LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103871.D
Acq On : 23 Mar 2018 11:15
Operator : JU/SJ
Sample : J1993-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-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	2.305	32	37	48	rVB	477752	648508	12.76%	1.744%
2	5.204	526	530	537	rBV	158583	178302	3.51%	0.479%
3	5.593	592	596	600	rBV	2090788	2039062	40.13%	5.484%
4	5.916	648	651	661	rVB	57218	58054	1.14%	0.156%
5	6.593	761	766	773	rBV	1362099	1311643	25.81%	3.527%
6	6.745	787	792	795	rBV	3653273	3541971	69.70%	9.525%
7	6.975	827	831	834	rBV	996902	902853	17.77%	2.428%
8	7.134	853	858	861	rBV	3690970	3531119	69.49%	9.496%
9	7.540	922	927	930	rBV	2879787	2880656	56.69%	7.747%
10	8.257	1043	1049	1053	rBV	1339233	1282958	25.25%	3.450%
11	9.334	1226	1232	1235	rBV	4896933	5025439	98.89%	13.515%
12	9.716	1294	1297	1302	rBV	238683	206365	4.06%	0.555%
13	9.928	1330	1333	1337	rVB	112496	87292	1.72%	0.235%
14	10.016	1344	1348	1356	rVB	1569839	1400736	27.56%	3.767%
15	10.428	1416	1418	1421	rVB2	154657	111537	2.19%	0.300%
16	10.810	1478	1483	1486	rBV	2901125	3182917	62.64%	8.560%
