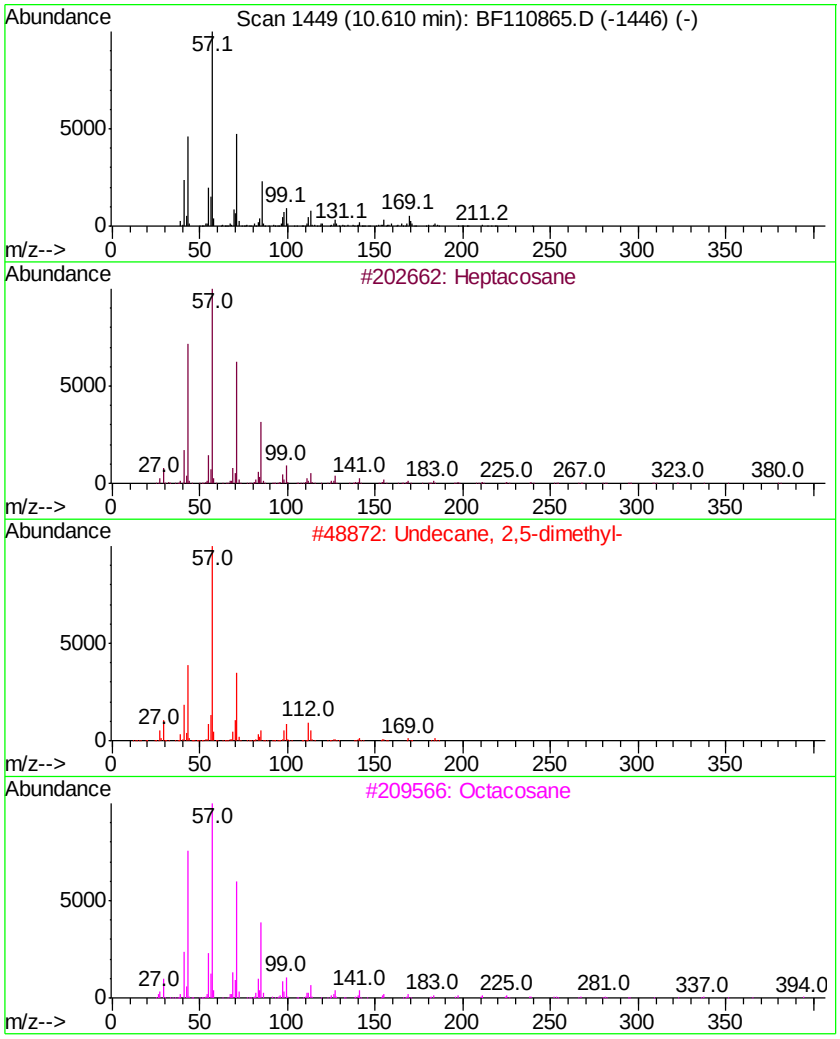
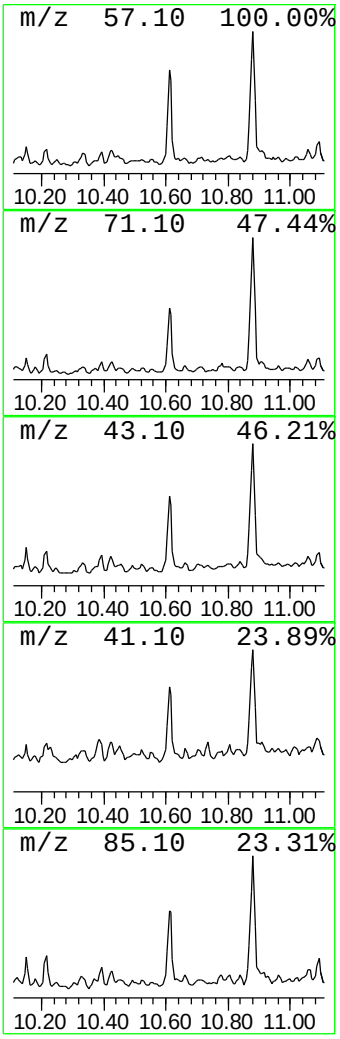
Peak Number 14 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	20.88 ng	520118	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3	Octacosane	394	C28H58	000630-02-4	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Tridecane	184	C13H28	000629-50-5	64





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

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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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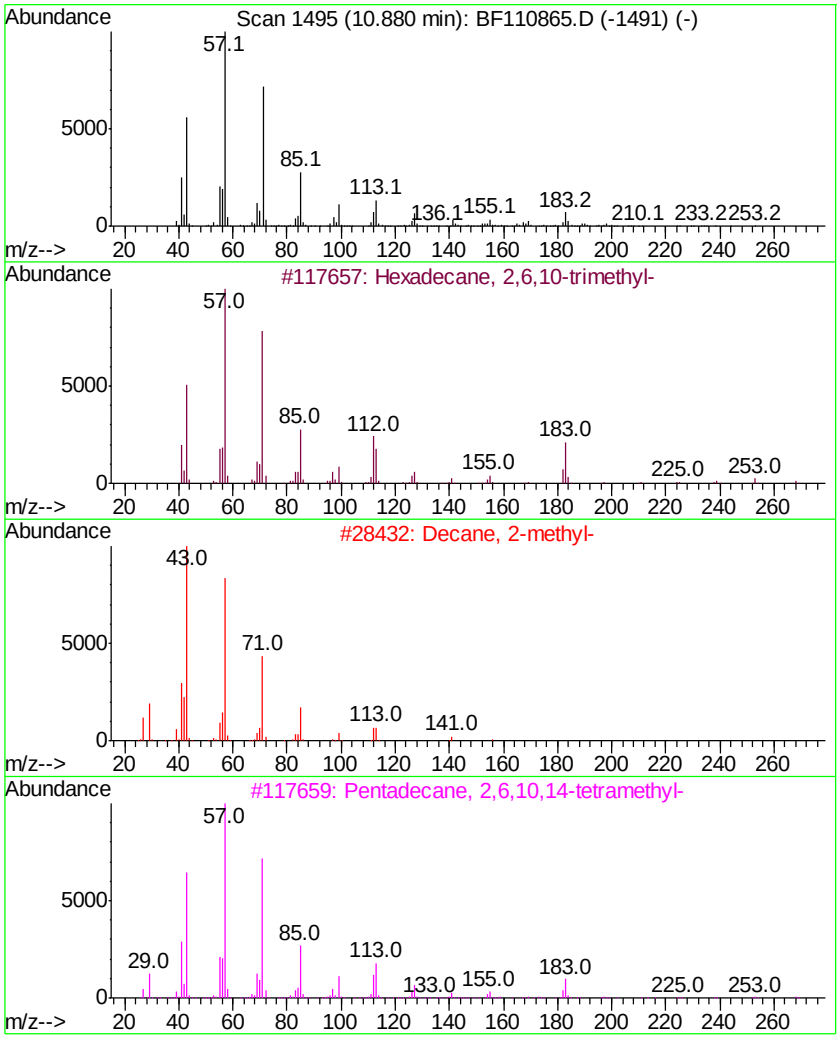
