LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

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-BF022218.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	5.492	575	579	587	rBV	542140	574204	44.73%	4.401%
2	6.504	748	751	760	rBV	529215	599949	46.73%	4.599%
3	6.645	771	775	781	rVB	636315	589455	45.92%	4.518%
4	6.875	810	814	819	rBV	1175723	1000143	77.91%	7.666%
5	7.028	835	840	847	rBV	539545	456369	35.55%	3.498%
6	7.269	873	881	884	rBV7	11193	22680	1.77%	0.174%
7	7.404	898	904	906	rBV3	11052	16627	1.30%	0.127%
8	7.433	906	909	917	rVV	298202	325968	25.39%	2.499%
9	7.510	917	922	928	rVB6	18856	27680	2.16%	0.212%
10	7.898	985	988	993	rBV	38562	40565	3.16%	0.311%
11	8.127	1025	1027	1029	rBV2	21518	21803	1.70%	0.167%
12	8.157	1029	1032	1038	rVV	1525471	1283742	100.00%	9.840%
13	8.204	1038	1040	1044	rVB	37239	36866	2.87%	0.283%
14	8.439	1077	1080	1086	rVB5	14765	19287	1.50%	0.148%
15	8.498	1086	1090	1092	rBV3	14731	21709	1.69%	0.166%
16	8.563	1099	1101	1104	rBV	35553	29508	2.30%	0.226%
17	8.710	1124	1126	1128	rBV	22463	18755	1.46%	0.144%
18	8.733	1128	1130	1135	rVB	46029	42637	3.32%	0.327%
19	8.833	1144	1147	1151	rVB5	12715	16538	1.29%	0.127%
20	8.875	1151	1154	1156	rBV	17805	17706	1.38%	0.136%
21	9.063	1183	1186	1189	rVB4	16201	17984	1.40%	0.138%
22	9.098	1189	1192	1195	rBV4	17427	15864	1.24%	0.122%
23	9.163	1201	1203	1211	rVB	38370	31495	2.45%	0.241%
24	9.227	1211	1214	1222	rBV	617337	538218	41.93%	4.125%
25	9.298	1222	1226	1229	rBV2	79776	87396	6.81%	0.670%
26	9.374	1237	1239	1245	rVB5	18456	21564	1.68%	0.165%
27	9.504	1257	1261	1265	rBV3	25139	34671	2.70%	0.266%
28	9.574	1269	1273	1275	rVV3	29027	36280	2.83%	0.278%
29	9.622	1275	1281	1284	rVV3	96255	123883	9.65%	0.950%
30	9.686	1288	1292	1294	rBV2	17091	20222	1.58%	0.155%