17	10.904	1496	1499	1508	rVB	139089	175379	3.45%	0.472%
18	11.351	1572	1575	1578	rBV	112375	86936	1.71%	0.234%
19	11.510	1598	1602	1605	rBV	1662323	1423415	28.01%	3.828%
20	11.780	1645	1648	1652	rVB	85293	69453	1.37%	0.187%
21	12.022	1685	1689	1693	rBV	317695	349109	6.87%	0.939%
22	12.186	1714	1717	1720	rBV2	60094	53544	1.05%	0.144%
23	12.575	1780	1783	1785	rBV2	85194	92434	1.82%	0.249%
24	12.804	1819	1822	1829	rBV	106183	125114	2.46%	0.336%
25	13.104	1867	1873	1876	rBV	4384560	5081670	100.00%	13.666%
26	13.986	2019	2023	2027	rBV	401127	386591	7.61%	1.040%
27	14.174	2051	2055	2065	rVB	1614002	1500150	29.52%	4.034%
28	15.739	2315	2321	2327	rBV	1017446	1366828	26.90%	3.676%
29	16.262	2405	2410	2415	rBV3	48135	85187	1.68%	0.229%

Sum of corrected areas: 37185222

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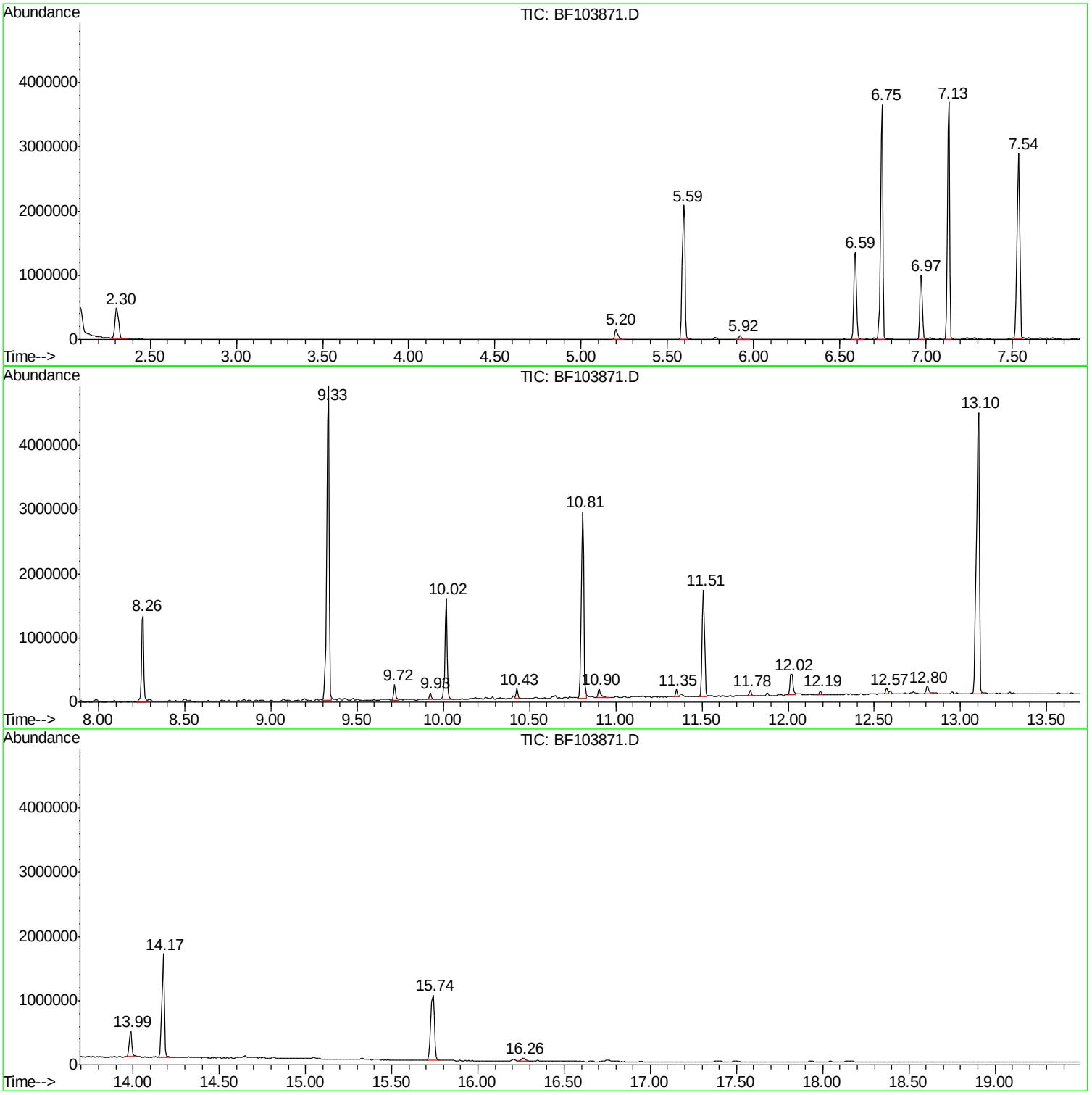
ClientSampleId :
TP-6-MH-A

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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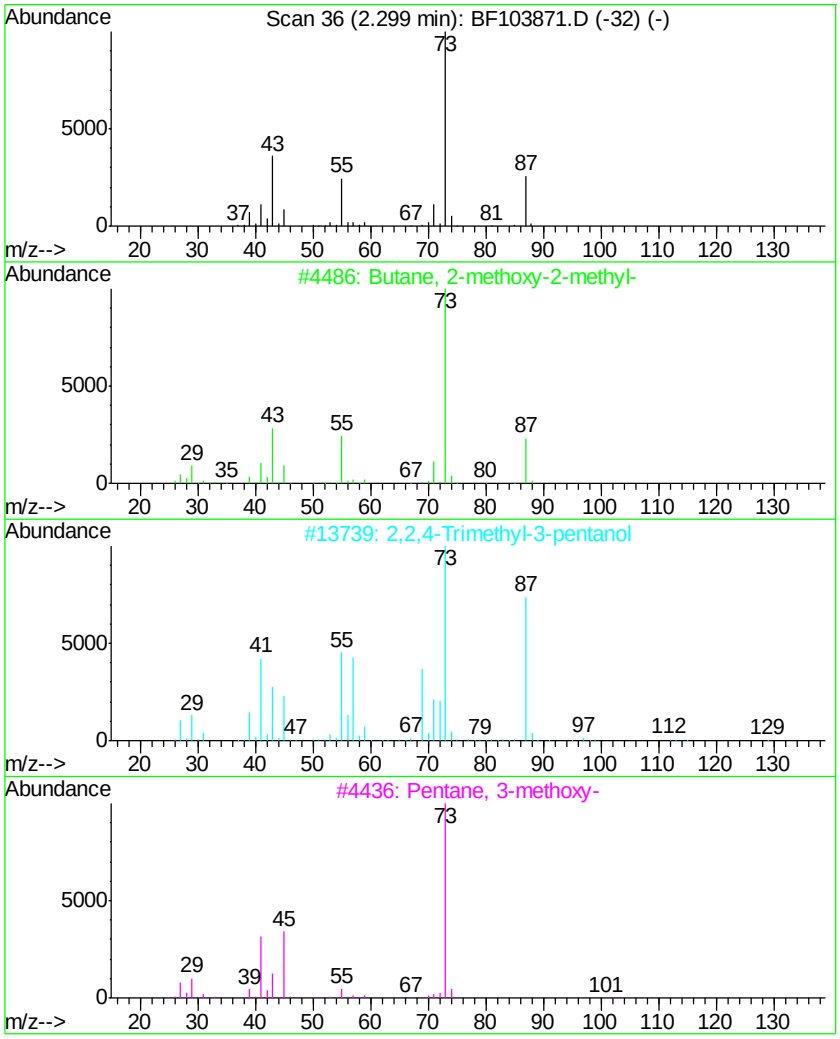
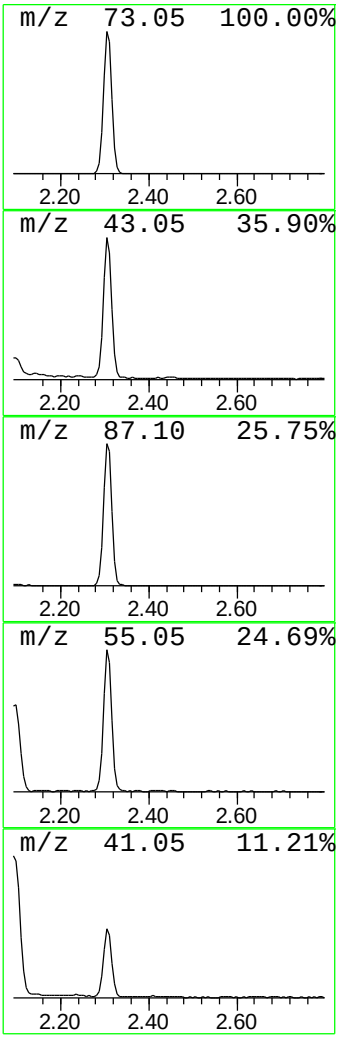
