LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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	2.134	3	8	16	rBV	224213	299726	7.99%	0.802%
2	5.110	511	514	523	rBV	85512	133095	3.55%	0.356%
3	5.504	577	581	614	rBV	2721656	3707582	98.85%	9.924%
4	6.151	687	691	707	rBV2	46555	147378	3.93%	0.394%
5	6.463	739	744	750	rBV2	43543	111880	2.98%	0.299%
6	6.522	750	754	772	rVV	2479012	3750753	100.00%	10.039%
7	6.651	772	776	783	rVV	3083680	3353338	89.40%	8.975%
8	6.710	783	786	791	rVB2	119095	149270	3.98%	0.400%
9	6.869	810	813	830	rBV	858478	939097	25.04%	2.514%
10	7.028	836	840	855	rBV	2582065	2564520	68.37%	6.864%
11	7.439	906	910	923	rBV	2086617	2251734	60.03%	6.027%
12	7.904	984	989	992	rBV5	23480	41410	1.10%	0.111%
13	7.951	995	997	1005	rVB4	28671	40805	1.09%	0.109%
14	8.057	1012	1015	1023	rBV	46530	82679	2.20%	0.221%
15	8.157	1028	1032	1038	rBV	1122996	1127367	30.06%	3.017%
16	8.369	1065	1068	1073	rBV2	52309	56945	1.52%	0.152%
17	8.428	1073	1078	1085	rVB2	60098	88671	2.36%	0.237%
18	8.733	1124	1130	1135	rBV2	54291	71847	1.92%	0.192%
19	8.780	1135	1138	1143	rVB	82854	82250	2.19%	0.220%
20	8.869	1149	1153	1156	rBV3	30830	41296	1.10%	0.111%
21	9.033	1177	1181	1183	rBV2	49127	57440	1.53%	0.154%
22	9.092	1188	1191	1197	rVV	291509	256186	6.83%	0.686%
23	9.157	1197	1202	1204	rVV2	28422	38429	1.02%	0.103%
24	9.227	1211	1214	1223	rVB	2920937	2811343	74.95%	7.525%
25	9.292	1223	1225	1228	rVB	49334	45671	1.22%	0.122%
26	9.333	1228	1232	1236	rBV	187780	166600	4.44%	0.446%
27	9.386	1237	1241	1254	rVB	224689	305596	8.15%	0.818%
28	9.569	1268	1272	1275	rBV2	32266	44396	1.18%	0.119%
29	9.616	1275	1280	1283	rVV4	53619	83531	2.23%	0.224%
30	9.645	1283	1285	1292	rVV3	83482	90604	2.42%	0.243%
31	9.704	1292	1295	1304	rVB	94226	107107	2.86%	0.287%
32	9.775	1304	1307	1312	rBV	74798	88389	2.36%	0.237%
33	9.827	1312	1316	1318	rBV	61945	56415	1.50%	0.151%
34	9.916	1323	1331	1339	rVB	1166406	1174721	31.32%	3.144%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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	10.116	1361	1365	1368	rBV4	35506	40396	1.08%	0.108%
36	10.222	1379	1383	1388	rBV6	41285	55686	1.48%	0.149%
37	10.304	1393	1397	1398	rVV	142584	164760	4.39%	0.441%
38	10.322	1398	1400	1405	rVV	1244883	1014059	27.04%	2.714%
39	10.374	1406	1409	1413	rVB2	73220	78257	2.09%	0.209%
40	10.527	1432	1435	1437	rBV	51910	48629	1.30%	0.130%
41	10.710	1462	1466	1473	rBV	1502875	1608110	42.87%	4.304%
42	10.804	1479	1482	1491	rVB2	99633	170323	4.54%	0.456%
43	10.904	1496	1499	1503	rBV	76259	76349	2.04%	0.204%
44	10.974	1508	1511	1515	rBV	66445	62939	1.68%	0.168%
45	11.169	1541	1544	1549	rBV6	37541	44199	1.18%	0.118%
46	11.251	1555	1558	1561	rBV	84207	90343	2.41%	0.242%
47	11.339	1570	1573	1577	rBV2	66316	61232	1.63%	0.164%
48	11.410	1581	1585	1588	rBV	941350	919914	24.53%	2.462%
49	11.433	1588	1589	1596	rVB2	190225	191941	5.12%	0.514%
50	11.486	1596	1598	1601	rBV	49229	56062	1.49%	0.150%
51	11.557	1606	1610	1613	rBV	953791	756569	20.17%	2.025%
52	11.610	1615	1619	1625	rBV3	99475	131657	3.51%	0.352%
53	11.674	1628	1630	1632	rBV	96203	85468	2.28%	0.229%
54	11.780	1646	1648	1652	rVB	84369	68910	1.84%	0.184%
55	11.921	1668	1672	1673	rBV2	118044	129953	3.46%	0.348%
56	11.957	1674	1678	1681	rVB	1662105	1404277	37.44%	3.759%
57	12.027	1687	1690	1692	rBV3	83019	101860	2.72%	0.273%
58	12.086	1697	1700	1702	rBV	119553	99306	2.65%	0.266%
59	12.163	1711	1713	1717	rVB	69048	60684	1.62%	0.162%
60	12.227	1722	1724	1732	rVB5	74398	128171	3.42%	0.343%
61	12.368	1745	1748	1750	rBV2	42558	39622	1.06%	0.106%
62	12.433	1756	1759	1762	rBV	85718	80207	2.14%	0.215%
63	12.474	1762	1766	1769	rVB2	151776	152195	4.06%	0.407%
64	12.557	1777	1780	1782	rBV4	50842	69996	1.87%	0.187%
65	12.633	1788	1793	1796	rBV	260889	313913	8.37%	0.840%
66	12.845	1826	1829	1831	rBV2	291998	328265	8.75%	0.879%
67	12.998	1850	1855	1858	rBV	1852405	1846778	49.24%	4.943%
68	13.204	1886	1890	1893	rVB2	381226	373681	9.96%	1.000%
69	13.545	1945	1948	1952	rBV	344764	308277	8.22%	0.825%
70	13.874	2001	2004	2010	rVB	363027	359625	9.59%	0.963%
71	14.015	2025	2028	2032	rBV	93476	83615	2.23%	0.224%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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

72	14.068	2032	2037	2040	rBV2	663047	772339	20.59%	2.067%
73	14.092	2040	2041	2045	rVB	129439	87532	2.33%	0.234%
74	14.198	2056	2059	2061	rVB	120818	108975	2.91%	0.292%
75	15.580	2291	2294	2306	rVB	288704	418192	11.15%	1.119%

Sum of corrected areas: 37361337

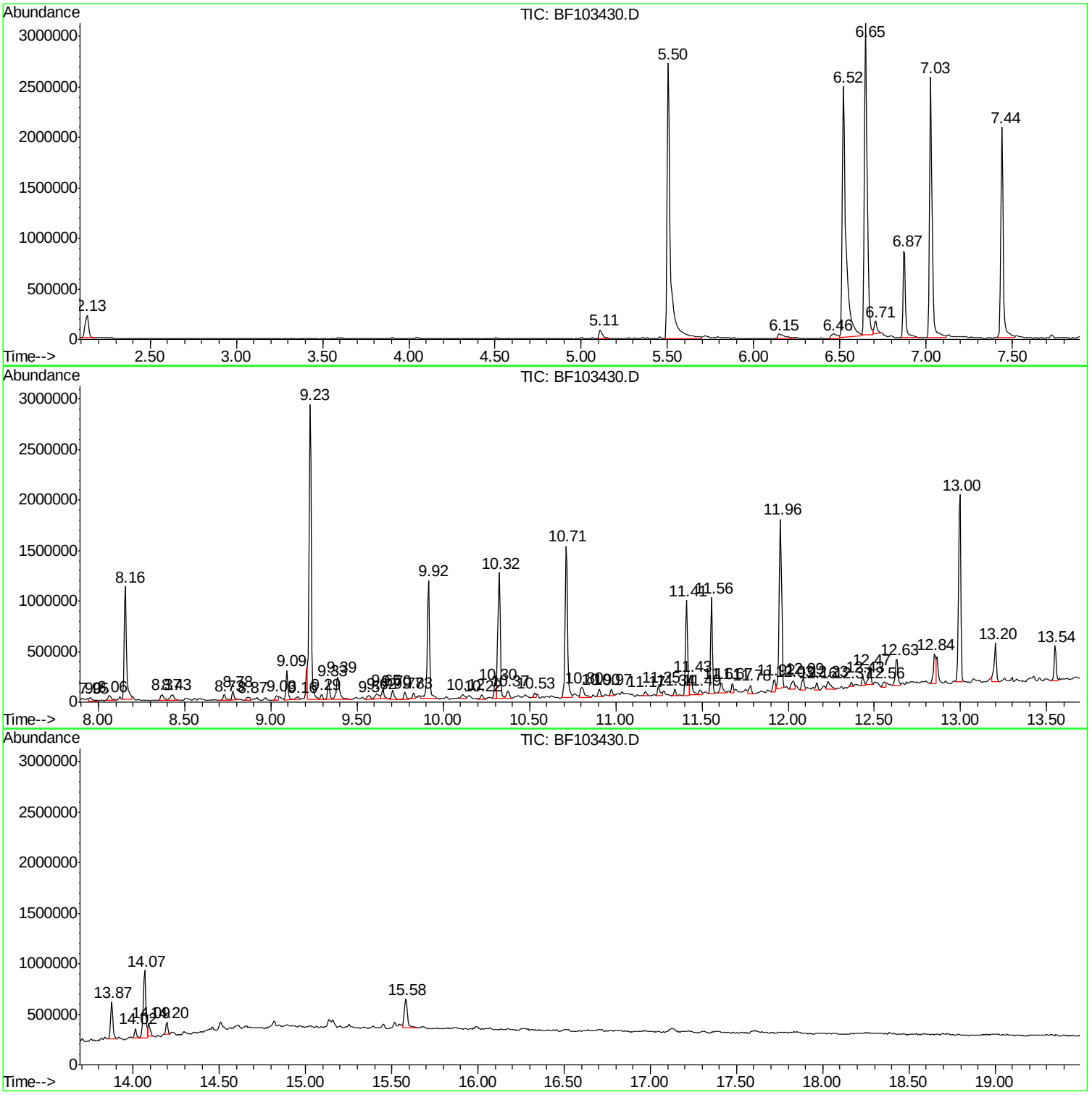
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