31	9.774	1304	1307	1309	rBV	30058	26380	2.05%	0.202%
32	9.833	1312	1317	1321	rVV	98341	96452	7.51%	0.739%
33	9.916	1327	1331	1335	rBV	1372770	1208471	94.14%	9.263%
34	10.016	1345	1348	1352	rVB6	15188	22146	1.73%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.063	1352	1356	1359	rBV6	16463	29612	2.31%	0.227%
36	10.116	1362	1365	1369	rVV3	35042	41687	3.25%	0.320%
37	10.151	1369	1371	1375	rVB3	38860	39093	3.05%	0.300%
38	10.227	1381	1384	1388	rBV4	20920	21357	1.66%	0.164%
39	10.333	1396	1402	1405	rBV	119933	130988	10.20%	1.004%
40	10.551	1433	1439	1441	rBV	63286	73120	5.70%	0.560%
41	10.604	1446	1448	1449	rBV	17373	15287	1.19%	0.117%
42	10.621	1449	1451	1457	rVB	106108	110358	8.60%	0.846%
43	10.704	1462	1465	1475	rVV	261648	294214	22.92%	2.255%
44	10.804	1479	1482	1492	rVB	153176	212941	16.59%	1.632%
45	10.898	1495	1498	1501	rVV4	17228	16837	1.31%	0.129%
46	10.998	1512	1515	1517	rBV3	14264	18759	1.46%	0.144%