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	14.37 ng	648508	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	78
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	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_F
ClientSampleId : TP-6-MH-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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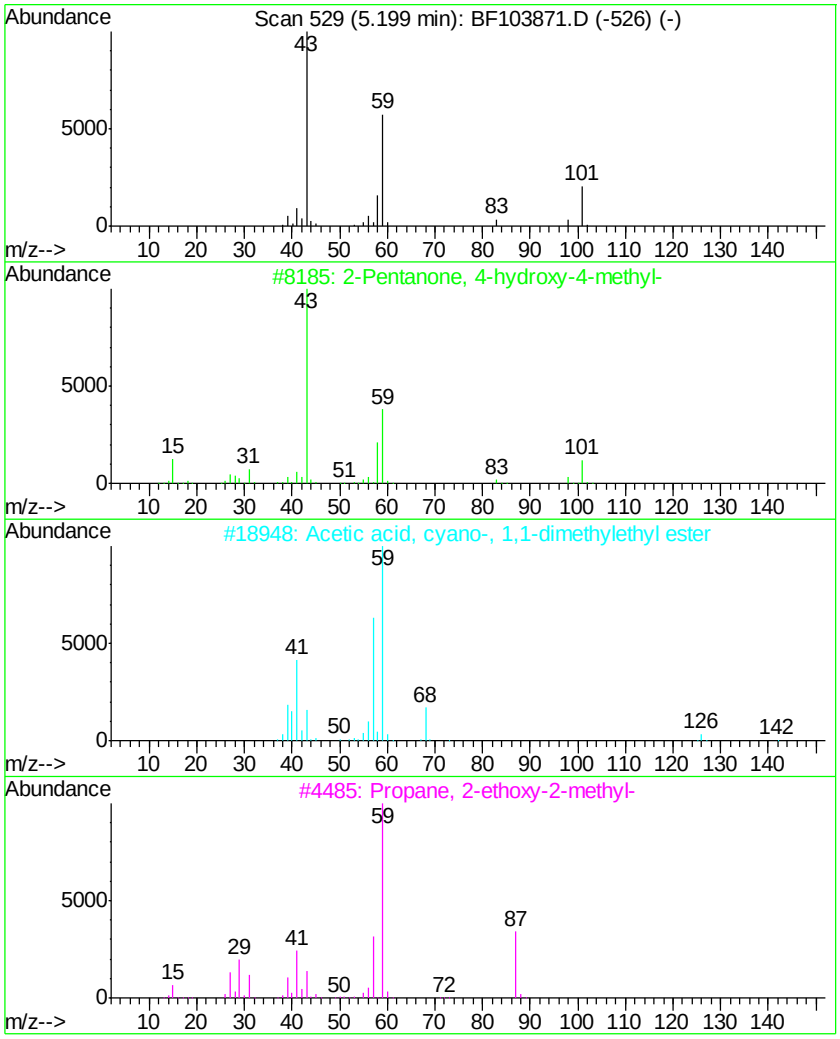
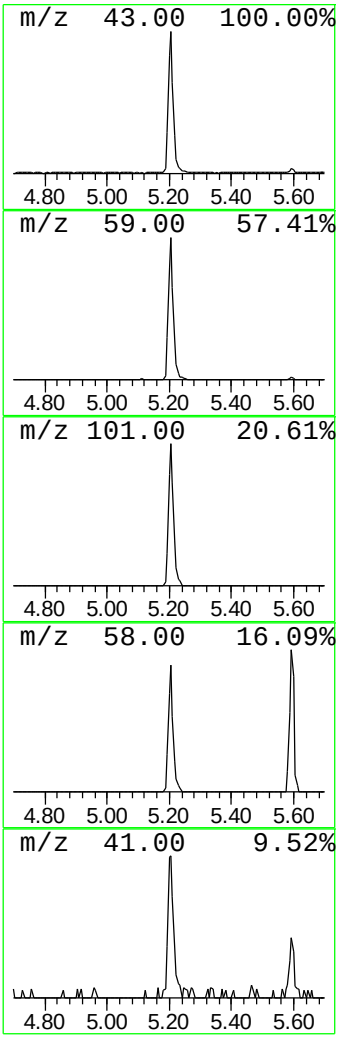
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.95 ng	178302	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : J1993-04
