LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103873.D
Acq On : 23 Mar 2018 12:08
Operator : JU/SJ
Sample : J1990-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELL-A

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-BF031518.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	2.328	33	41	48	rVB	444988	591254	12.05%	1.679%
2	5.210	526	531	541	rVB	364092	474754	9.67%	1.348%
3	5.598	592	597	600	rBV	2708570	2709065	55.21%	7.693%
4	6.593	761	766	769	rBV	2315032	2094927	42.69%	5.949%
5	6.745	787	792	795	rBV	3576017	3460439	70.52%	9.827%
6	6.975	827	831	834	rBV	917133	811396	16.54%	2.304%
7	7.128	853	857	861	rBV	3113858	3038681	61.92%	8.629%
8	7.534	921	926	929	rBV	2232992	2477174	50.48%	7.034%
9	8.251	1044	1048	1052	rBV	1185483	1093423	22.28%	3.105%
10	9.328	1226	1231	1235	rBV	4268822	4456811	90.82%	12.656%
11	9.716	1292	1297	1300	rBV	67622	63676	1.30%	0.181%
12	9.928	1329	1333	1337	rVB	64811	54640	1.11%	0.155%
13	10.016	1343	1348	1354	rVB	1360482	1287840	26.24%	3.657%
14	10.428	1412	1418	1421	rBV	84394	79408	1.62%	0.225%
15	10.645	1451	1455	1458	rBV	60231	79103	1.61%	0.225%
16	10.810	1478	1483	1486	rBV	2766187	2779715	56.65%	7.894%