47	11.127	1534	1537	1539	rBV4	17082	20516	1.60%	0.157%
48	11.251	1555	1558	1561	rBV	104009	94383	7.35%	0.723%
49	11.280	1561	1563	1566	rVB	54677	48388	3.77%	0.371%
50	11.404	1581	1584	1587	rBV	1064988	1042164	81.18%	7.988%
51	11.427	1587	1588	1593	rVB	101565	99965	7.79%	0.766%
52	11.633	1621	1623	1625	rBV3	24306	22417	1.75%	0.172%
53	11.680	1628	1631	1634	rVV	127439	94335	7.35%	0.723%
54	11.921	1668	1672	1674	rBV2	128124	140323	10.93%	1.076%
55	12.086	1697	1700	1704	rBV	116667	98636	7.68%	0.756%
56	12.145	1707	1710	1713	rVV3	34582	38006	2.96%	0.291%
57	12.427	1756	1758	1761	rVB3	35434	31358	2.44%	0.240%
58	12.474	1764	1766	1771	rVB	102408	100710	7.85%	0.772%
59	12.621	1788	1791	1794	rBV	171333	174826	13.62%	1.340%
60	12.651	1794	1796	1800	rVB	271243	262310	20.43%	2.011%
61	12.851	1827	1830	1837	rVB	220960	206430	16.08%	1.582%
62	12.962	1846	1849	1850	rBV2	52659	53066	4.13%	0.407%