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Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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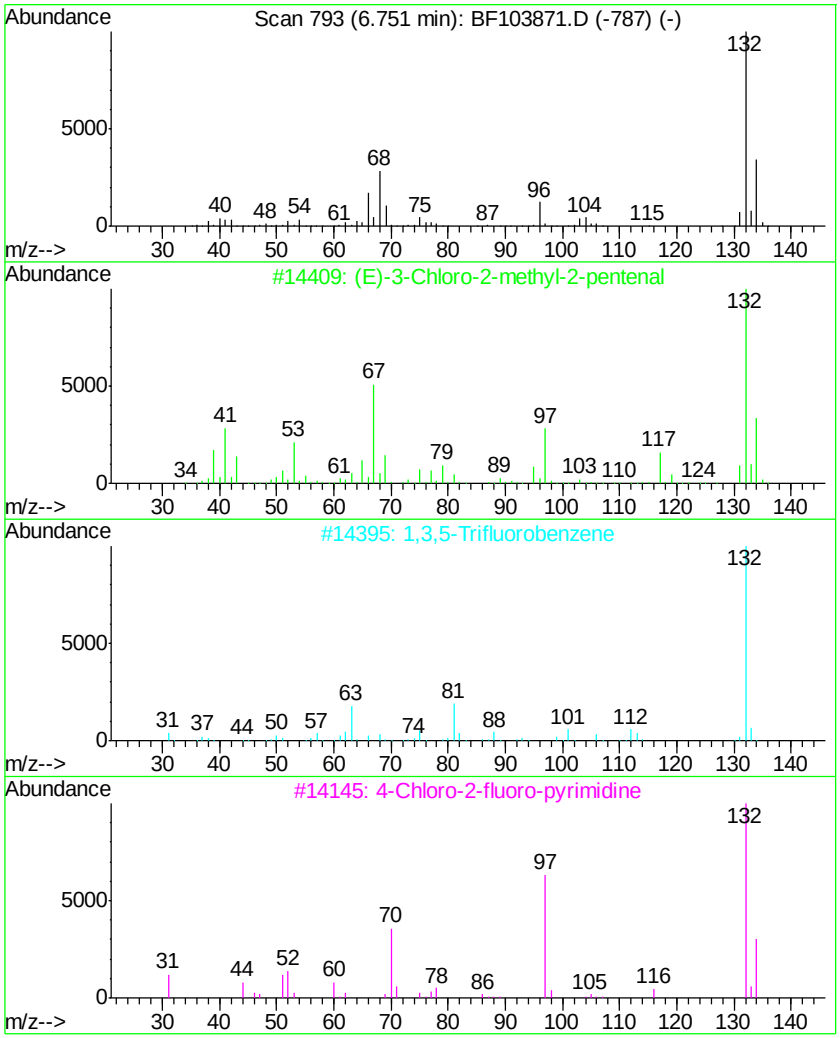
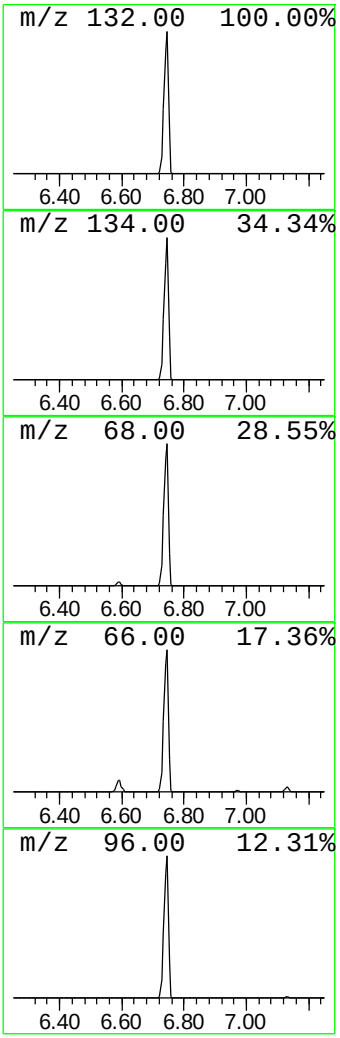
Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	78.46 ng	3541970	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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BNA_F
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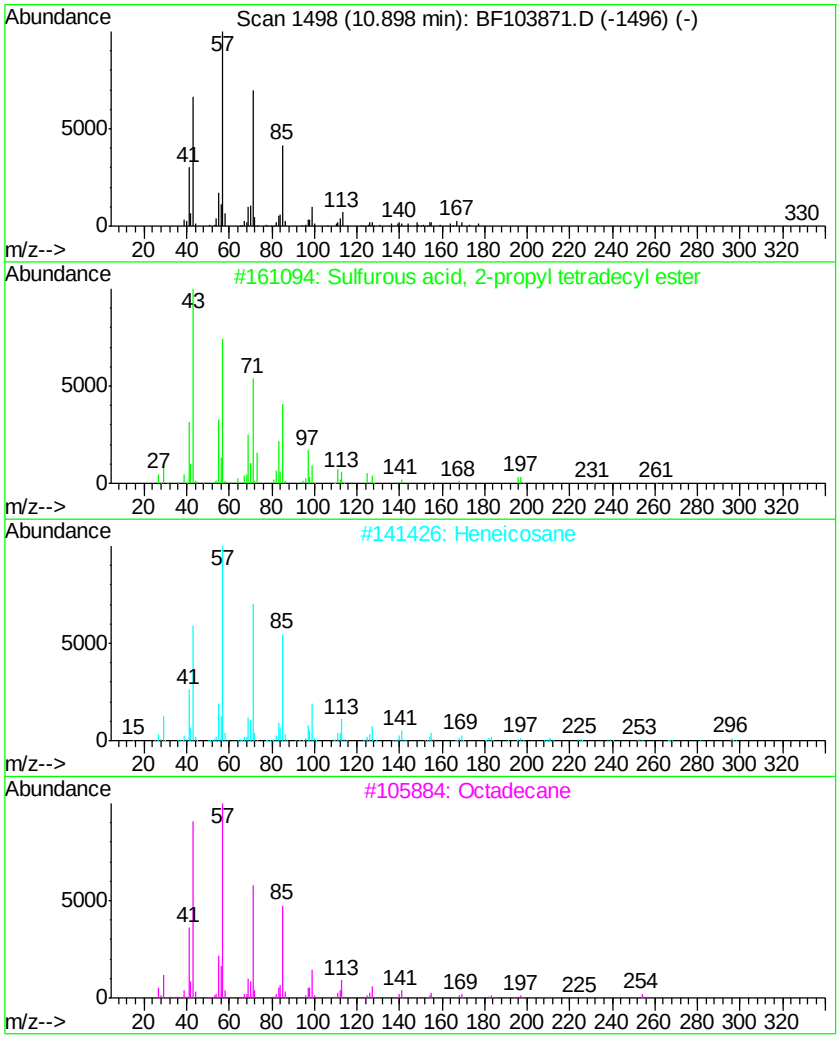
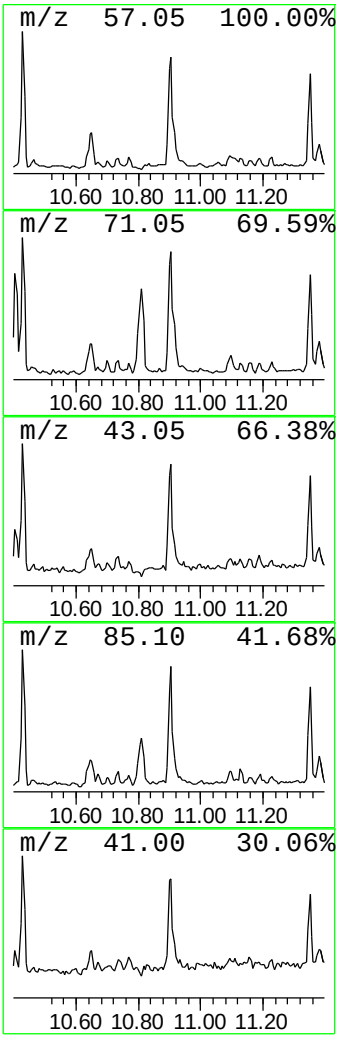