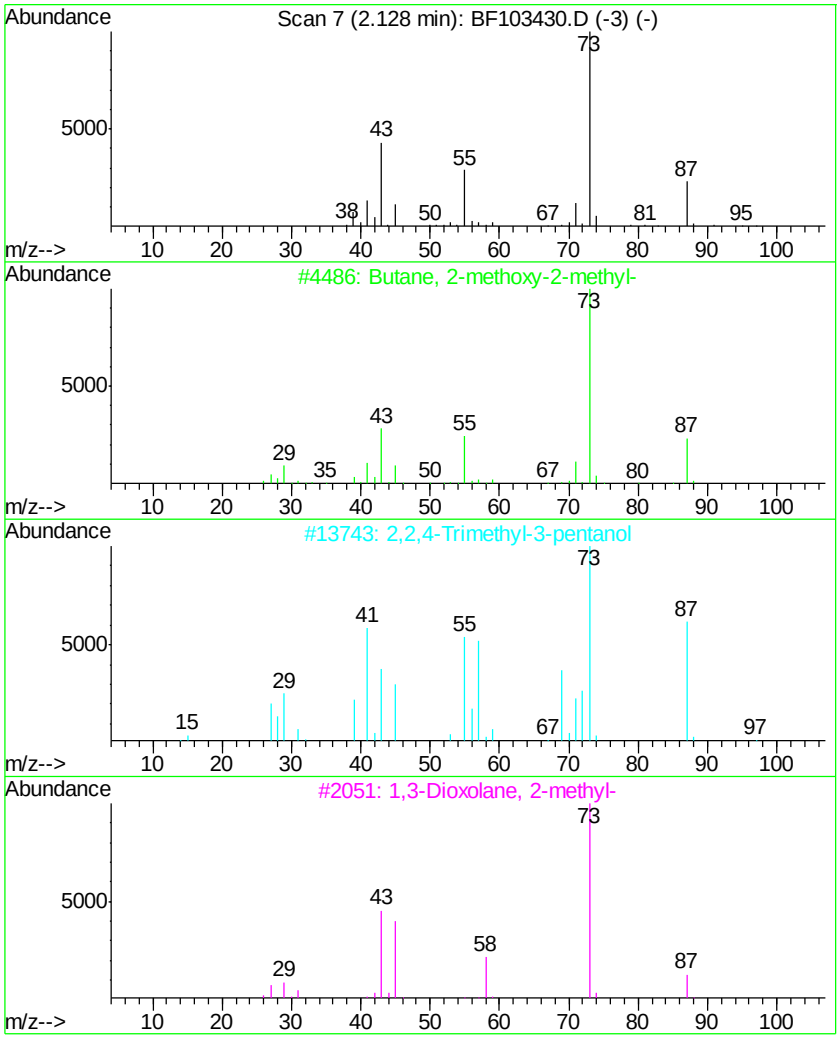
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

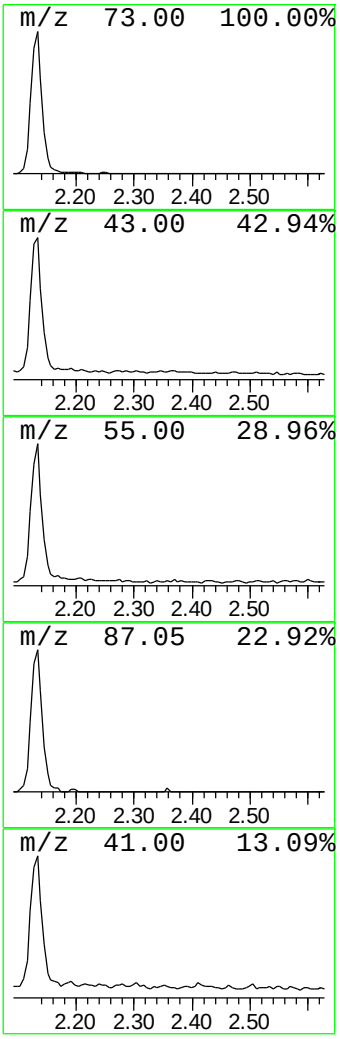
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	6.38 ng	299726	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

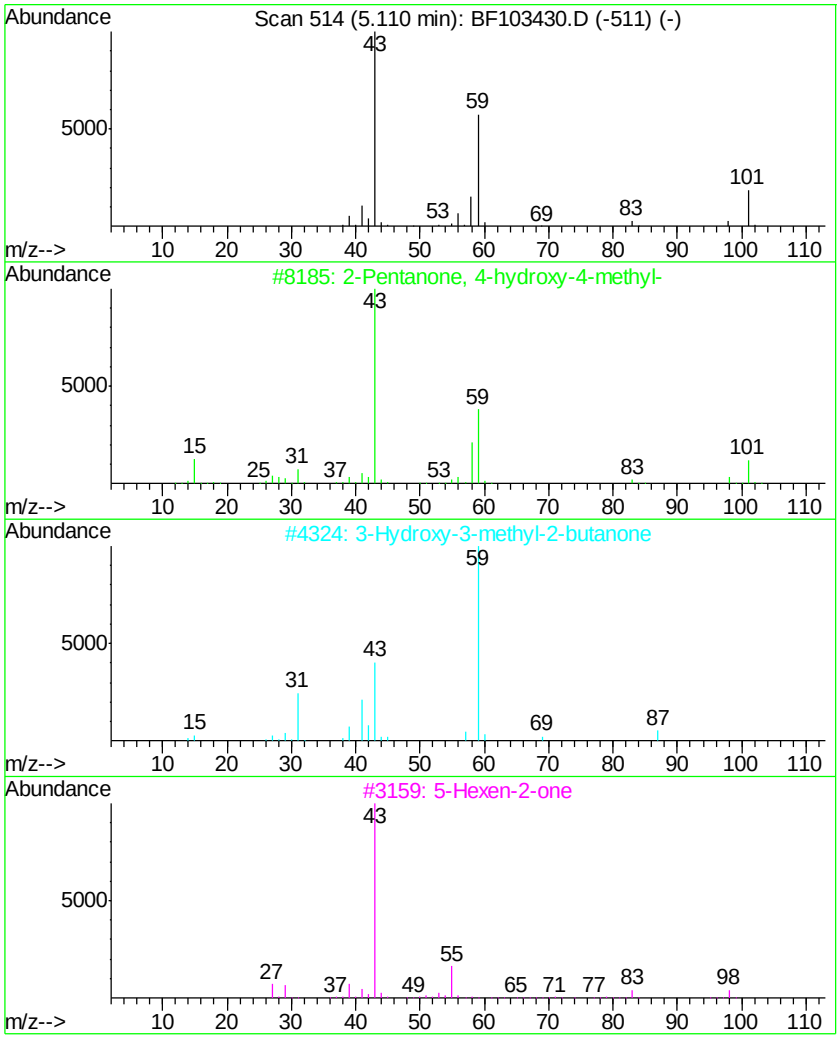
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

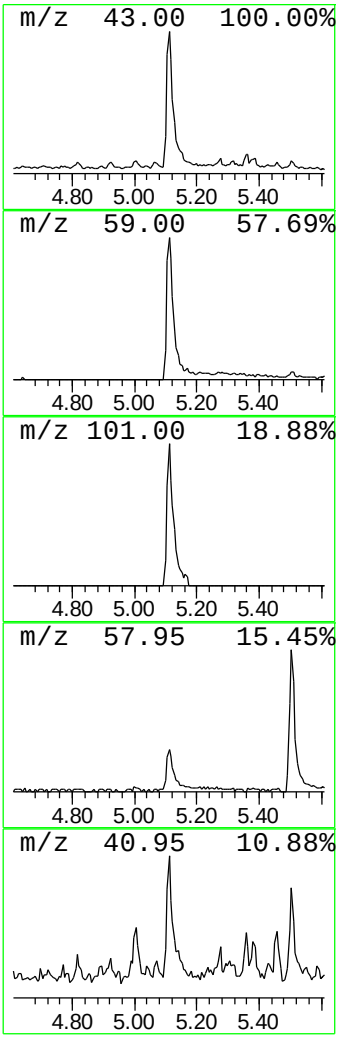
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.83 ng	133095	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	42
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

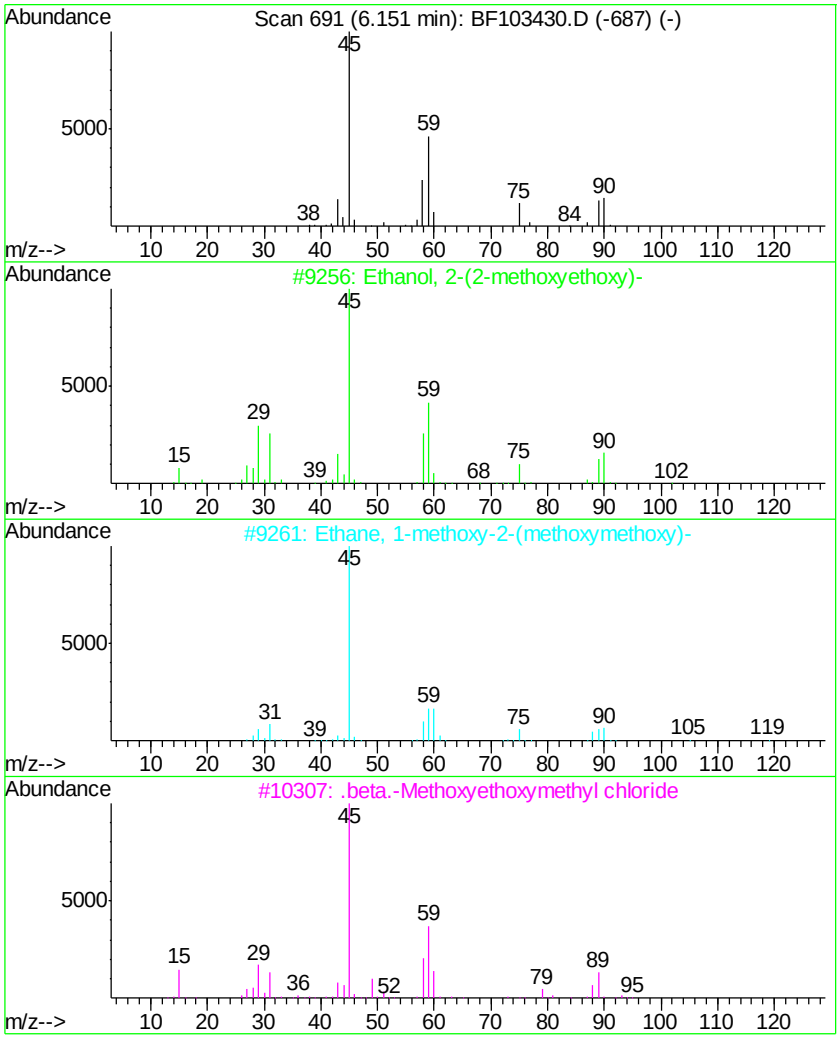
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