63	12.986	1850	1853	1856	rVV	463850	377963	29.44%	2.897%
64	13.204	1888	1890	1893	rVB	133847	94474	7.36%	0.724%
65	13.545	1946	1948	1952	rVB	128509	113450	8.84%	0.870%
66	13.874	2002	2004	2007	rVB	147874	134501	10.48%	1.031%
67	14.057	2031	2035	2038	rBV	747099	759949	59.20%	5.825%
68	15.556	2286	2290	2299	rVB	396595	590874	46.03%	4.529%

Sum of corrected areas: 13046514

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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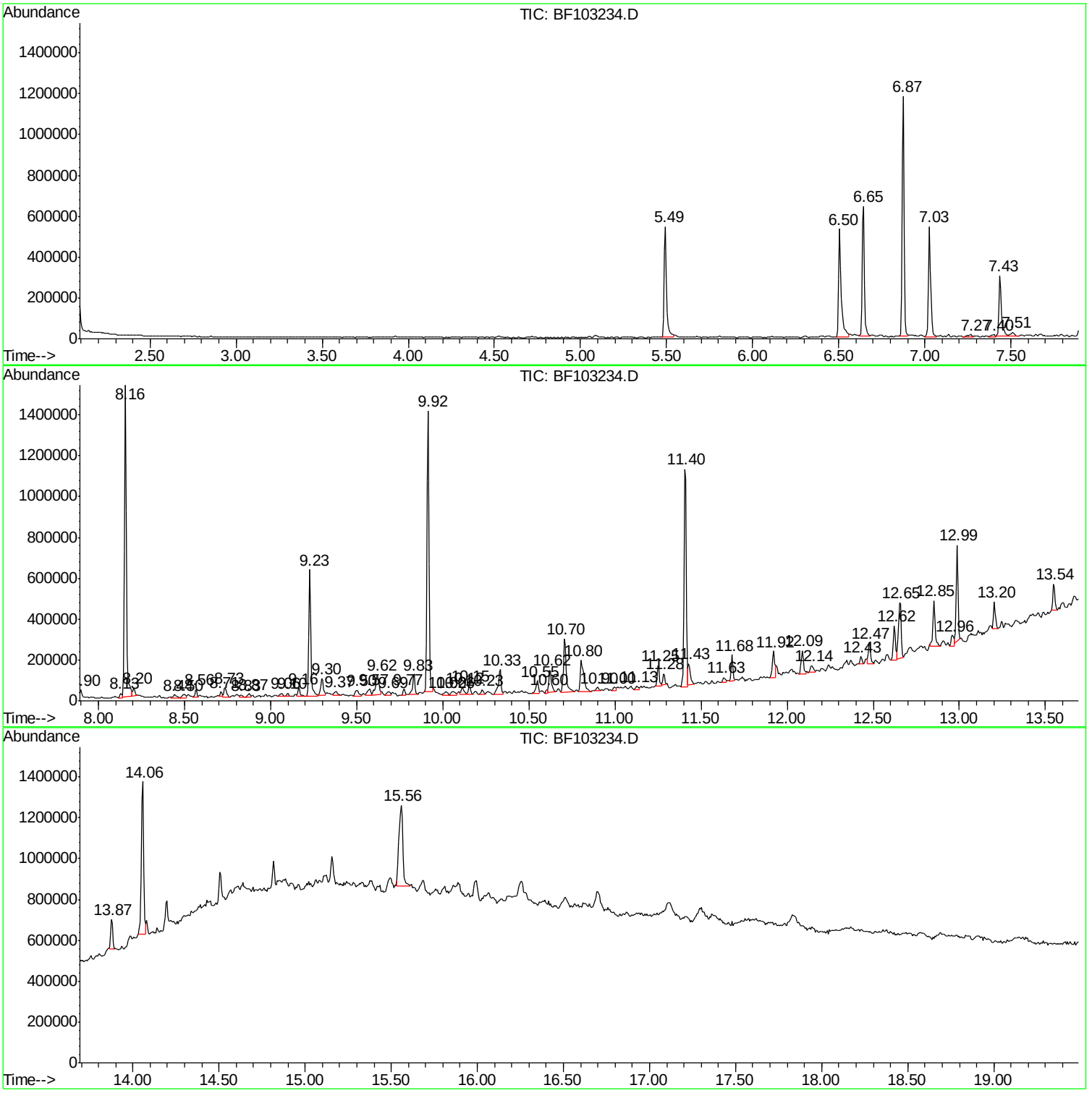
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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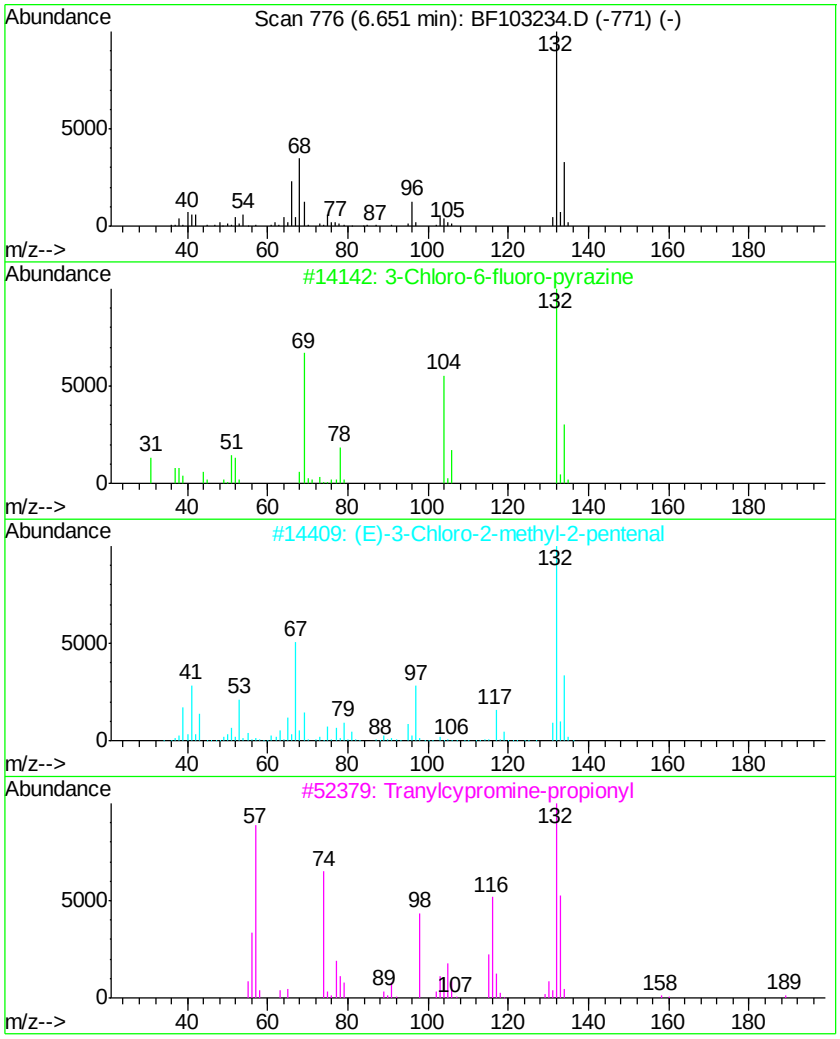
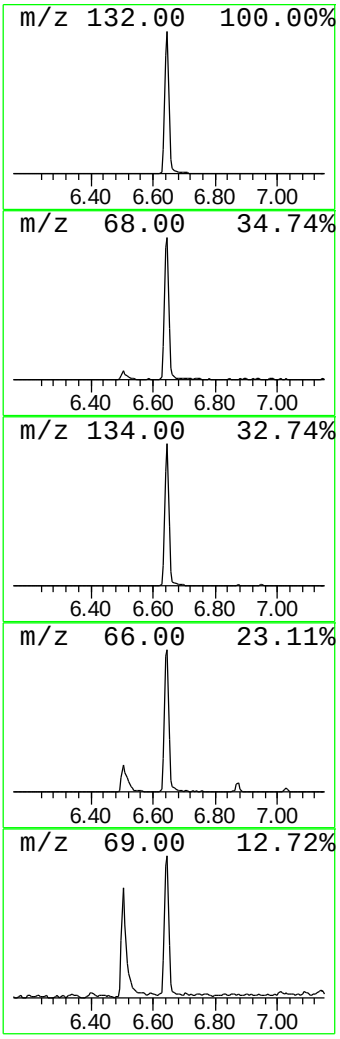
****

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	11.79 ng	589455	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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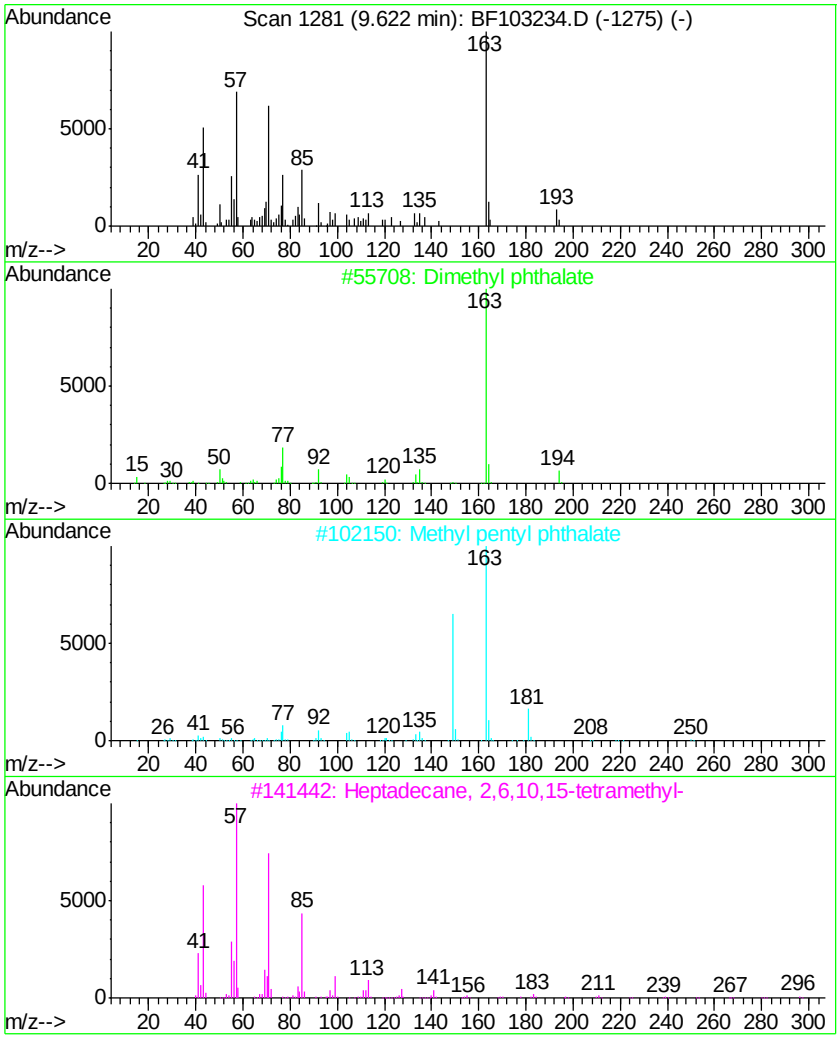