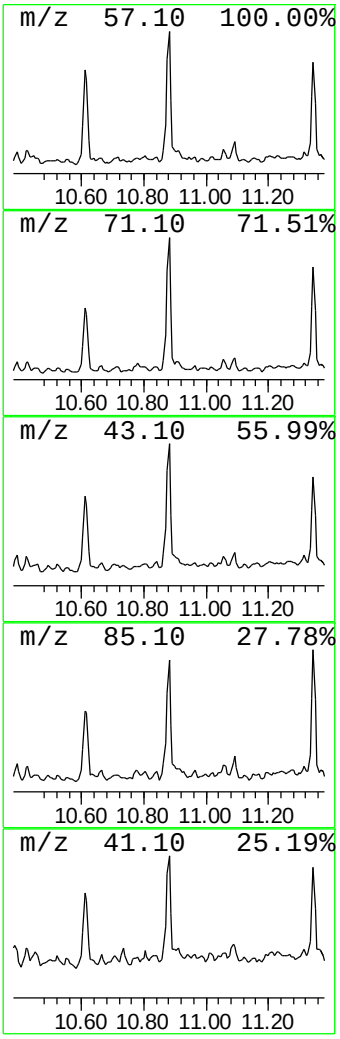
Peak Number 15 Hexadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	47.72 ng	1023990	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	81
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





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Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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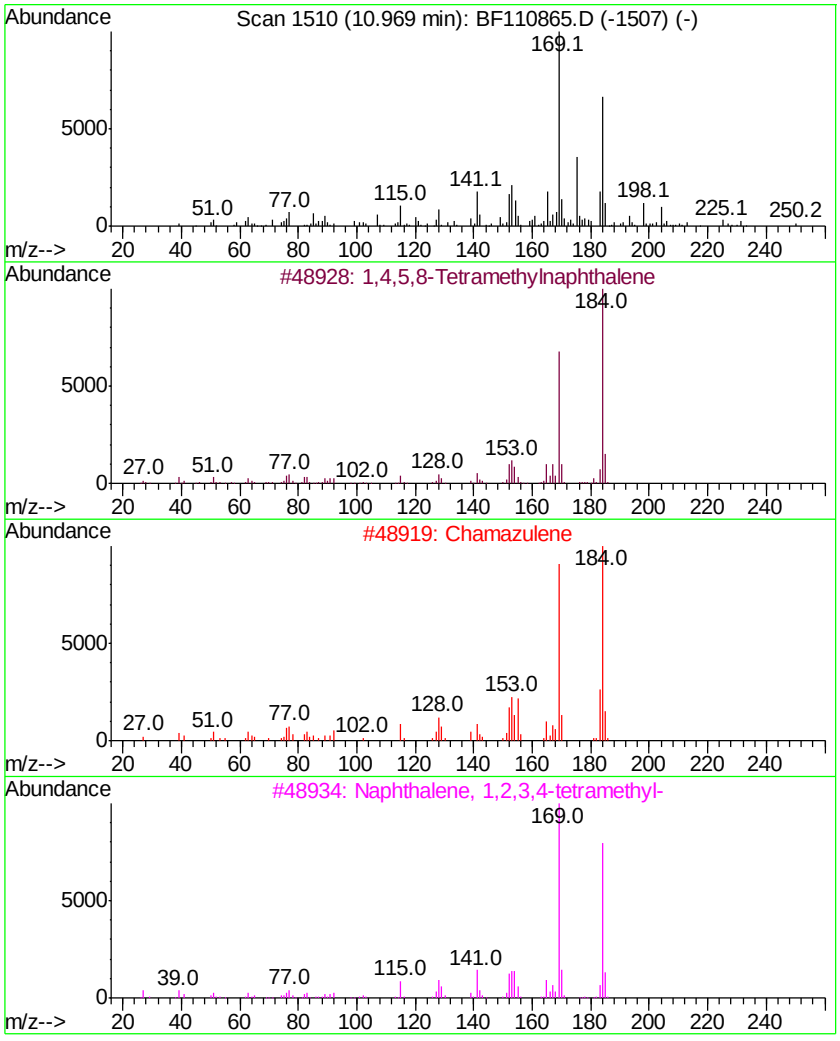