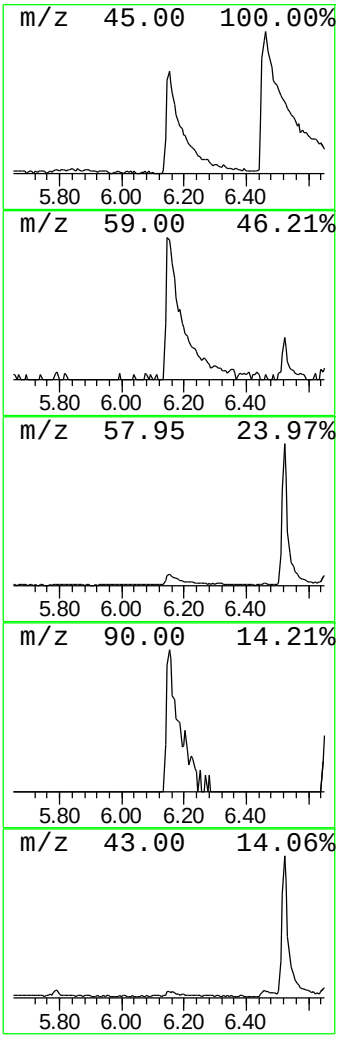
****

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	3.14 ng	147378	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	64
3	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	50
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
5	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	36





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

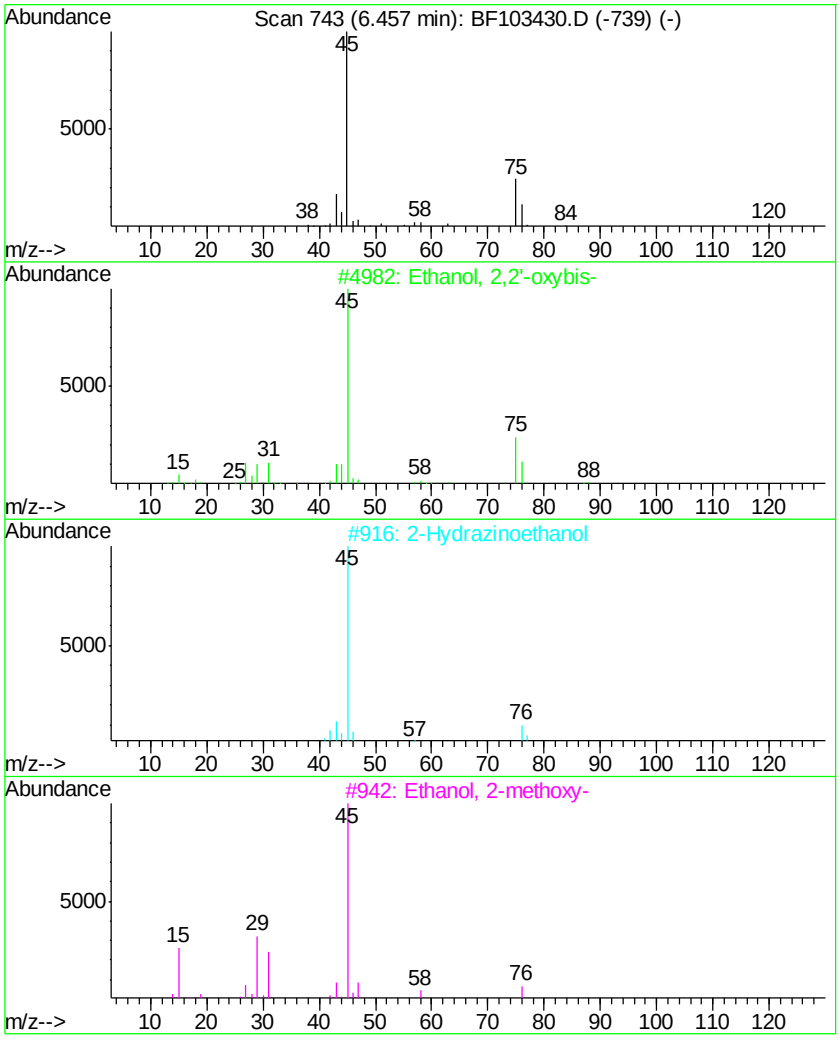
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

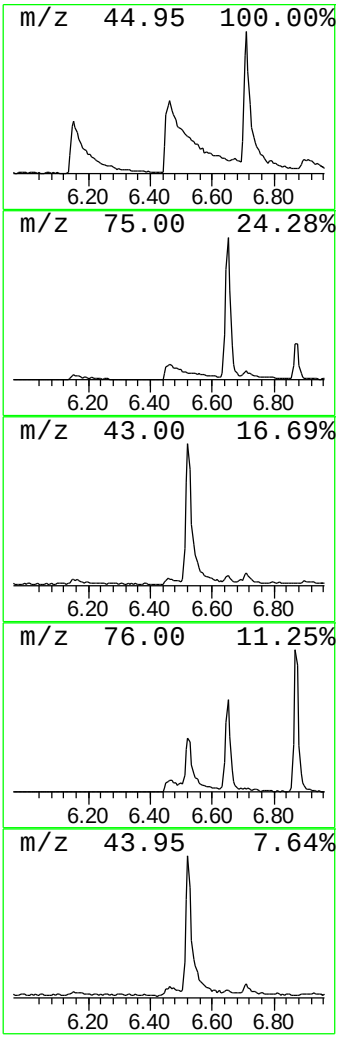
****

Peak Number 4 Ethanol, 2,2'-oxybis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	2.38 ng	111880	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
3	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
4	1,2,4-Trioxolane	76	C2H4O3	000289-14-5	9
5	1,2-Propanediol, 3-methoxy-	106	C4H10O3	000623-39-2	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

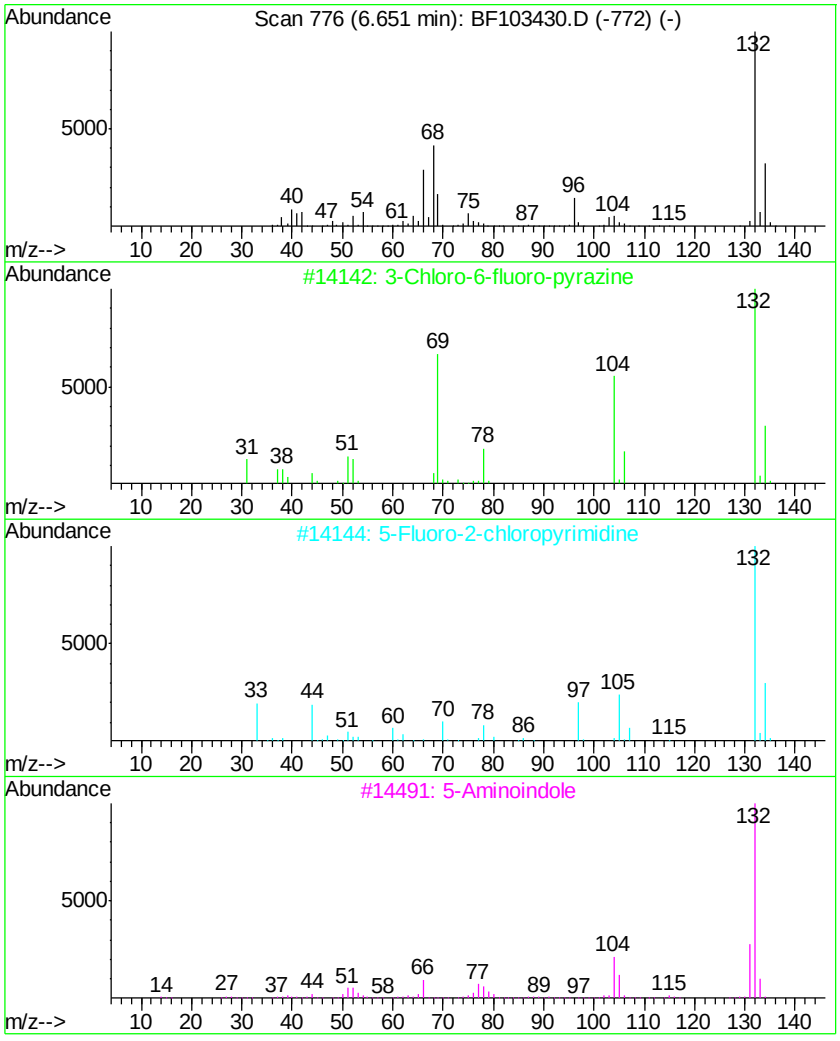
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

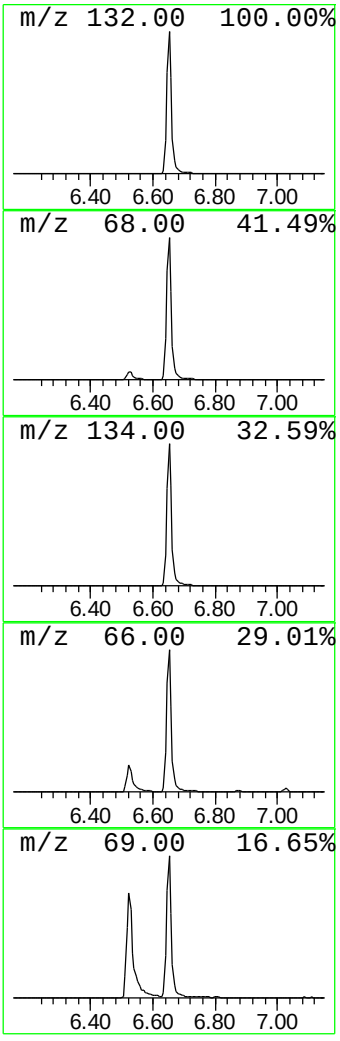
****

Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.42 ng	3353340	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

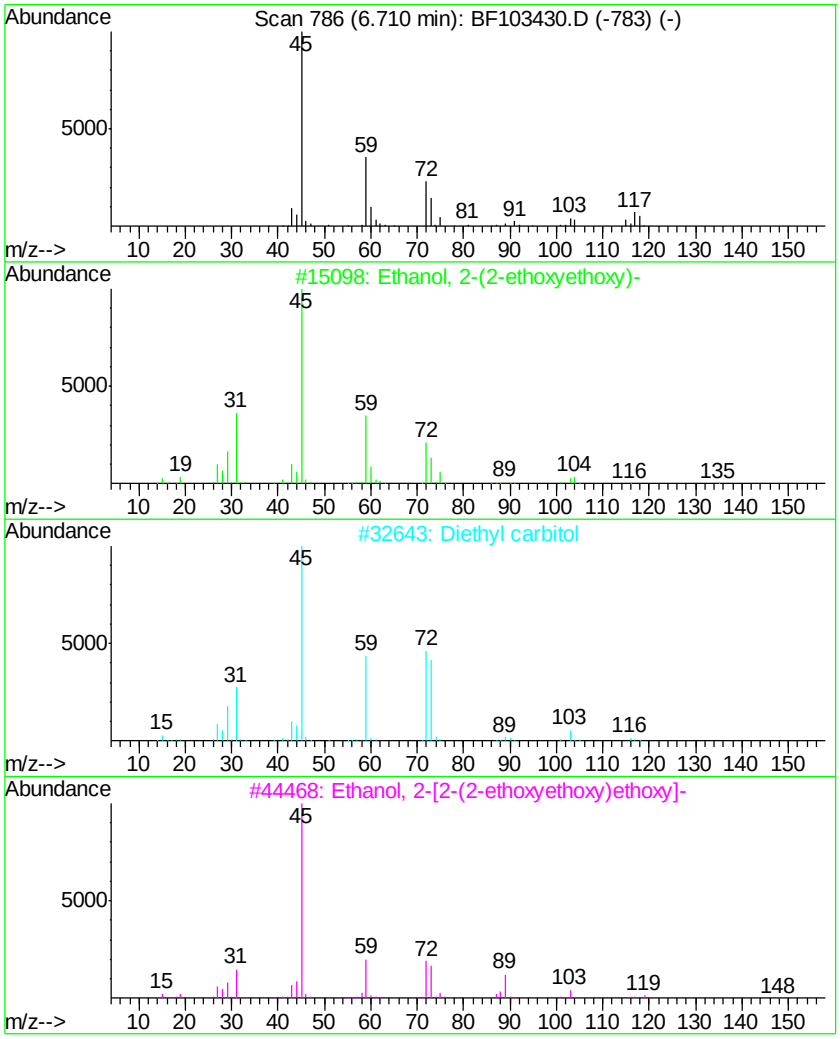
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