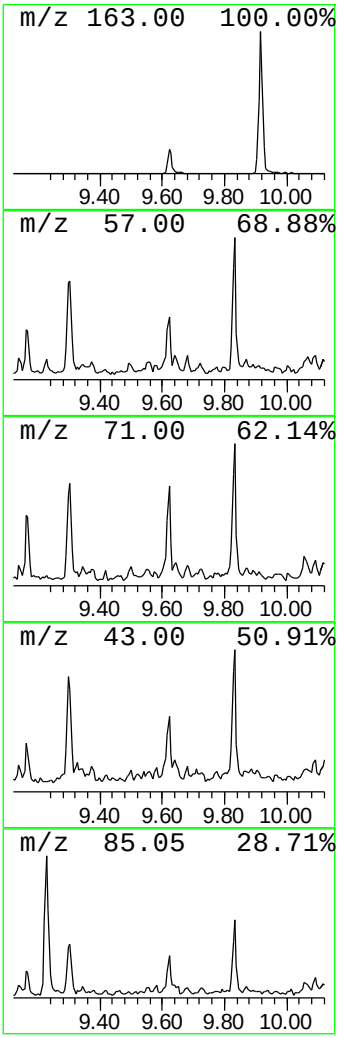
Peak Number 3 Dimethyl phthalate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.05 ng	123883	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	43
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	18
4	Hexadecane	226	C16H34	000544-76-3	18
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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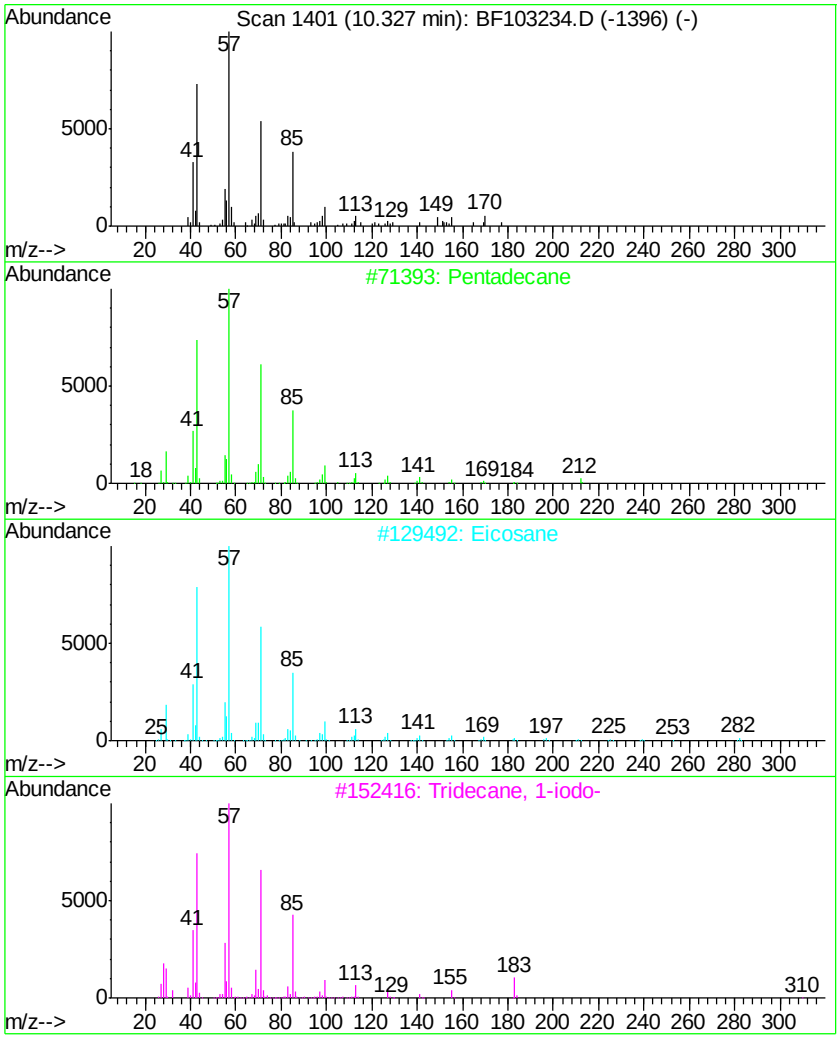
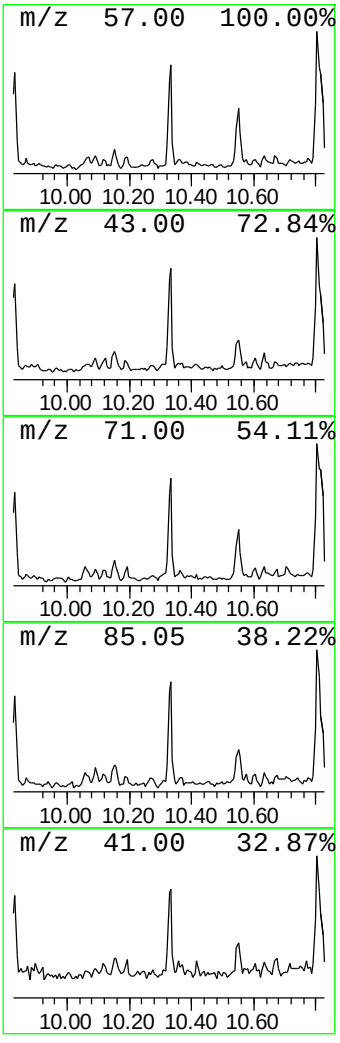
Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.17 ng	130988	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heptacosane	380	C27H56	000593-49-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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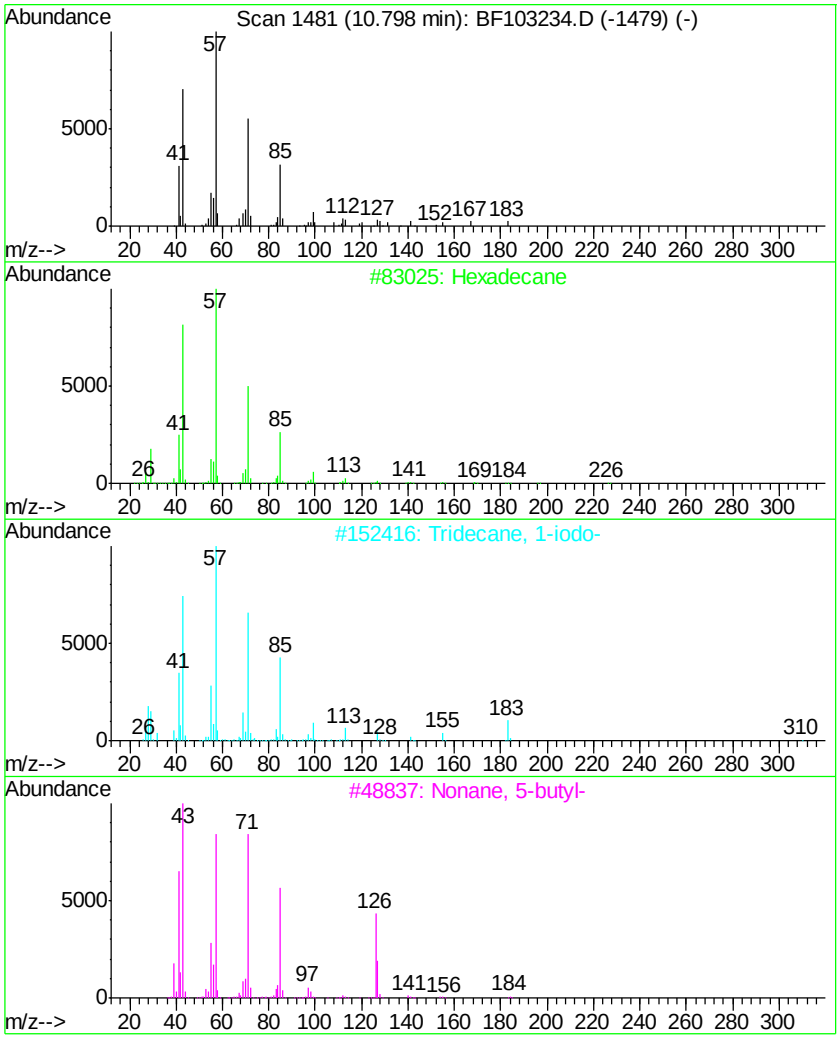
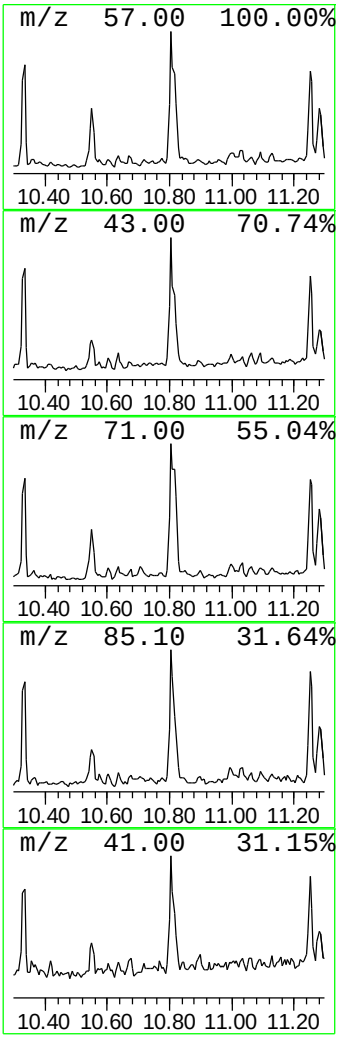