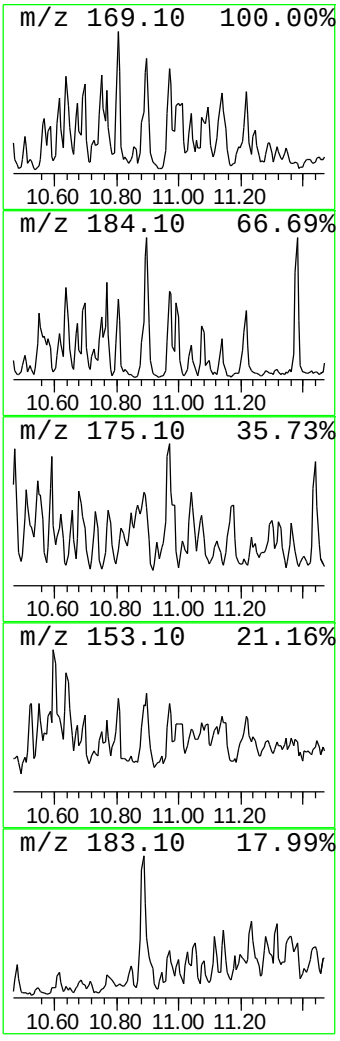
Peak Number 16 1,4,5,8-Tetramethylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	7.75 ng	166396	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	90
2	Chamazulene	184	C14H16	000529-05-5	90
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	86
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	81





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Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