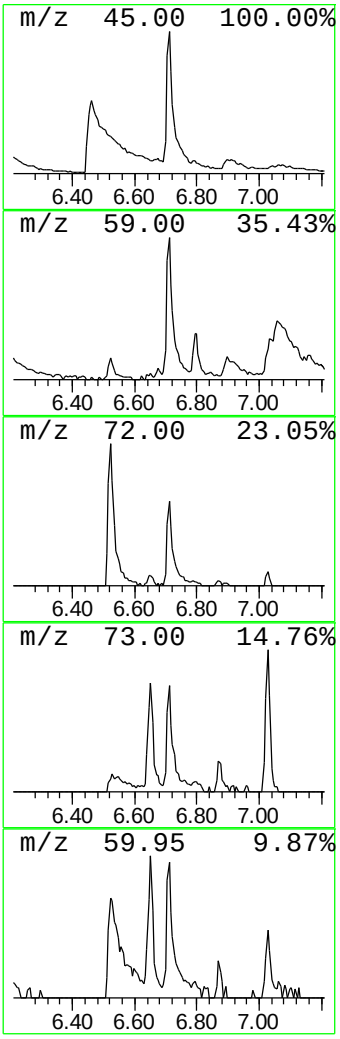
****

Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	3.18 ng	149270	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
2	Diethyl carbitol	162	C8H18O3	000112-36-7	50
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	Ethane, 1-isothiocyanato-2-methoxy-	117	C4H7NOS	038663-85-3	42
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	40





Library Search Compound Report

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Sample : J1778-06
Misc :
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ClientSampleId : TP-5

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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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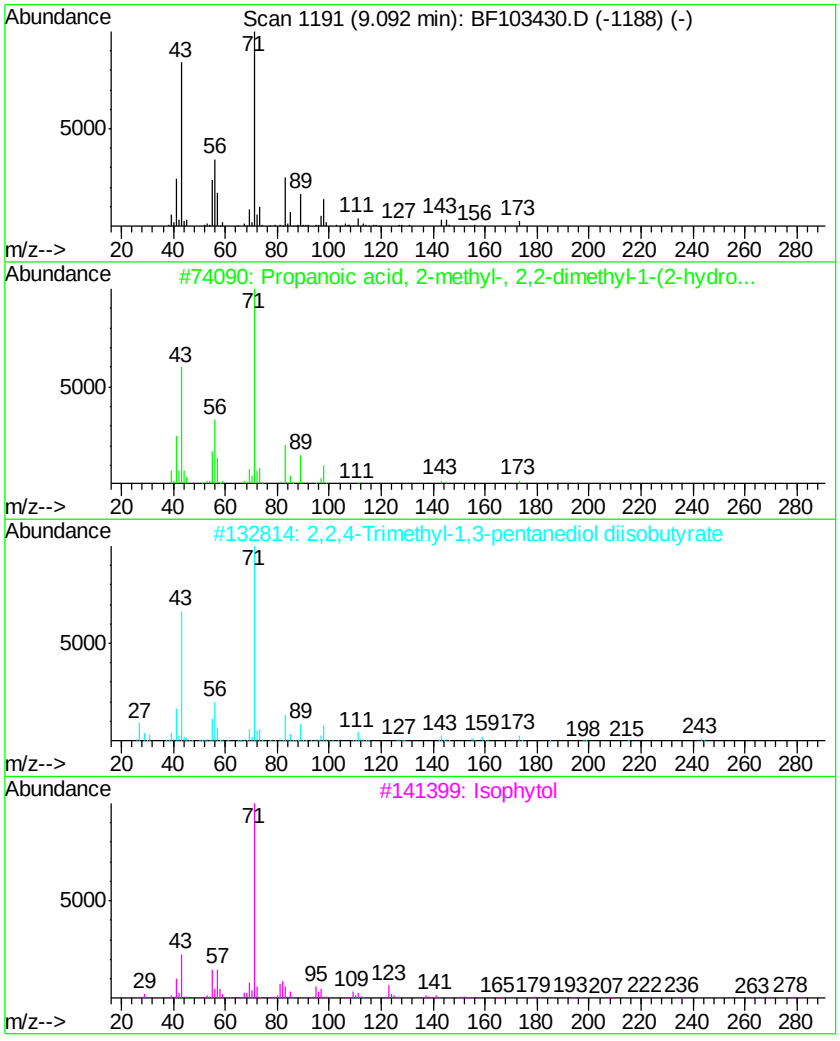
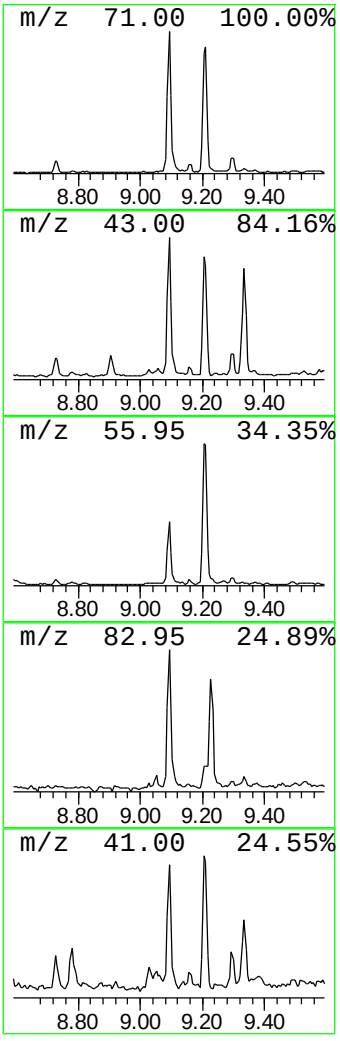
Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.36 ng	256186	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	90
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
3	Isophytol	296	C20H40O	000505-32-8	43
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	38





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ClientSampleId : TP-5

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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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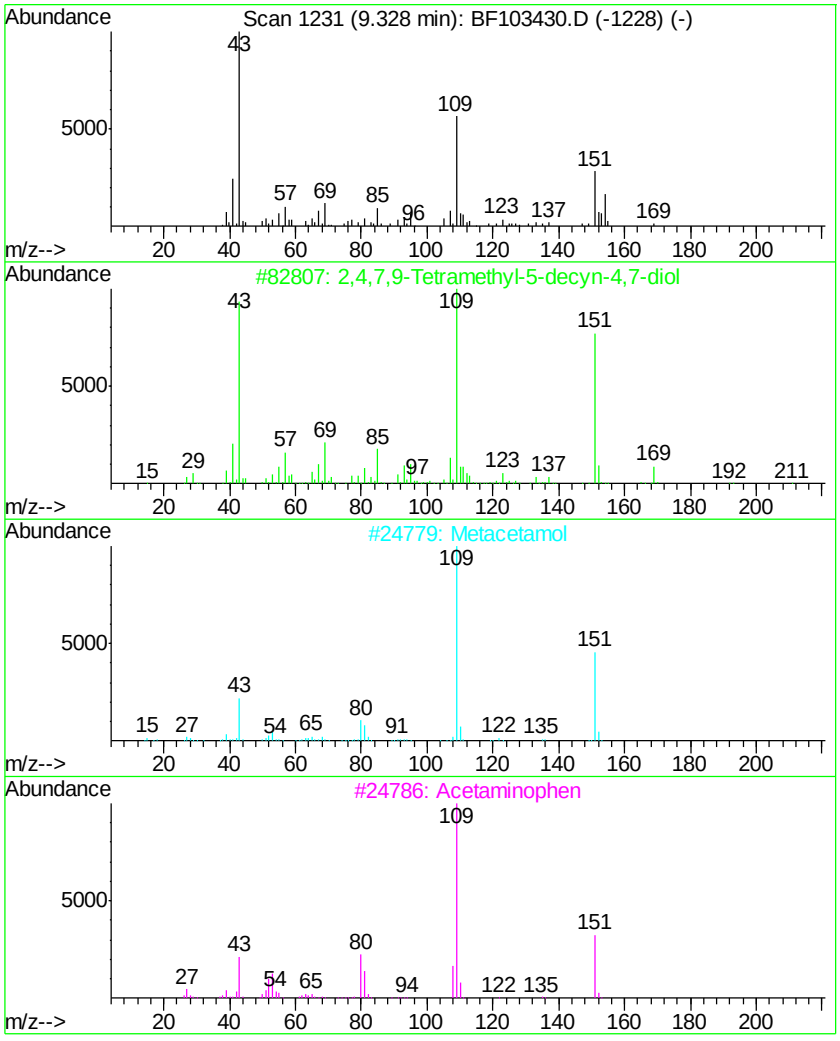
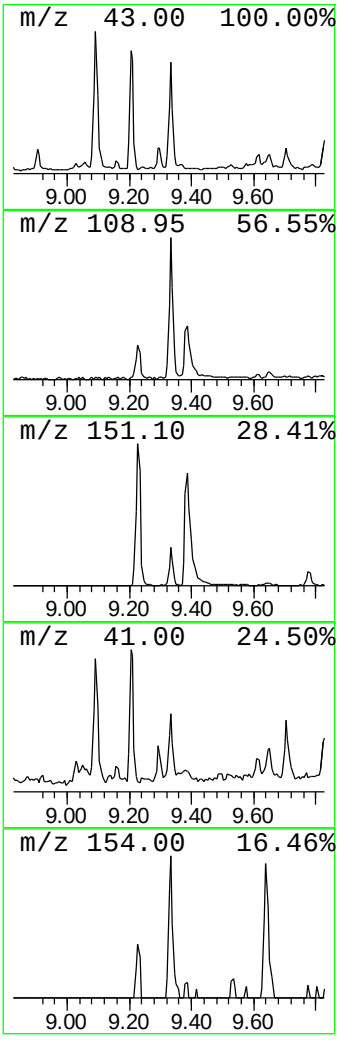
Peak Number 9 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.84 ng	166600	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	Metacetamol	151	C8H9NO2	000621-42-1	46
3	Acetaminophen	151	C8H9NO2	000103-90-2	43
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43
5	(4-Fluorophenyl) methanol, ethyl...	154	C9H11FO	1000374-63-4	43