Peak Number 5 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.09 ng	212941	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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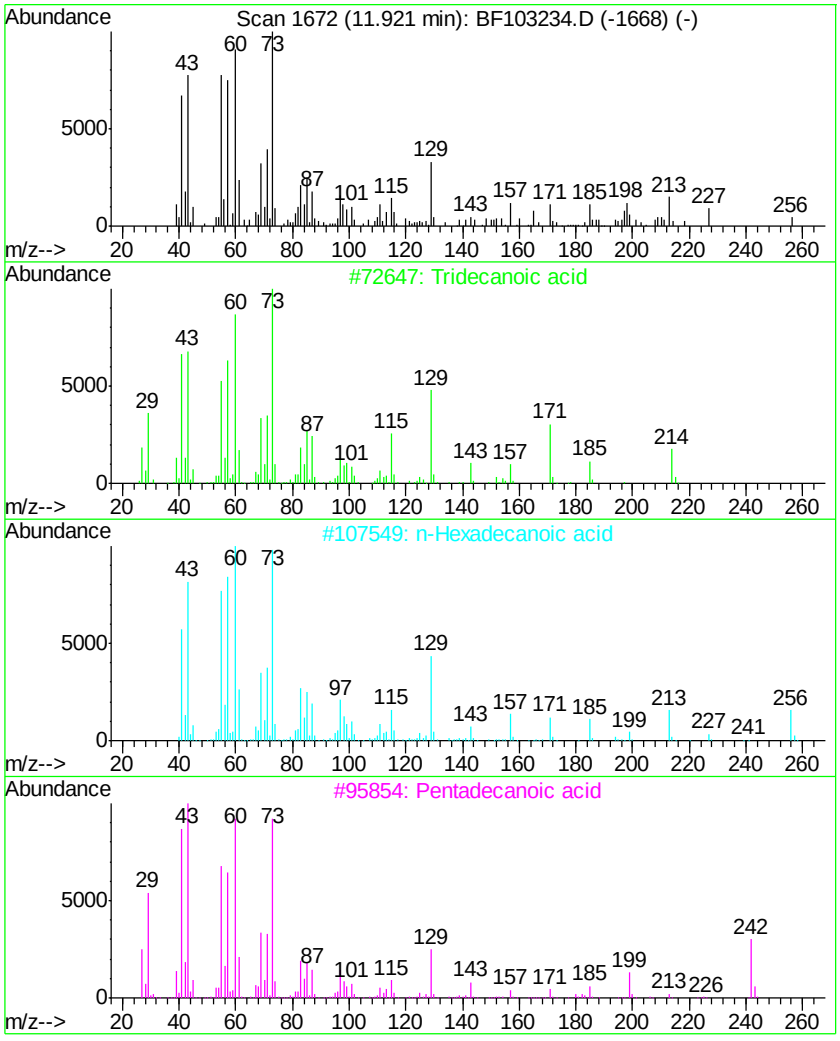
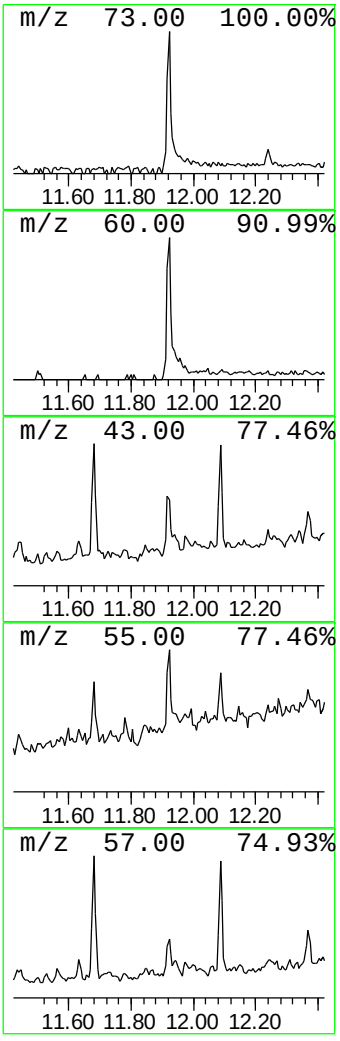
Peak Number 6 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.69 ng	140323	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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Data File : BF103234.D
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Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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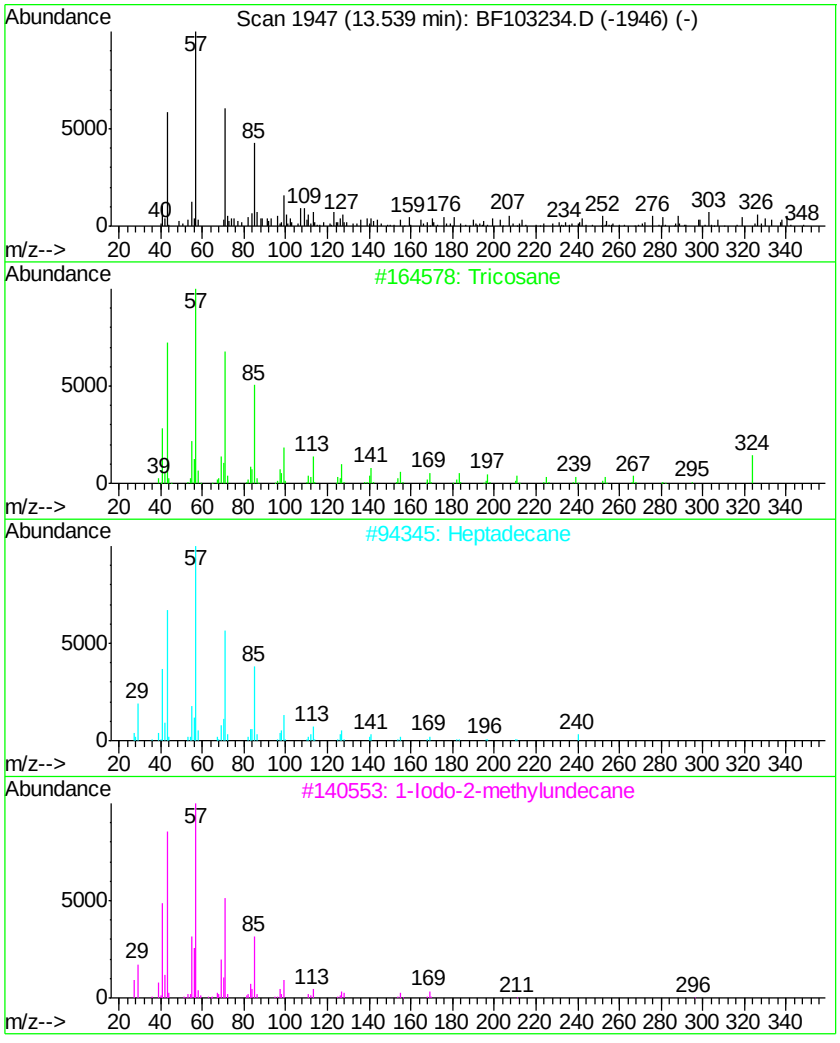
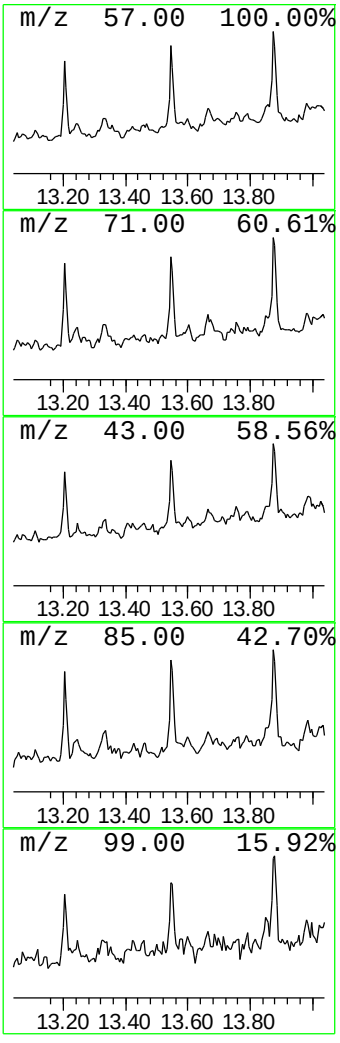
Peak Number 8 Tricosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.99 ng	113450	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