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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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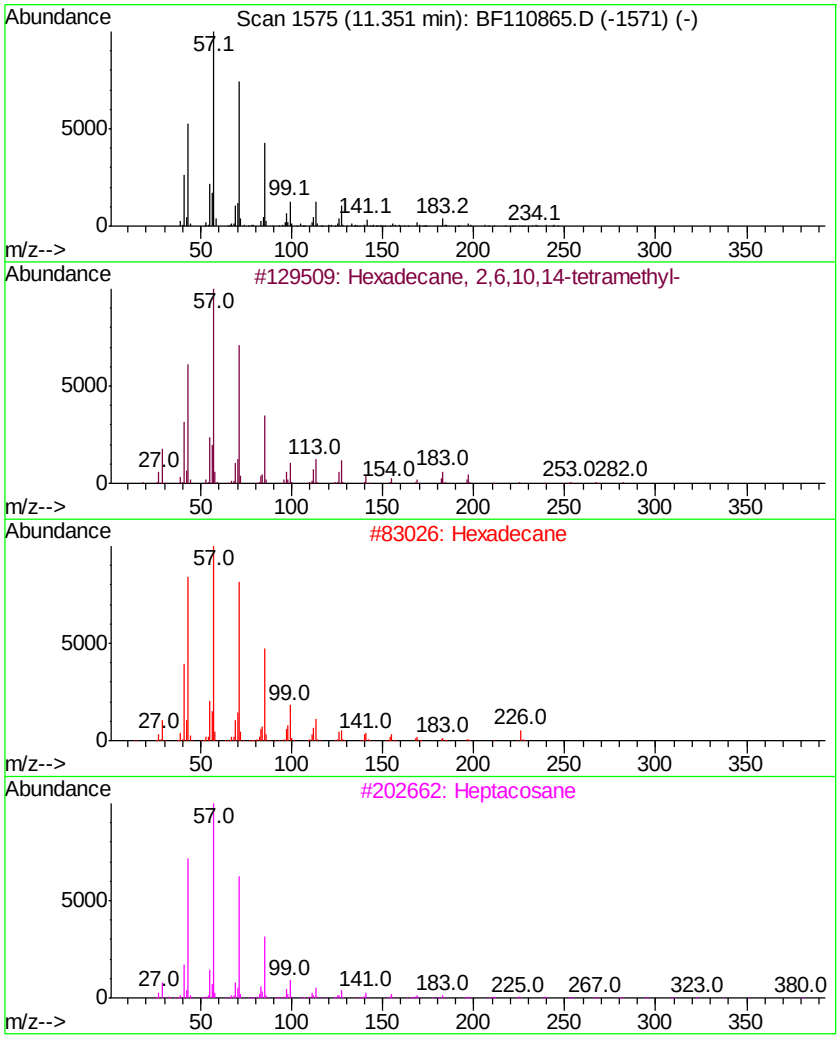
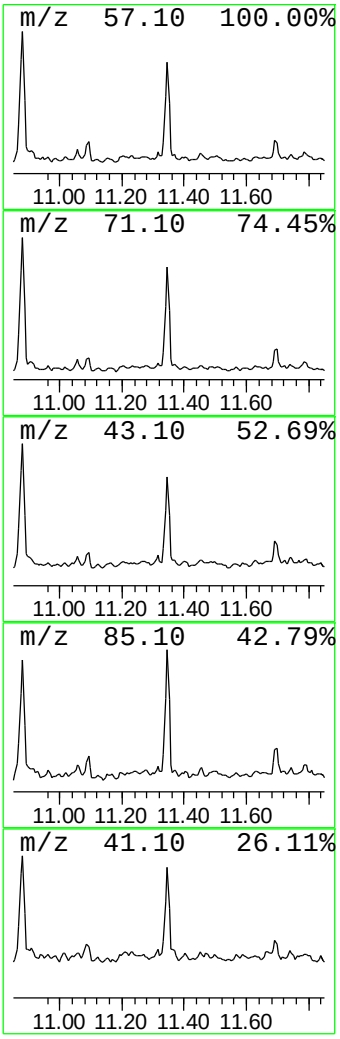
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	23.68 ng	508208	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Sample : J5993-06
Misc :
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Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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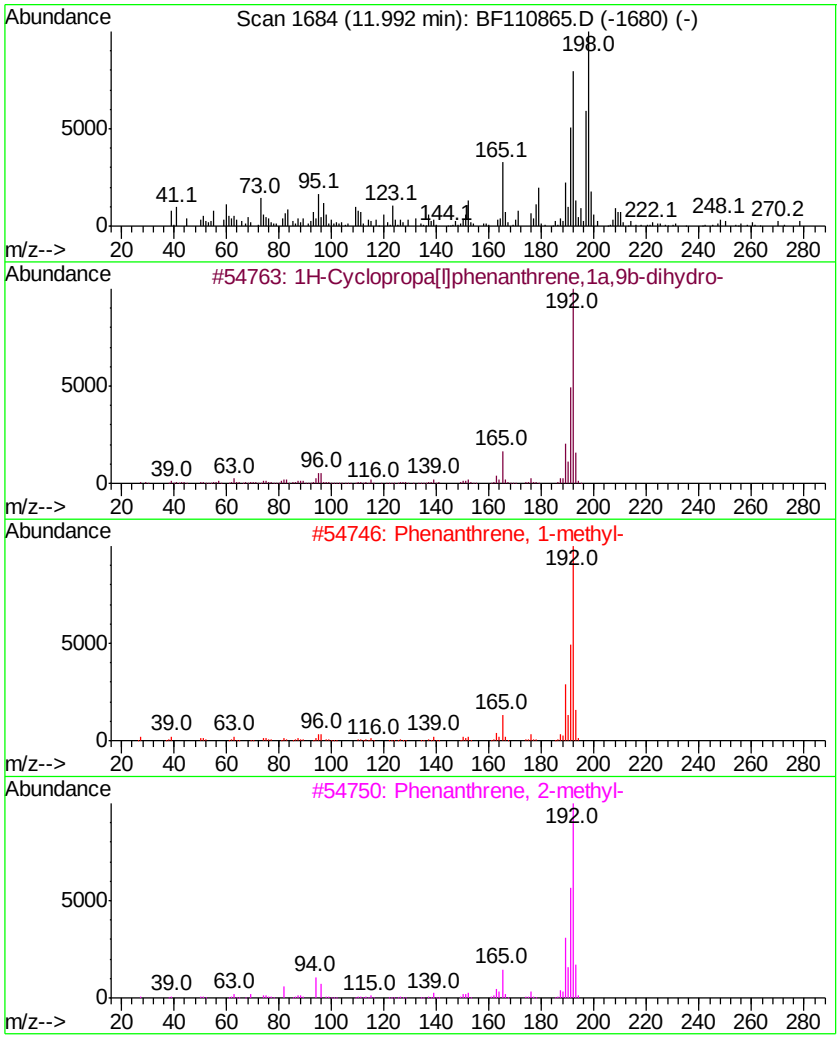