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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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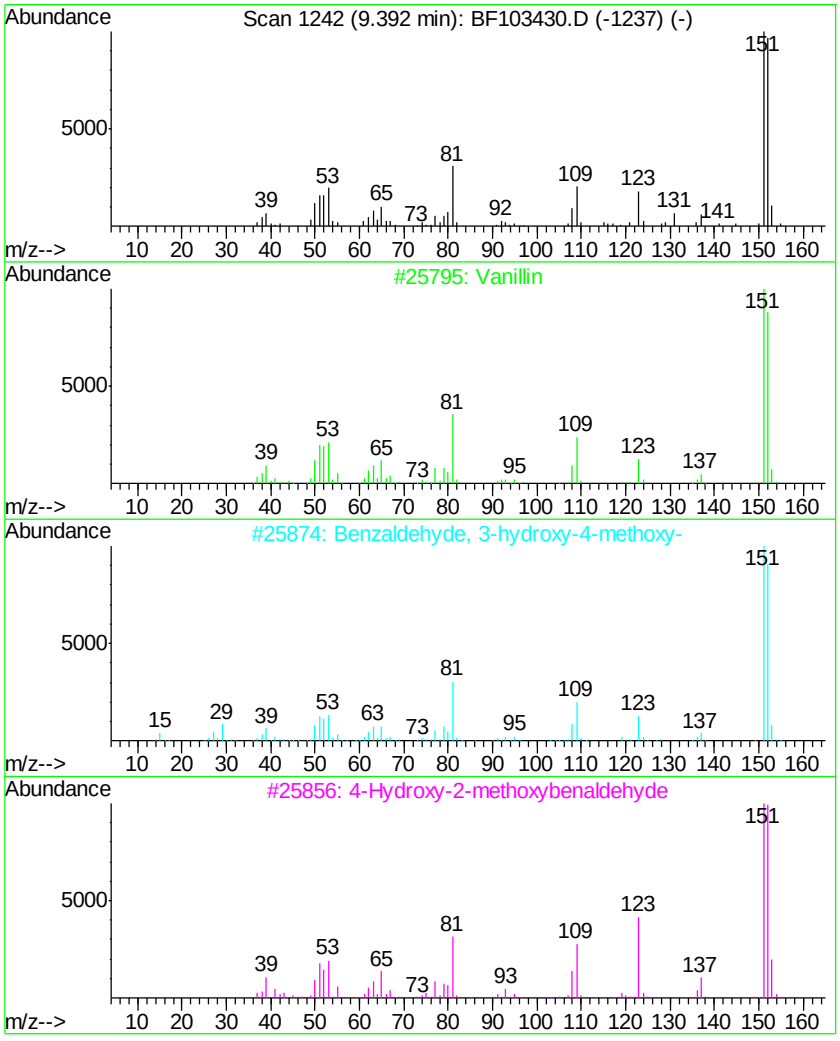
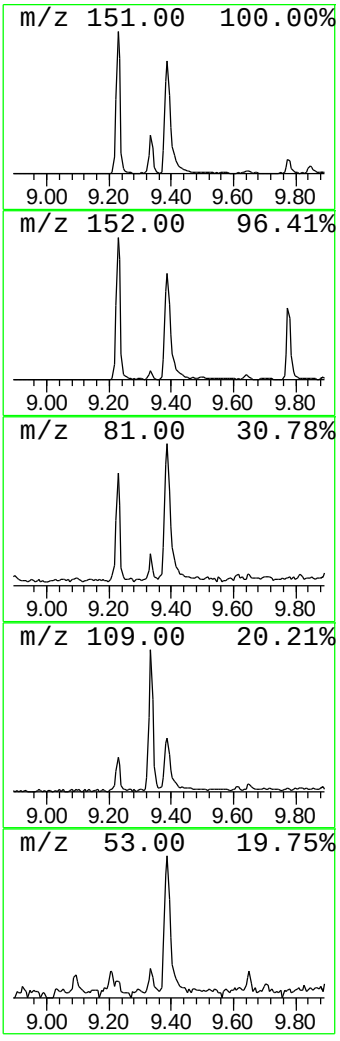
Peak Number 10 Vanillin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	5.20 ng	305596	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
3	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	87
4	Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	64
5	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	53





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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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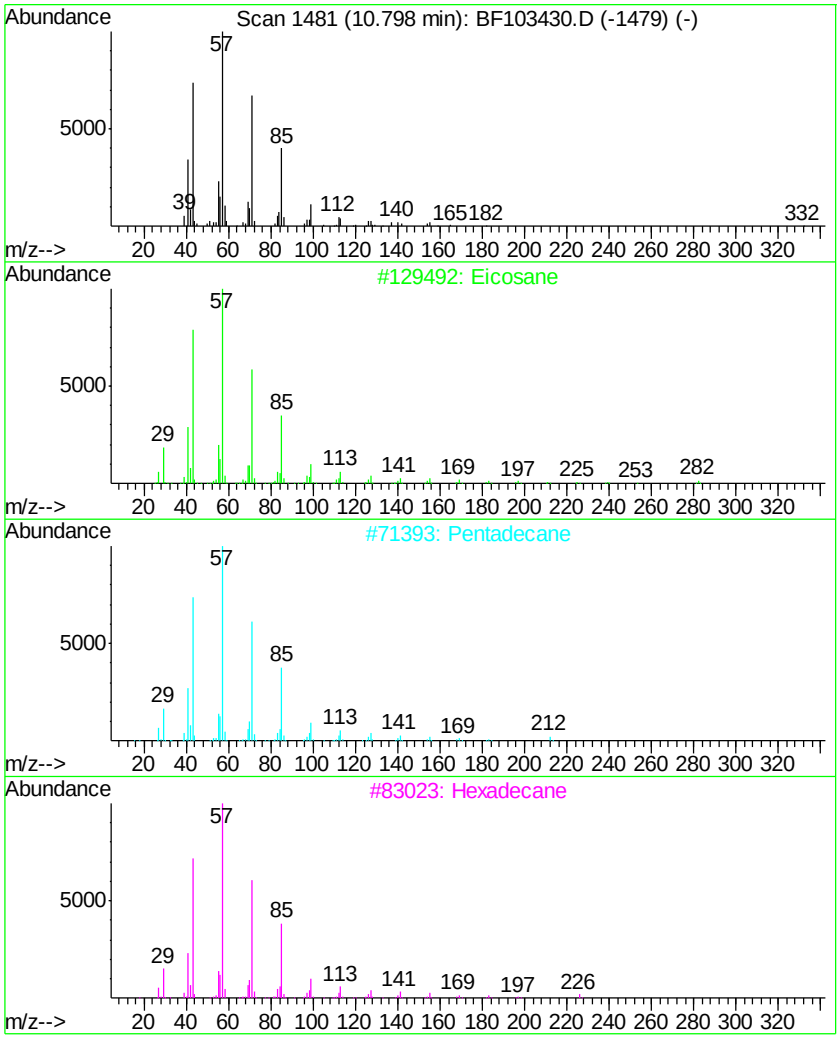
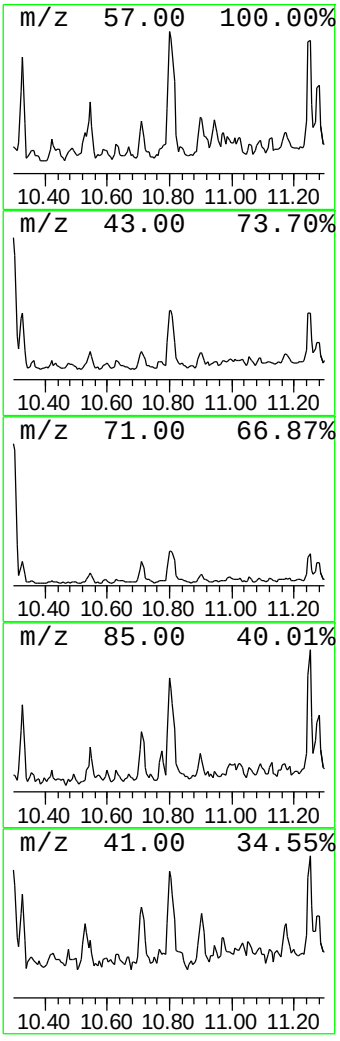
Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.70 ng	170323	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	Pentadecane	212	C15H32	000629-62-9	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Octacosane	394	C28H58	000630-02-4	64





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

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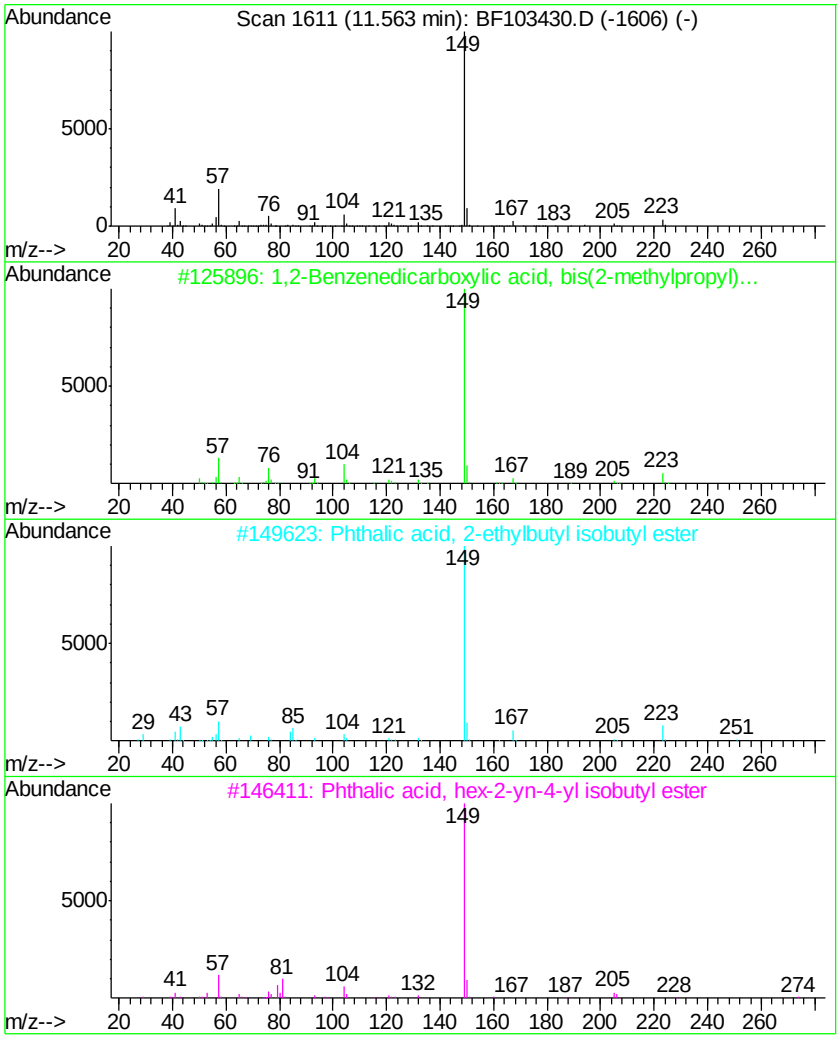
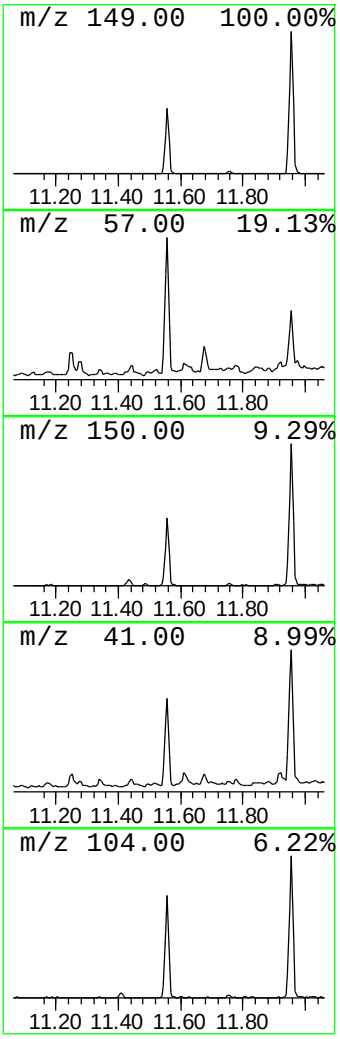
Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	16.45 ng	756569	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
2	Phthalic acid, 2-ethylbutyl isob...	306	C18H26O4	1000356-88-9	78
3	Phthalic acid, hex-2-yn-4-yl iso...	302	C18H22O4	1000315-19-9	78
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
5	Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	78