17	10.916	1496	1501	1504	rBV	124415	171032	3.49%	0.486%
18	11.380	1577	1580	1587	rVB2	123019	142740	2.91%	0.405%
19	11.510	1598	1602	1605	rBV	1419943	1326567	27.03%	3.767%
20	13.098	1867	1872	1876	rVB	4221393	4907063	100.00%	13.934%
21	13.974	2017	2021	2026	rBV	299561	279951	5.71%	0.795%
22	14.163	2048	2053	2056	rBV	1423966	1395109	28.43%	3.962%
23	15.016	2195	2198	2202	rVB	57815	55705	1.14%	0.158%
24	15.704	2309	2315	2327	rVB	959733	1262981	25.74%	3.586%
25	16.221	2399	2403	2412	rBV4	28219	55091	1.12%	0.156%
26	16.986	2527	2533	2542	rVB5	31464	66668	1.36%	0.189%

Sum of corrected areas: 35215213

LSC Report - Integrated Chromatogram

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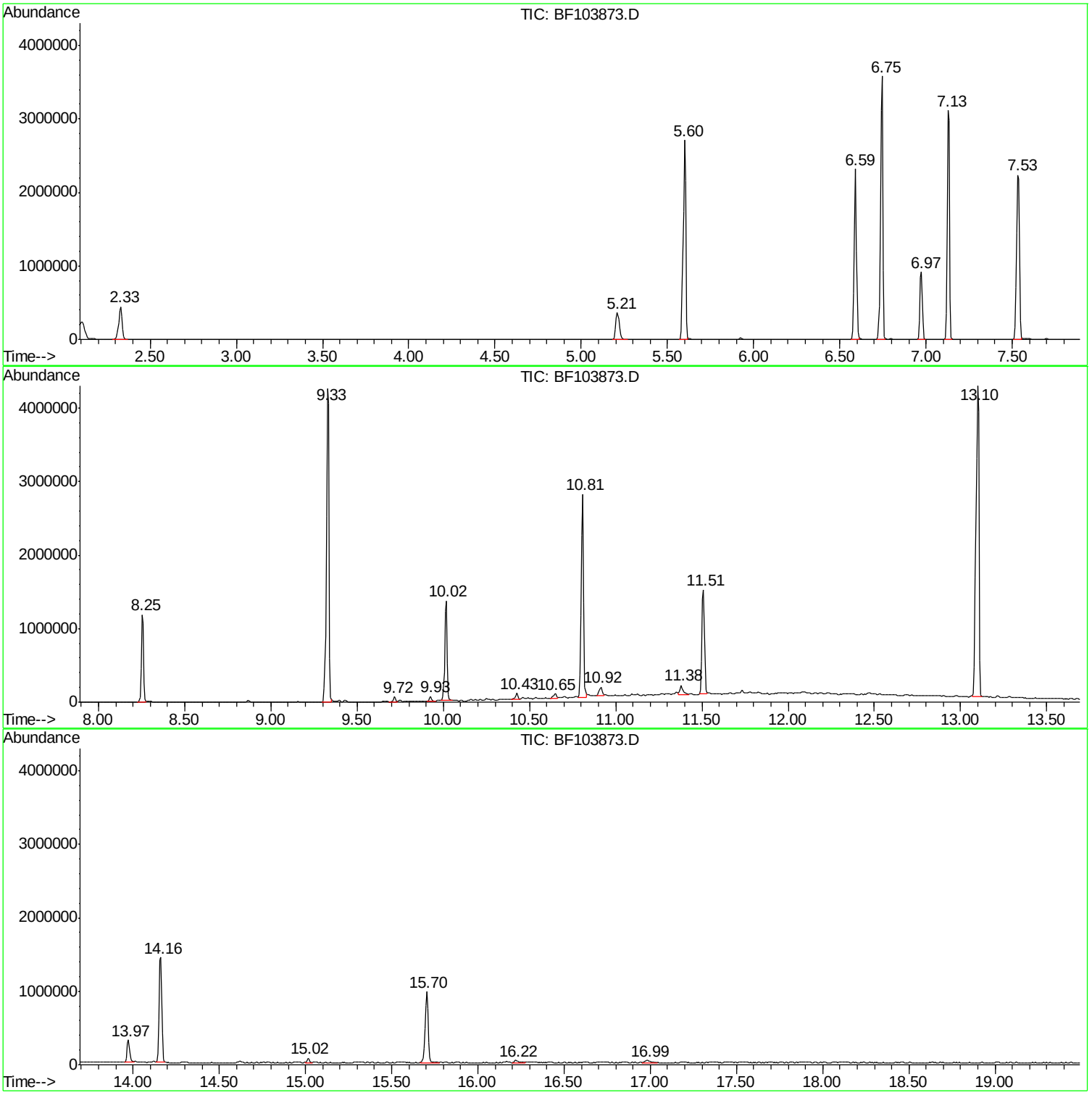
Instrument : BNA_F
ClientSampleId : WELL-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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

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TIC Library : C:\DATABASE\NIST11.L
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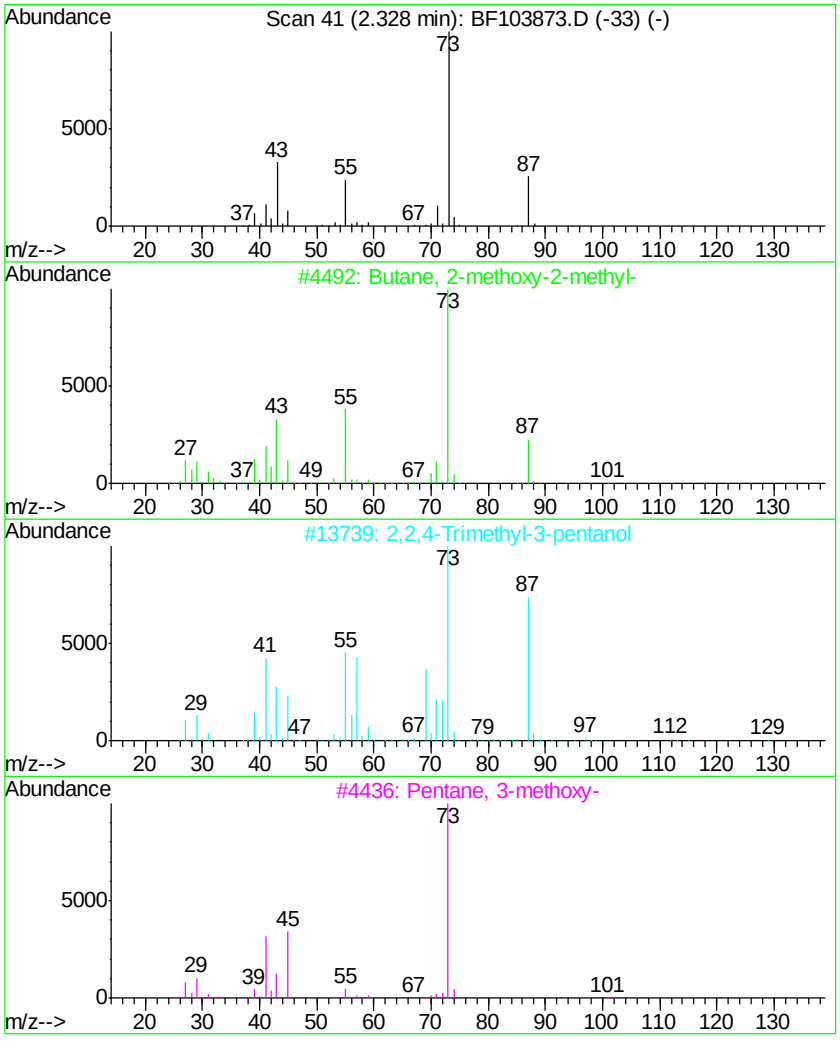
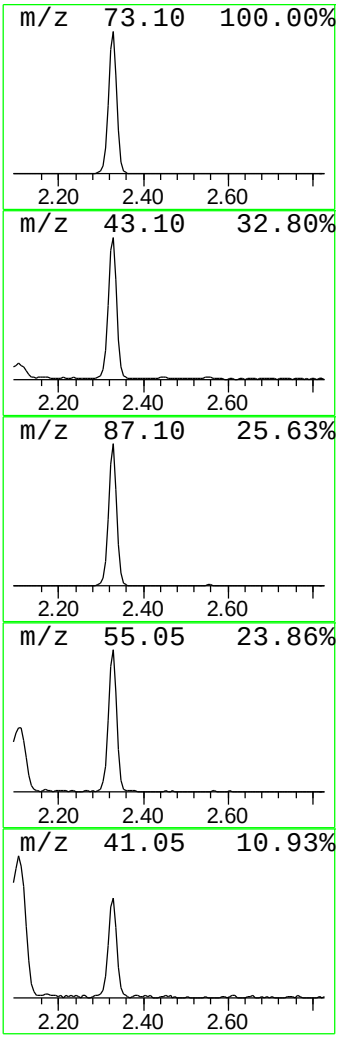