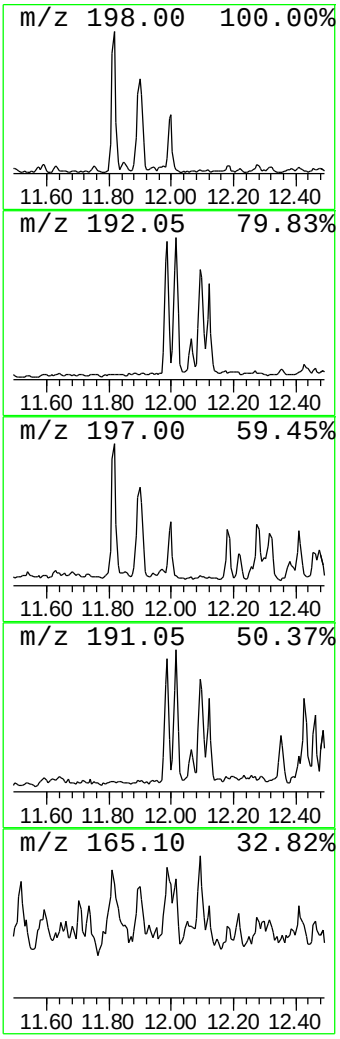
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.35 ng	200707	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

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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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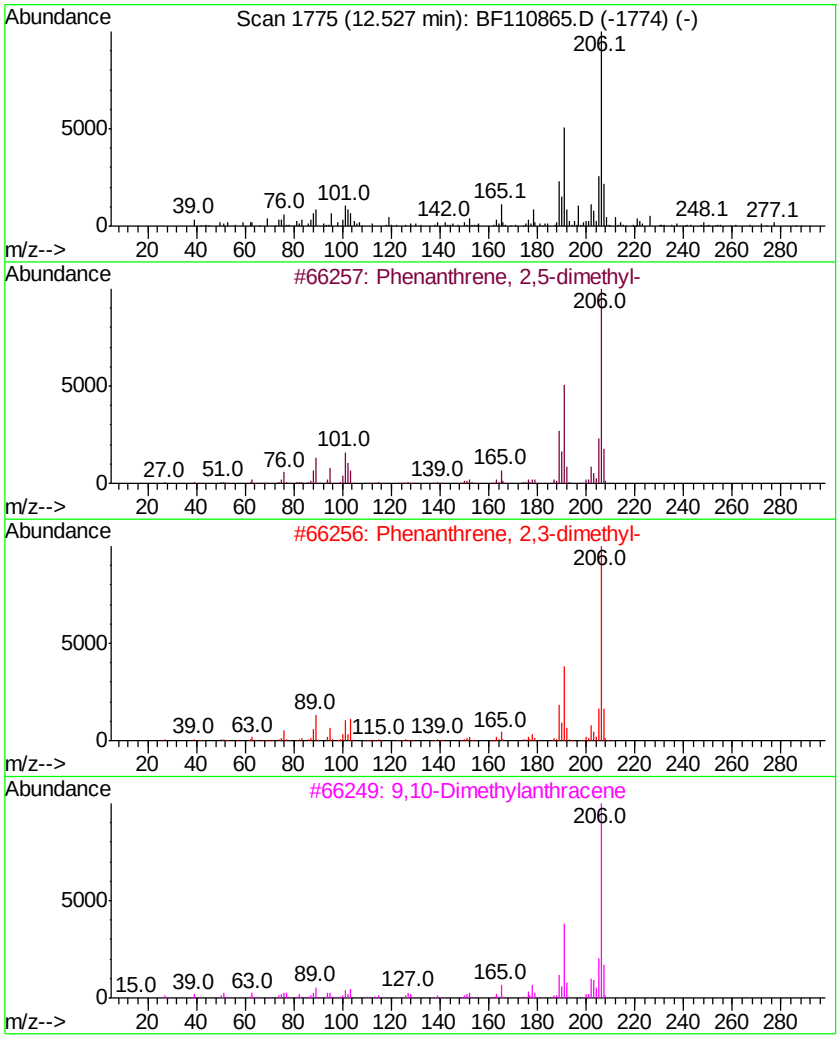
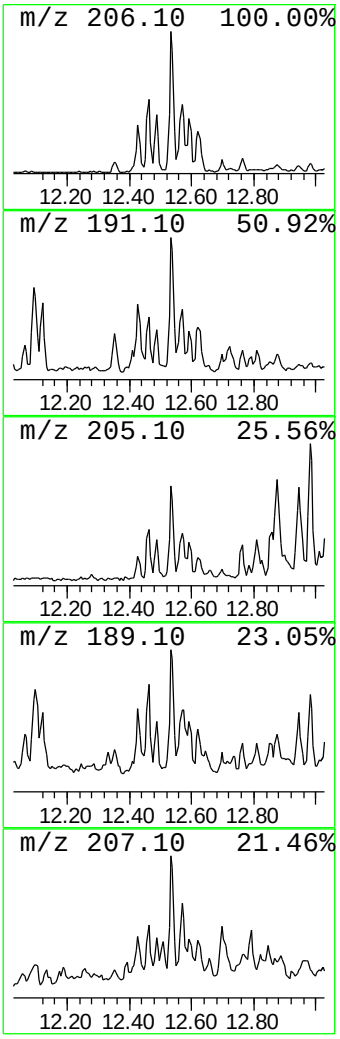
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	9.86 ng	211665	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86