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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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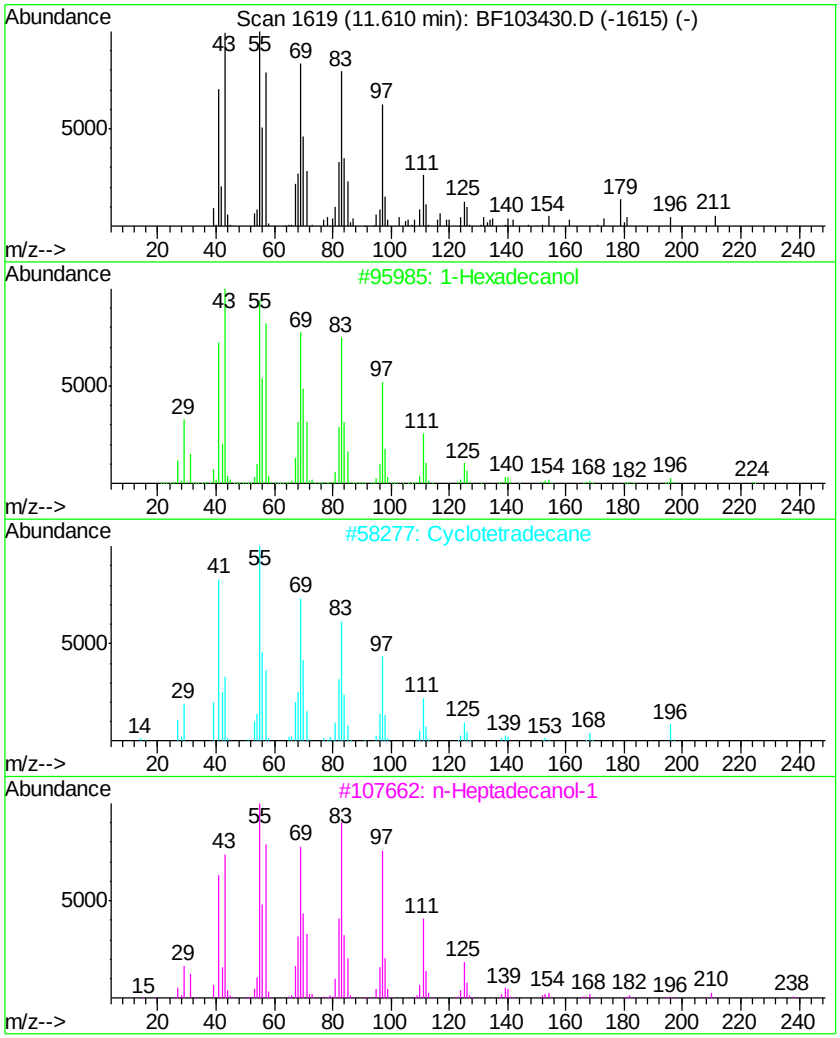
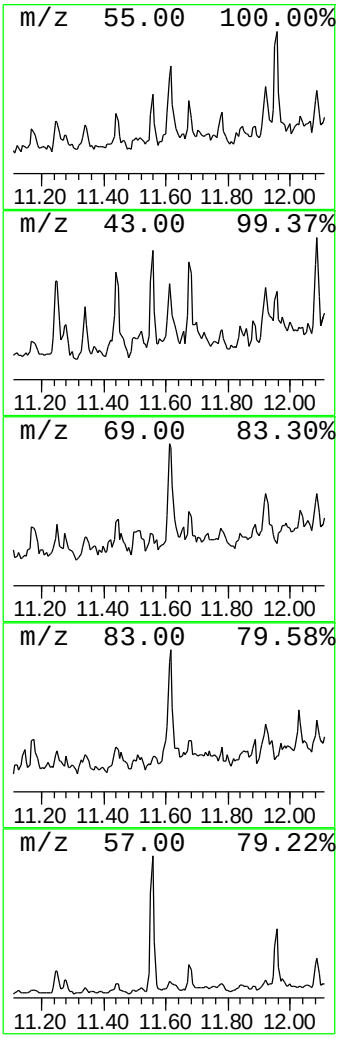
Peak Number 13 1-Hexadecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.86 ng	131657	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	Cyclotetradecane	196	C14H28	000295-17-0	94
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	1-Tetradecanol	214	C14H30O	000112-72-1	90





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Misc :
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ClientSampleId : TP-5

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

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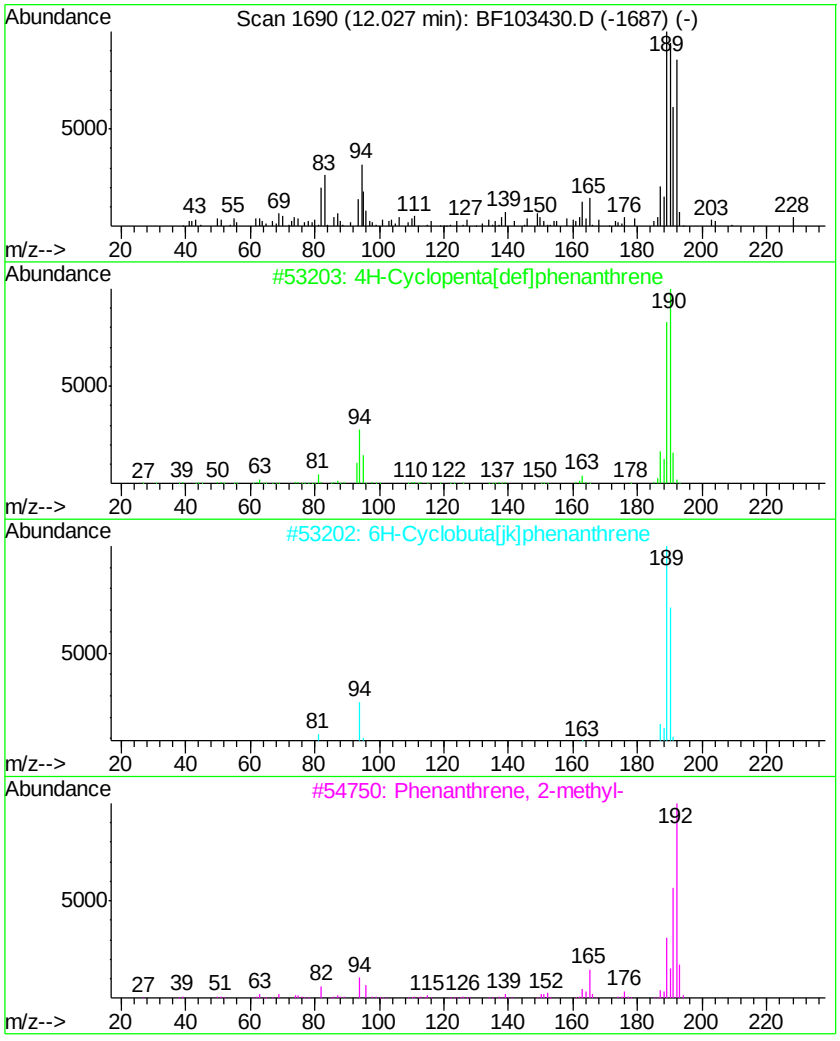
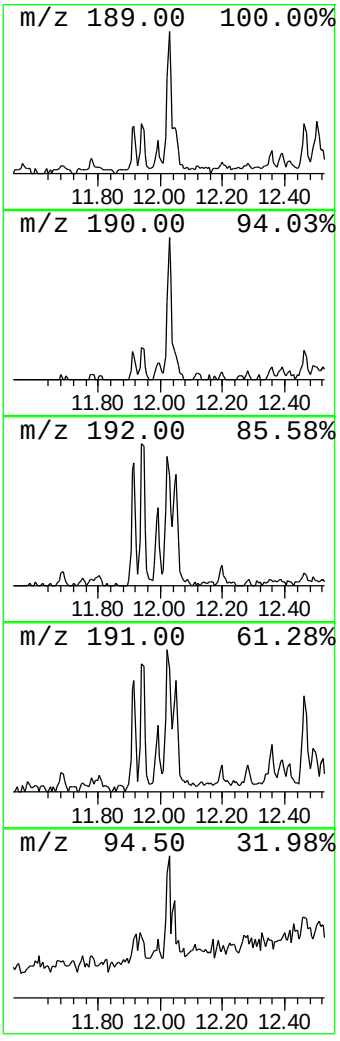
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.21 ng	101860	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	2-Bromo-5-fluorophenol	190	C6H4BrFO	147460-41-1	35
5	5-Bromofuroic acid	190	C5H3BrO3	000585-70-6	35