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	14.57 ng	591254	1,4-Dichlorobenzene-d4	6.97

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELL-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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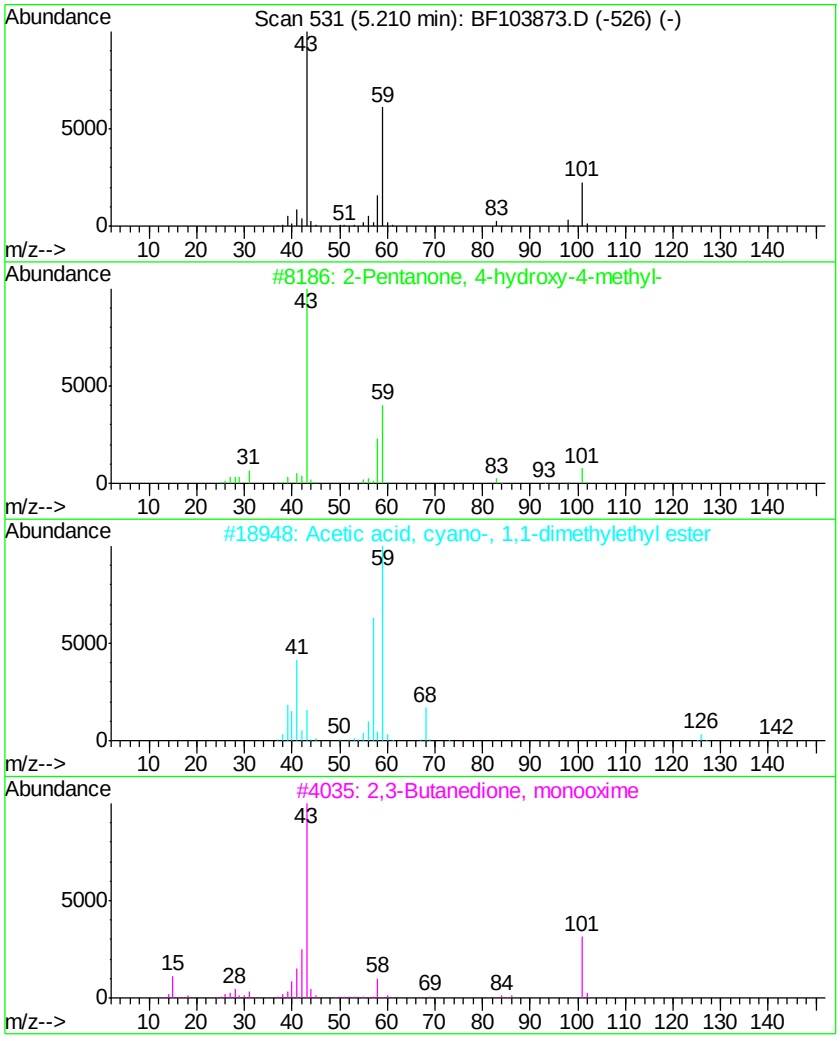
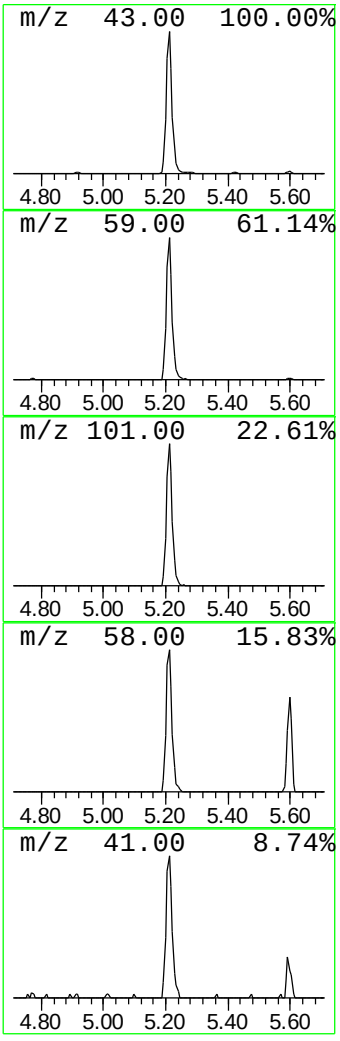
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	11.70 ng	474754	1,4-Dichlorobenzene-d4	6.97

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : J1990-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELL-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