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Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

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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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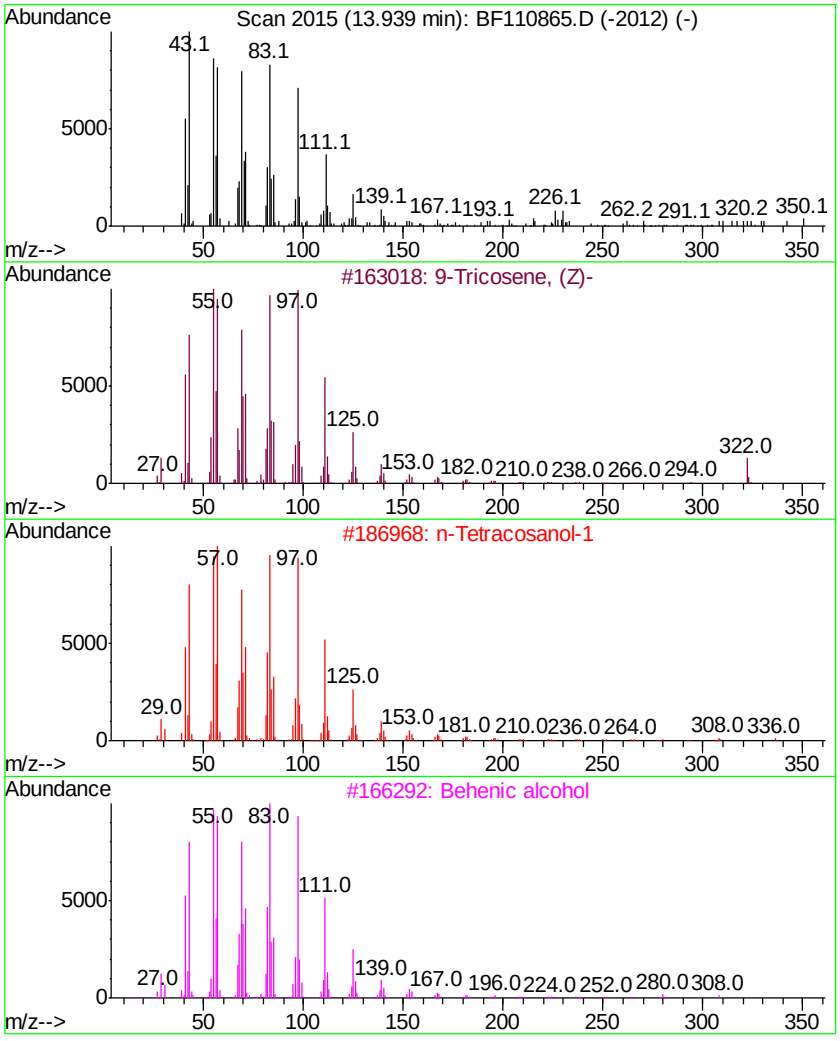
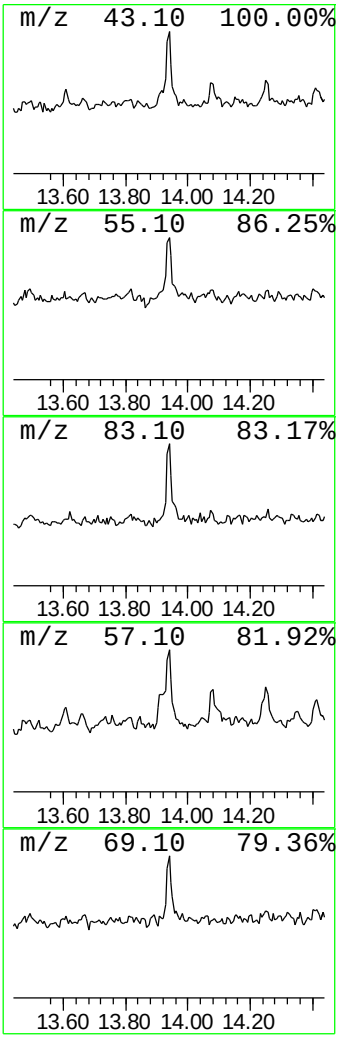
Peak Number 20 9-Tricosene, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	10.01 ng	215920	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
Data File : BF110865.D
Acq On : 19 Nov 2018 20:42