Peak Number 5 Sulfurous acid, 2-propyl te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.46 ng	175379	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetradecane	198	C14H30	000629-59-4	86





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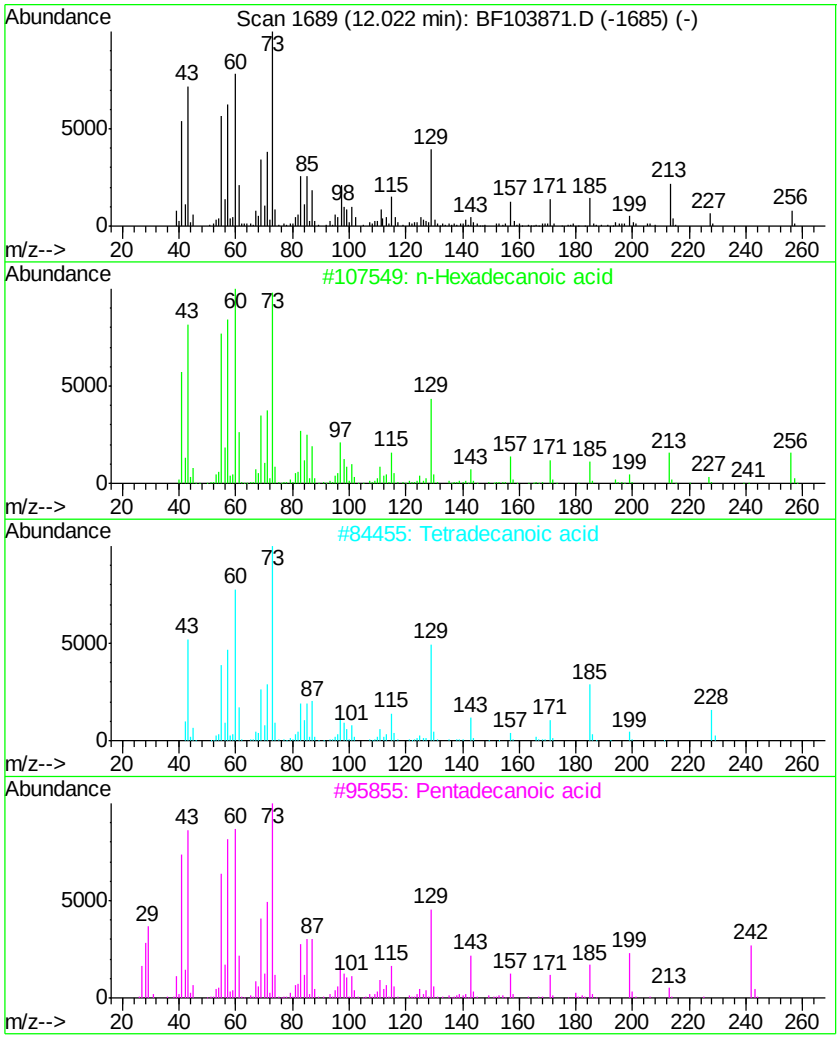
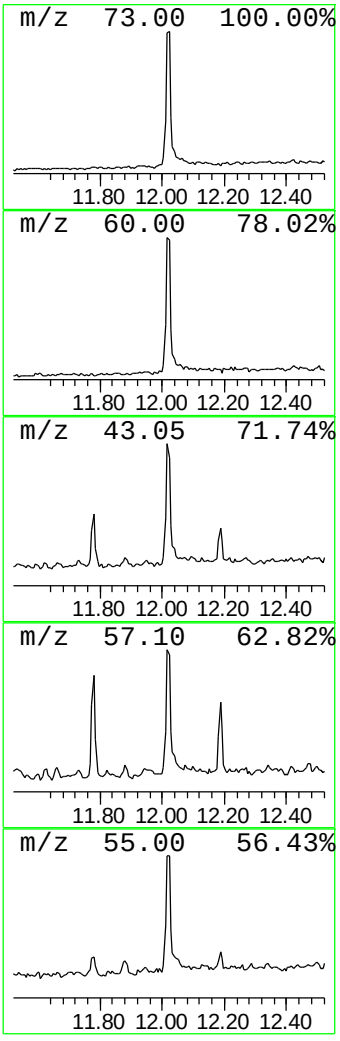
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.91 ng	349109	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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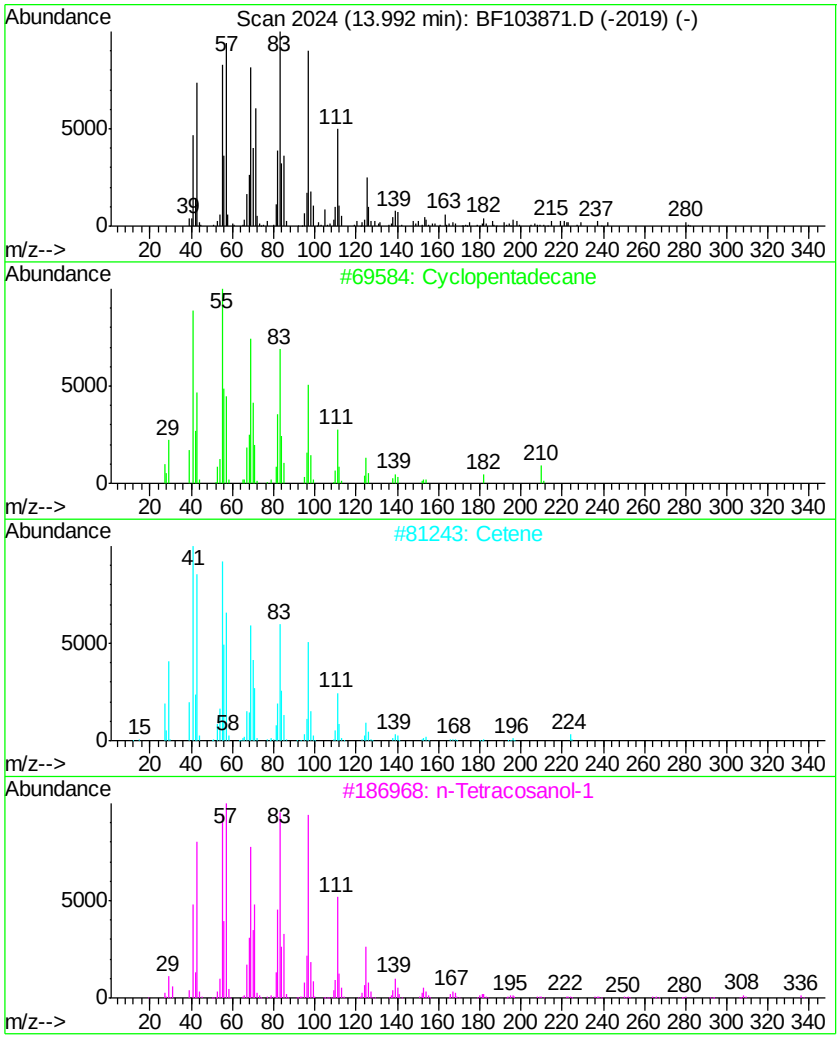
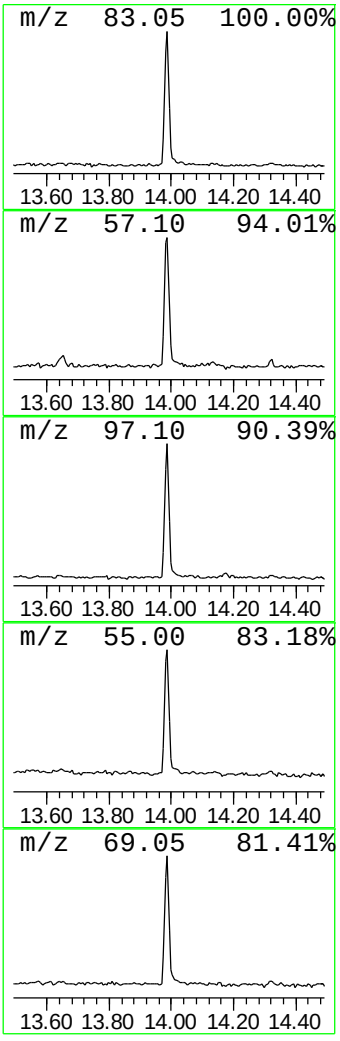
Peak Number 7 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	5.15 ng	386591	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cetene	224	C16H32	000629-73-2	96
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.30	14.4	ng	648508	1	6.97	902853	20.0
2-Pentanone, 4-hy...	5.20	4.0	ng	178302	1	6.97	902853	20.0
unknown6.75	6.75	78.5	ng	3541970	1	6.97	902853	20.0
Sulfurous acid, 2...	10.90	2.5	ng	175379	4	11.51	1423420	20.0
n-Hexadecanoic acid	12.02	4.9	ng	349109	4	11.51	1423420	20.0
Cyclopentadecane	13.99	5.2	ng	386591	5	14.17	1500150	20.0