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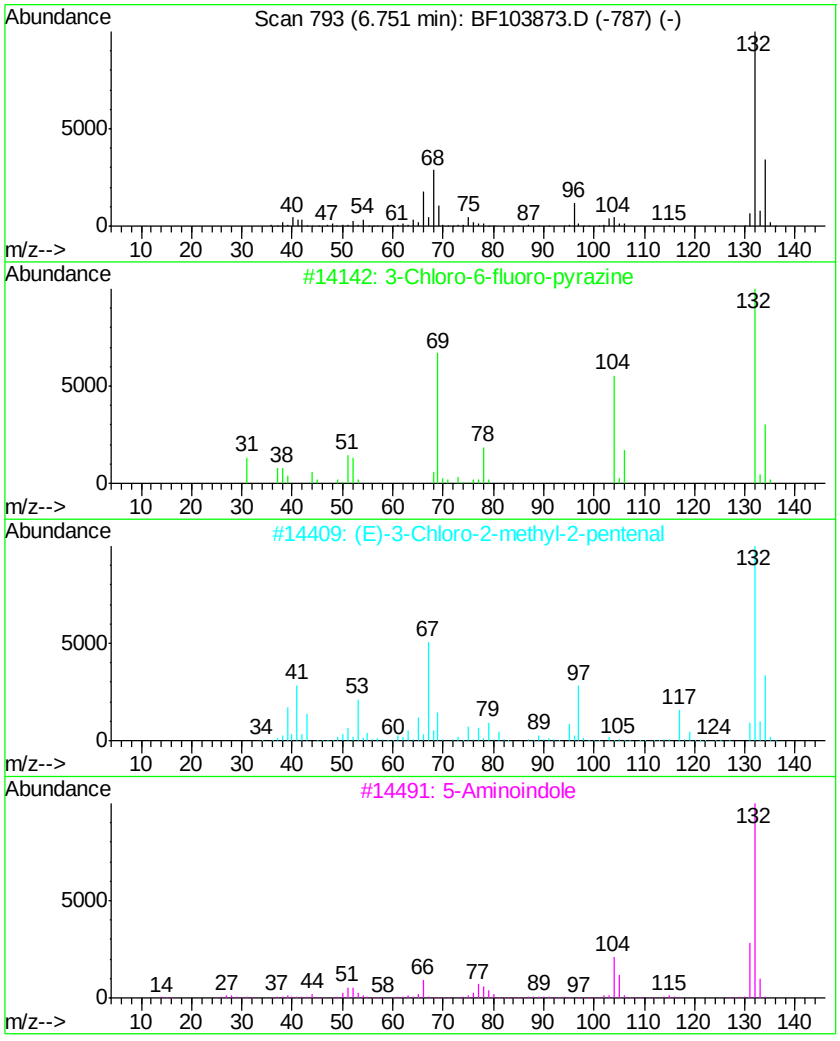
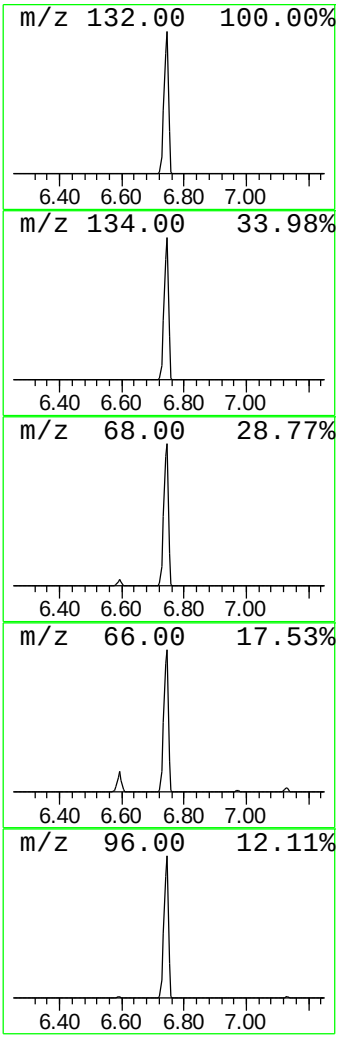
Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	85.30 ng	3460440	1,4-Dichlorobenzene-d4	6.97

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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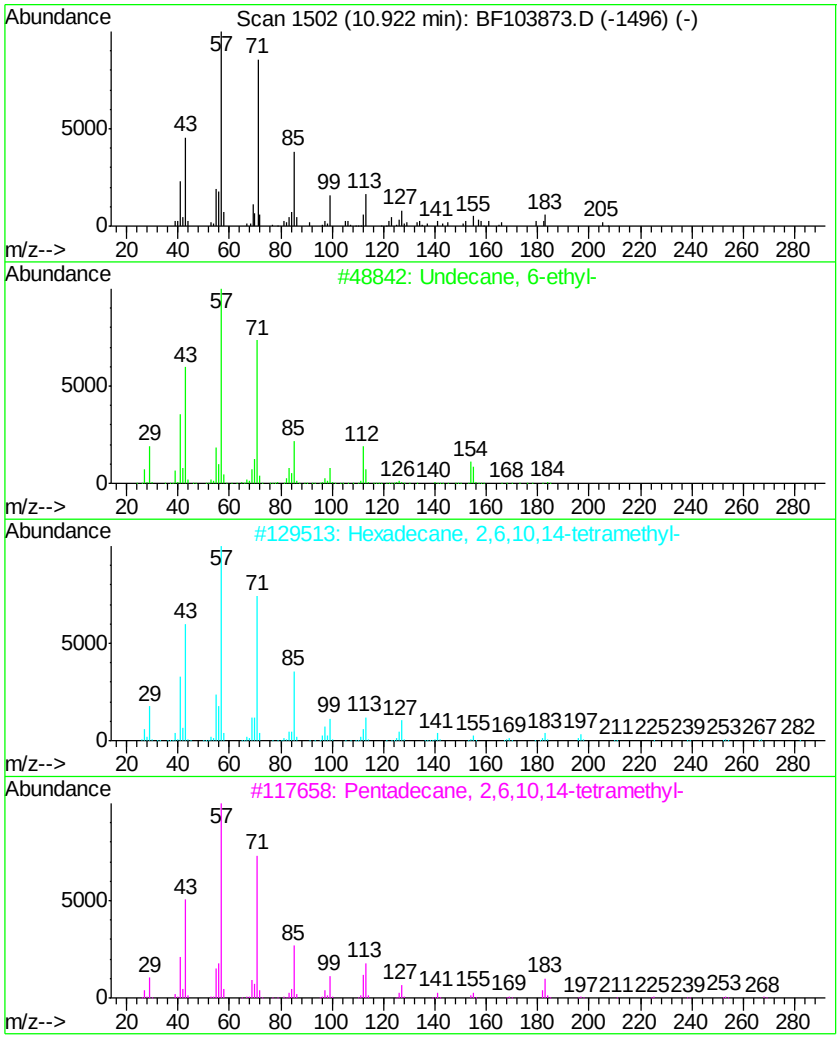
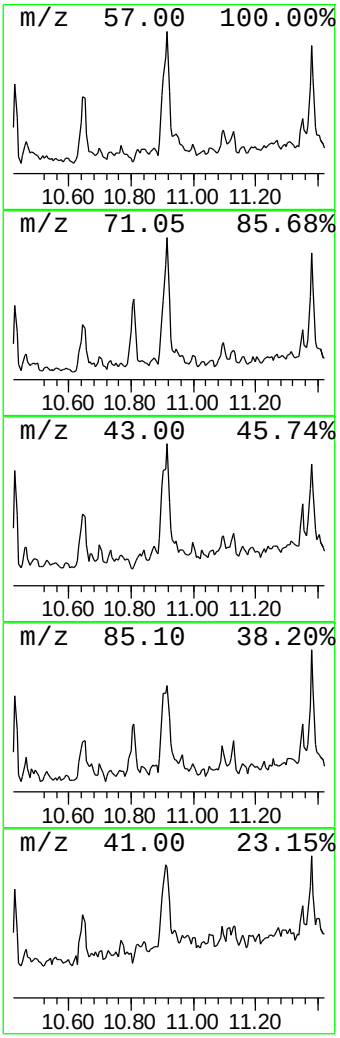
Peak Number 5 Undecane, 6-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.58 ng	171032	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64