4	Octadecane	254	C18H38	000593-45-3	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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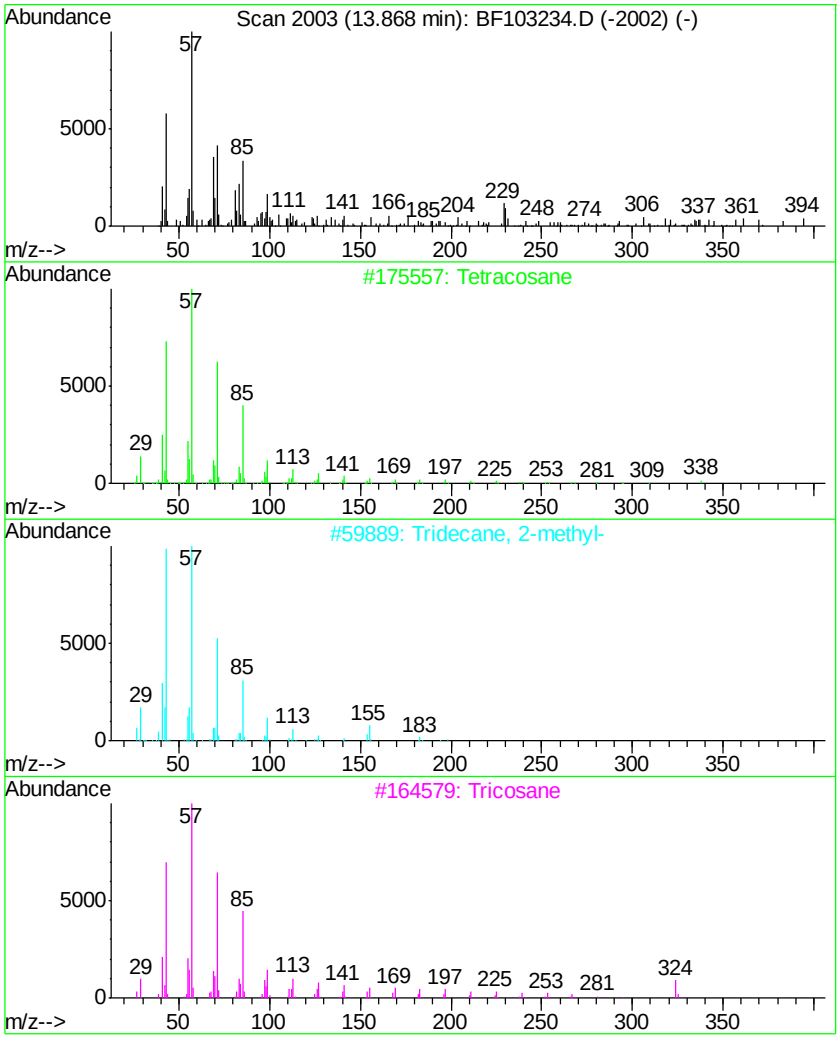
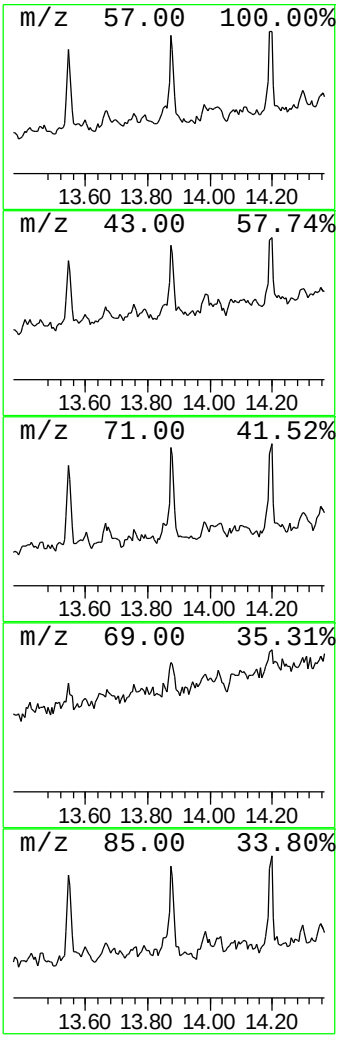
Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.54 ng	134501	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Tricosane	324	C23H48	000638-67-5	87
4	Pentadecane	212	C15H32	000629-62-9	83
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103234.D
Acq On : 26 Feb 2018 22:50
Operator : SJ/JU
Sample : J1691-49 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	11.8	ng	589455	1	6.87	1000140	20.0
Dimethyl phthalate	9.62	2.0	ng	123883	3	9.92	1208470	20.0
Pentadecane	10.33	2.2	ng	130988	3	9.92	1208470	20.0
Hexadecane	10.80	4.1	ng	212941	4	11.40	1042160	20.0
Tridecanoic acid	11.92	2.7	ng	140323	4	11.40	1042160	20.0
Tricosane	13.54	3.0	ng	113450	5	14.06	759949	20.0
Tetracosane	13.87	3.5	ng	134501	5	14.06	759949	20.0