Operator : JU/SJ
Sample : J5993-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180930-AMENDED-WCC-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	5.17	19.2	ng	495195	1	6.94	516370	20.0
unknown6.71	6.71	57.4	ng	1482240	1	6.94	516370	20.0
unknown7.20	7.20	7.9	ng	204769	1	6.94	516370	20.0
unknown8.50	8.50	9.6	ng	296118	2	8.22	614309	20.0
Dodecane, 2,6,10-...	9.23	9.1	ng	226321	3	9.99	498297	20.0
unknown9.37	9.37	9.7	ng	242051	3	9.99	498297	20.0
3-(2-Methyl-prope...	10.09	9.6	ng	239973	3	9.99	498297	20.0
Naphthalene, 2,3,...	10.33	8.7	ng	215465	3	9.99	498297	20.0
Naphthalene, 1,6,...	10.39	11.2	ng	279968	3	9.99	498297	20.0
Heptacosane	10.61	20.9	ng	520118	3	9.99	498297	20.0
Hexadecane, 2,6,1...	10.88	47.7	ng	1023990	4	11.48	429198	20.0
1,4,5,8-Tetrameth...	10.97	7.8	ng	166396	4	11.48	429198	20.0
Hexadecane, 2,6,1...	11.35	23.7	ng	508208	4	11.48	429198	20.0
1H-Cyclopropa[l]p...	11.99	9.3	ng	200707	4	11.48	429198	20.0
Phenanthrene, 2,5...	12.53	9.9	ng	211665	4	11.48	429198	20.0
9-Tricosene, (Z)-	13.94	10.0	ng	215920	5	14.14	431347	20.0