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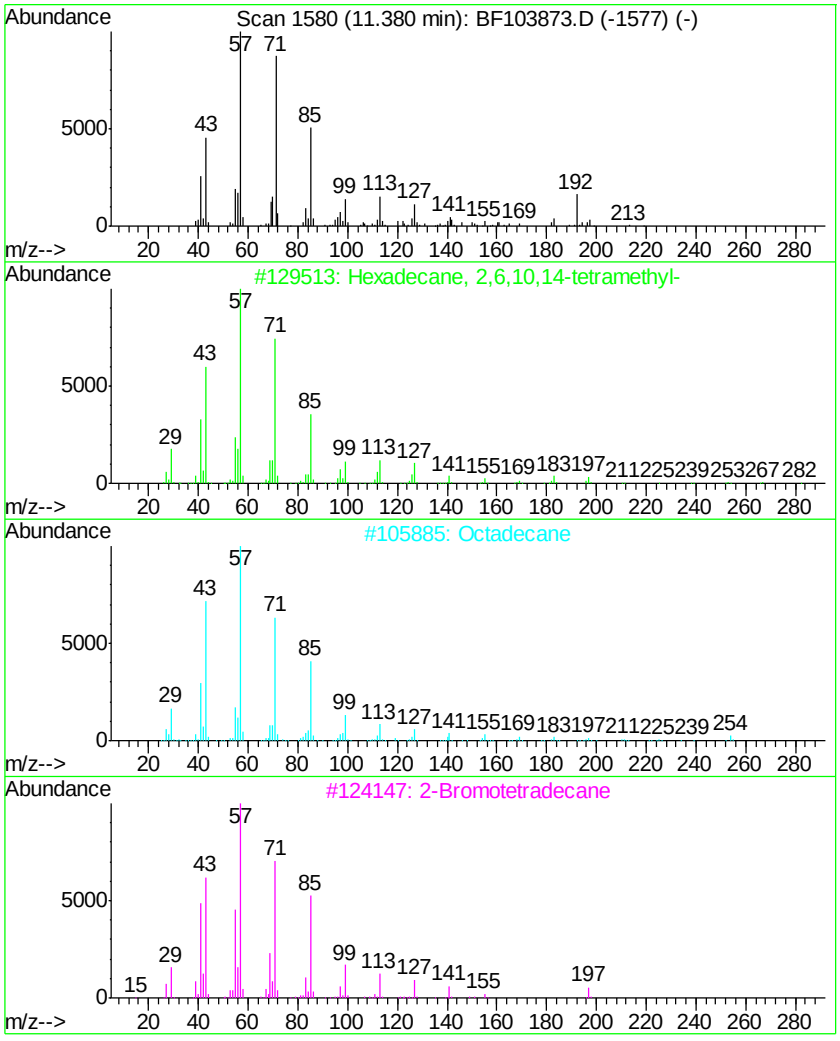
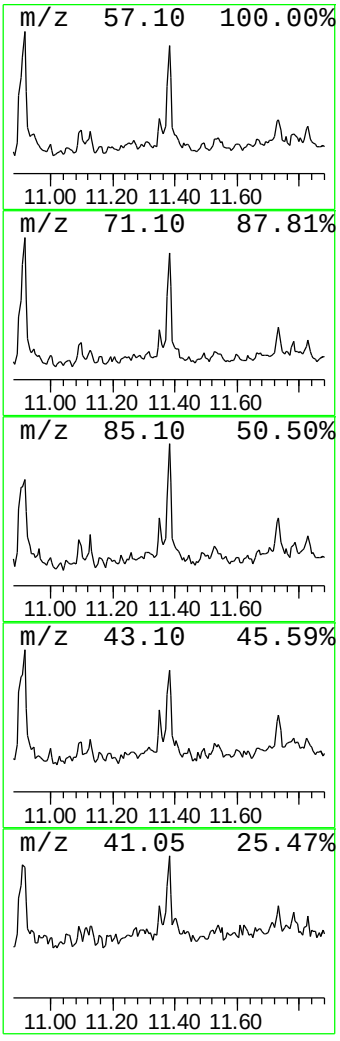
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.15 ng	142740	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81
2	Octadecane	254	C18H38	000593-45-3	78
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4	Eicosane	282	C20H42	000112-95-8	64
5	Heptadecane	240	C17H36	000629-78-7	64





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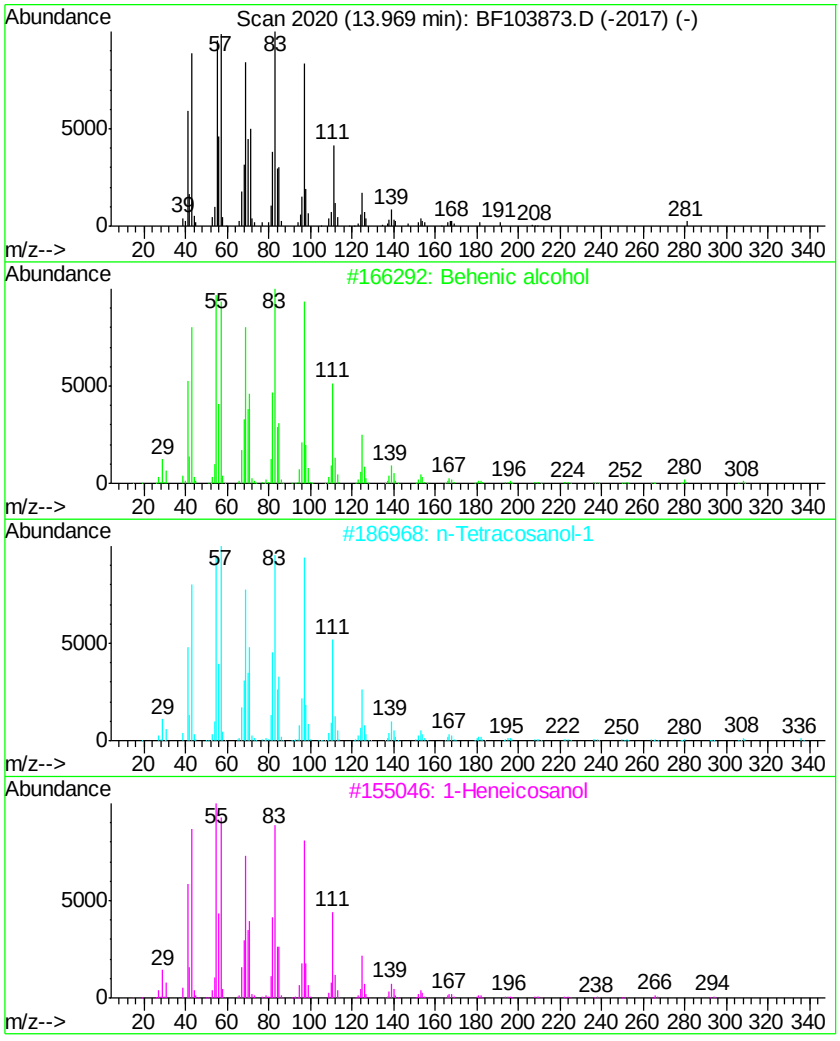
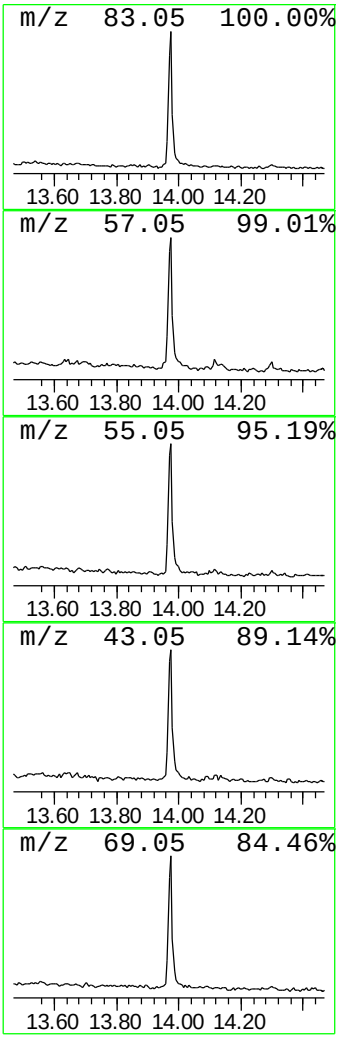
****

Peak Number 7 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.01 ng	279951	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Nonadecene	266	C19H38	018435-45-5	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.33	14.6	ng	591254	1	6.97	811396	20.0
2-Pentanone, 4-hy...	5.21	11.7	ng	474754	1	6.97	811396	20.0
unknown6.75	6.75	85.3	ng	3460440	1	6.97	811396	20.0
Undecane, 6-ethyl-	10.92	2.6	ng	171032	4	11.51	1326570	20.0
Hexadecane, 2,6,1...	11.38	2.1	ng	142740	4	11.51	1326570	20.0
Behenic alcohol	13.97	4.0	ng	279951	5	14.16	1395110	20.0