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

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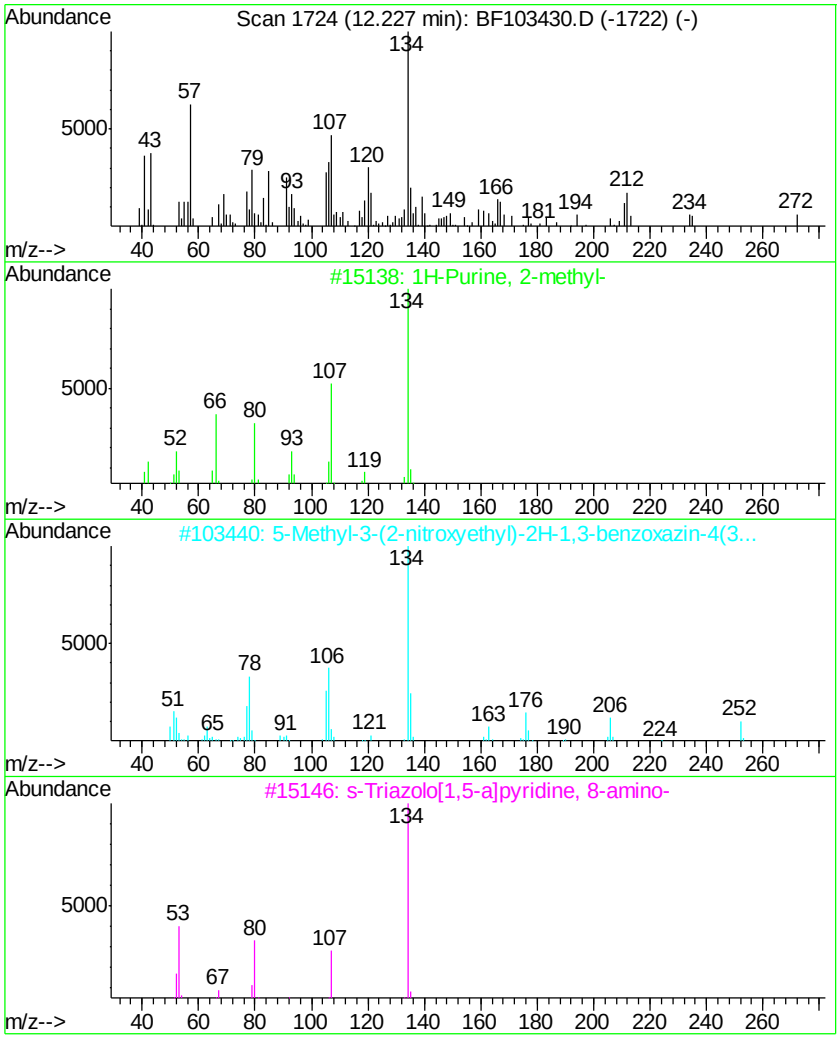
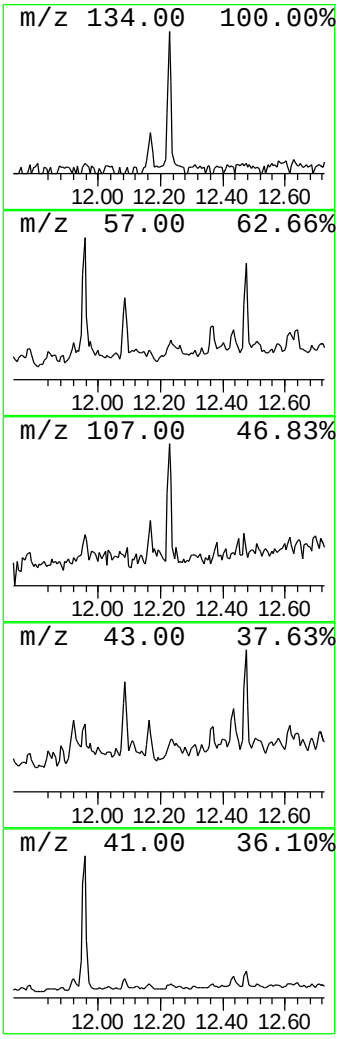
Peak Number 15 unknown12.23 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.79 ng	128171	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Purine, 2-methyl-	134	C6H6N4	000934-23-6	49
2	5-Methyl-3-(2-nitroxyethyl)-2H-1...	252	C11H12N2O5	159432-30-1	43
3	s-Triazolo[1,5-a]pyridine, 8-amino-	134	C6H6N4	031052-95-6	43
4	4-t-Butylbenzeneamine	149	C10H15N	000769-92-6	38
5	Pyridine, 3-(4-methyl-5-trans-ph...	240	C15H16N2O	1000142-75-2	38





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

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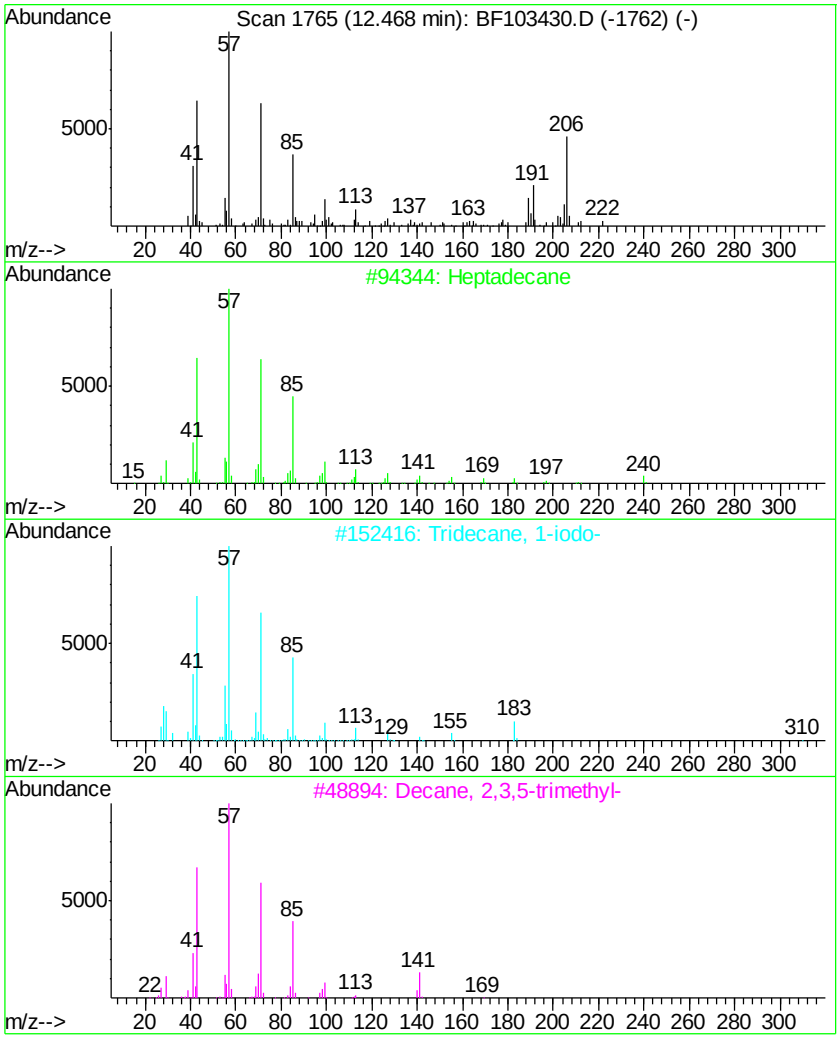
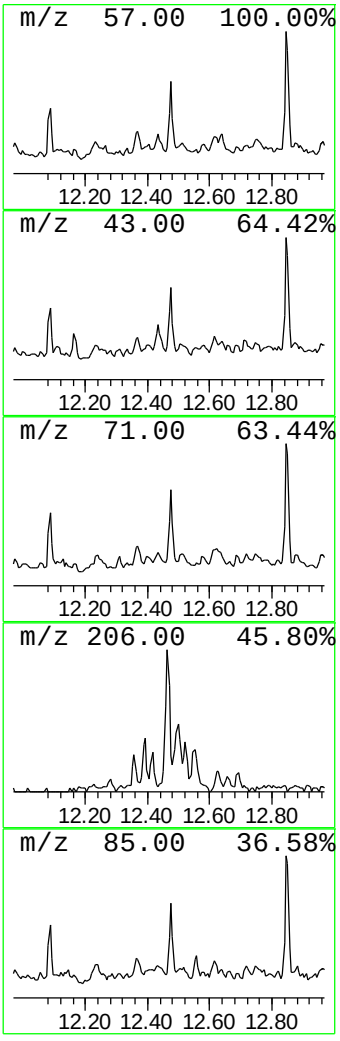
Peak Number 16 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.31 ng	152195	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52





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TIC Library : C:\DATABASE\NIST11.L
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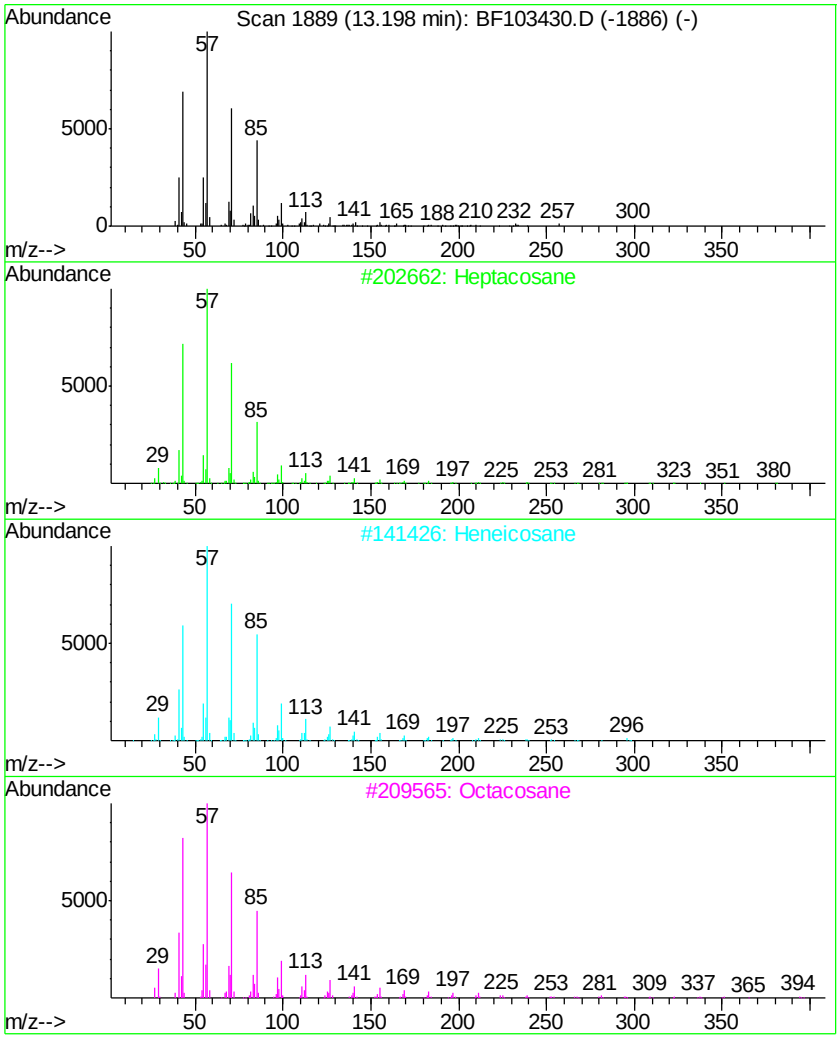
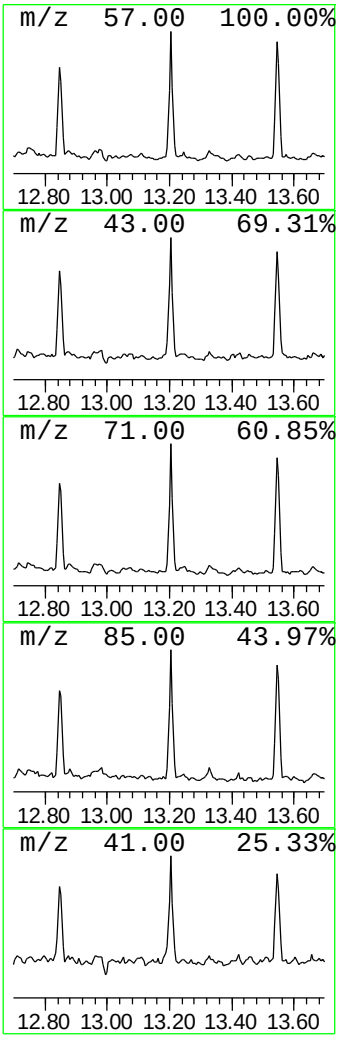
Peak Number 17 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	9.68 ng	373681	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Nonadecane	268	C19H40	000629-92-5	86





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

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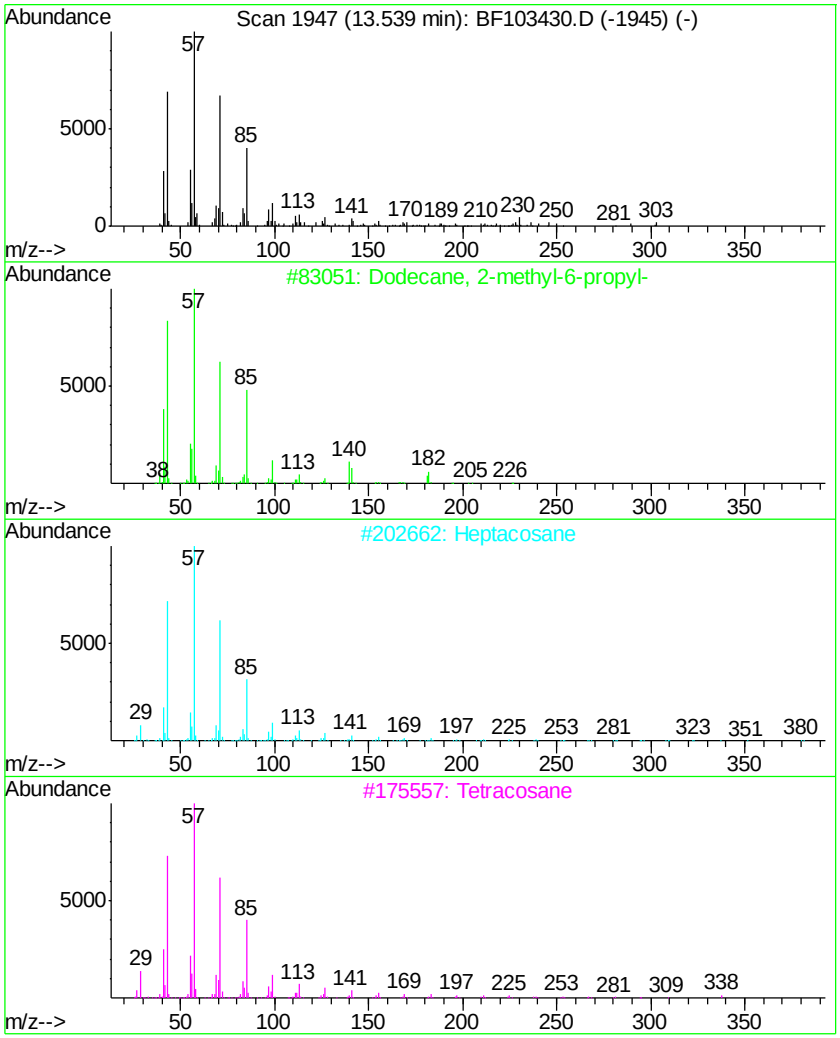
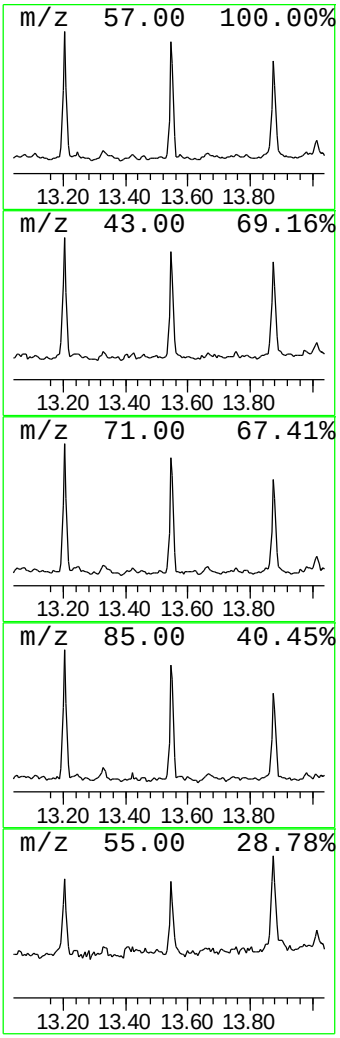
Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	7.98 ng	308277	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87





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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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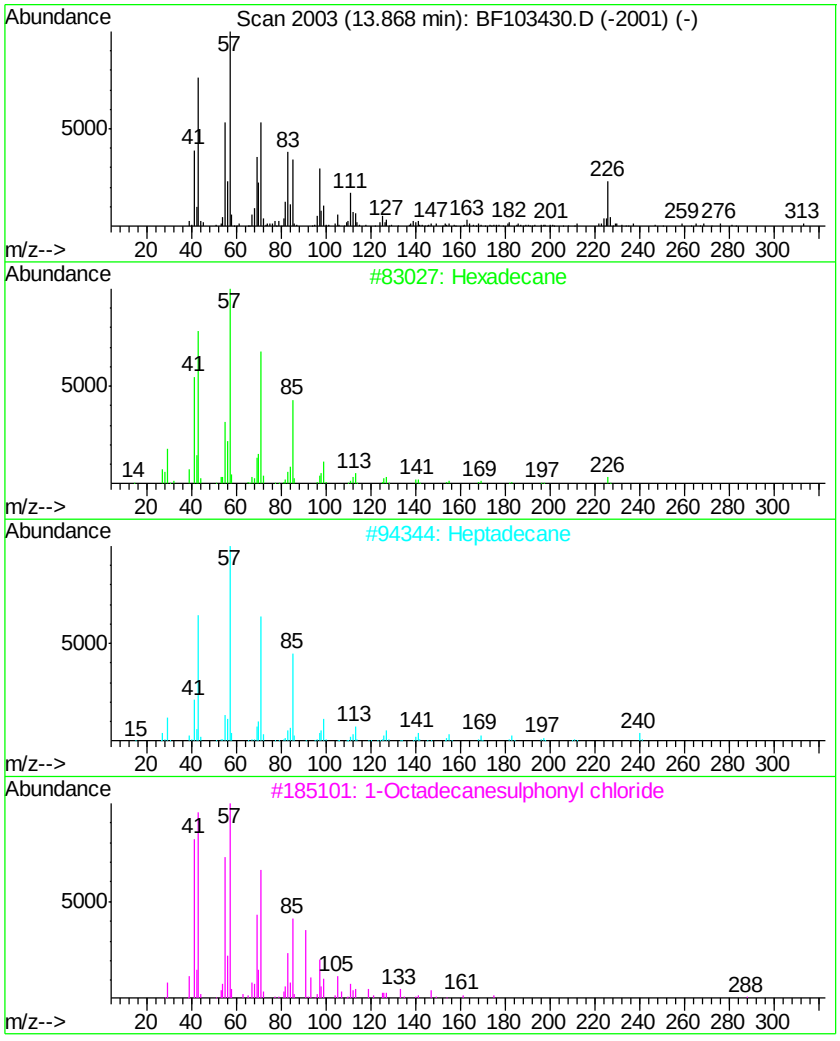
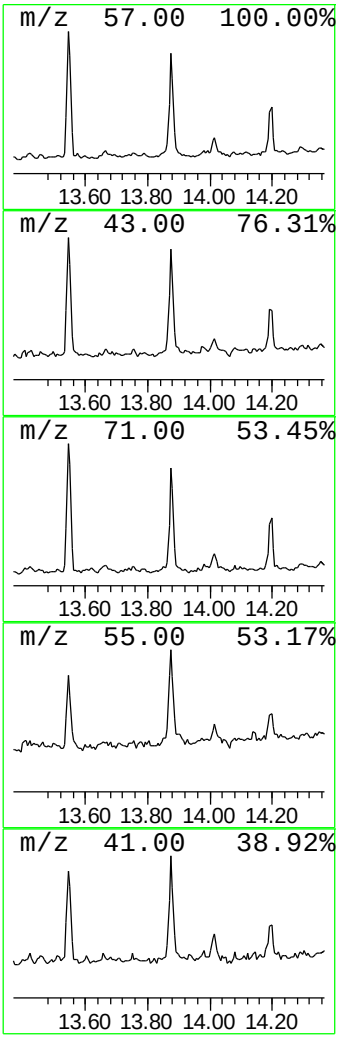
Peak Number 19 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.31 ng	359625	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Heptadecane	240	C17H36	000629-78-7	83
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	76
5	Pentadecane	212	C15H32	000629-62-9	68





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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
Butane, 2-methoxy...	2.13	6.4	ng	299726	1	6.87	939097	20.0
2-Pentanone, 4-hy...	5.11	2.8	ng	133095	1	6.87	939097	20.0
Ethanol, 2-(2-met...	6.15	3.1	ng	147378	1	6.87	939097	20.0
Ethanol, 2,2'-oxy...	6.46	2.4	ng	111880	1	6.87	939097	20.0
unknown6.65	6.65	71.4	ng	3353340	1	6.87	939097	20.0
Ethanol, 2-(2-eth...	6.71	3.2	ng	149270	1	6.87	939097	20.0
Propanoic acid, 2...	9.09	4.4	ng	256186	3	9.92	1174720	20.0
2,4,7,9-Tetrameth...	9.33	2.8	ng	166600	3	9.92	1174720	20.0
Vanillin	9.39	5.2	ng	305596	3	9.92	1174720	20.0
Eicosane	10.80	3.7	ng	170323	4	11.41	919914	20.0
1,2-Benzenedicarb...	11.56	16.4	ng	756569	4	11.41	919914	20.0
1-Hexadecanol	11.61	2.9	ng	131657	4	11.41	919914	20.0
4H-Cyclopenta[def...	12.03	2.2	ng	101860	4	11.41	919914	20.0
unknown12.23	12.23	2.8	ng	128171	4	11.41	919914	20.0
Heptadecane	12.47	3.3	ng	152195	4	11.41	919914	20.0
Heptacosane	13.20	9.7	ng	373681	5	14.07	772339	20.0
Dodecane, 2-methy...	13.54	8.0	ng	308277	5	14.07	772339	20.0
Hexadecane	13.87	9.3	ng	359625	5	14.07	772339	20.0