LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104276.D
Acq On : 5 Apr 2018 18:22
Operator : JU/SJ
Sample : J2183-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-4-DWS-1-SW@4.5

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-BF032818.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	2.287	29	34	43	rVB	134471	189387	4.84%	0.602%
2	5.198	525	529	545	rBV	52105	119100	3.04%	0.379%
3	5.581	591	594	634	rBV	1288777	2872957	73.39%	9.133%
4	6.586	761	765	784	rBV	1388345	3022148	77.20%	9.607%
5	6.716	784	787	824	rVV	2071573	3804220	97.18%	12.094%
6	6.951	824	827	848	rVV	189172	680323	17.38%	2.163%
7	7.098	848	852	886	rVB	1659874	2539523	64.87%	8.073%
8	7.510	919	922	945	rBV	833990	1922945	49.12%	6.113%
9	7.657	945	947	953	rVB	32127	43019	1.10%	0.137%
10	8.228	1040	1044	1080	rBV	399556	902804	23.06%	2.870%
11	9.298	1221	1226	1271	rBV	2515243	3914587	100.00%	12.444%
12	9.686	1286	1292	1307	rBV	214176	321580	8.21%	1.022%
13	9.886	1322	1326	1330	rBV	65592	57212	1.46%	0.182%
14	9.980	1338	1342	1359	rBV	830840	1067841	27.28%	3.395%
15	10.386	1408	1411	1414	rBV	98848	74895	1.91%	0.238%
16	10.780	1474	1478	1489	rBV	1641529	2453662	62.68%	7.800%
17	10.857	1489	1491	1502	rVB	121734	214807	5.49%	0.683%
18	11.480	1593	1597	1619	rBV	668182	1152989	29.45%	3.665%
19	13.062	1861	1866	1887	rBV	3005359	3794321	96.93%	12.062%
20	13.933	2010	2014	2021	rBV	100053	130934	3.34%	0.416%
21	14.133	2044	2048	2066	rBV	785562	1156532	29.54%	3.677%
22	14.874	2171	2174	2182	rBV	94461	122036	3.12%	0.388%
23	15.668	2304	2309	2327	rBV	452365	898837	22.96%	2.857%

Sum of corrected areas: 31456659

LSC Report - Integrated Chromatogram

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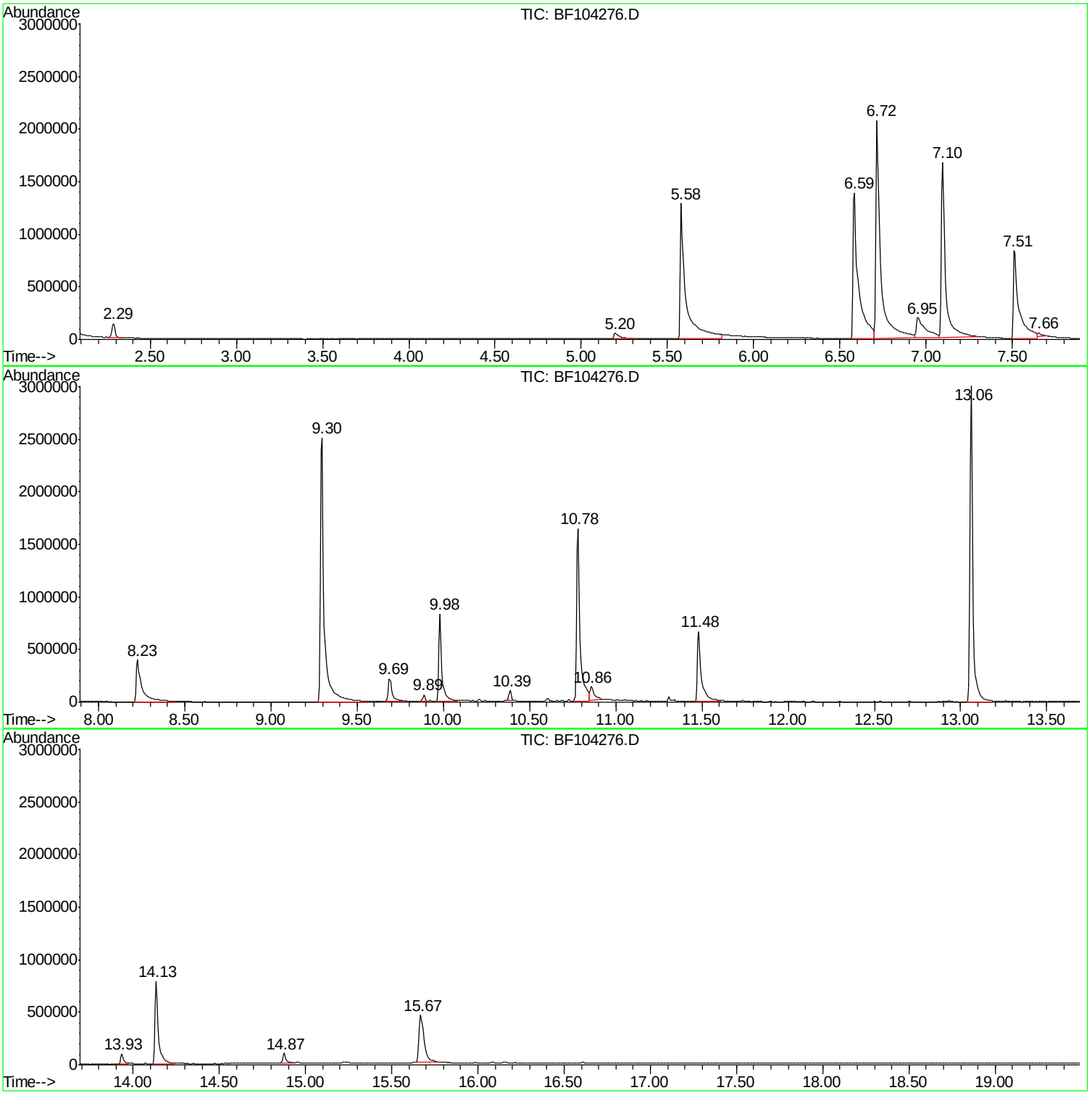
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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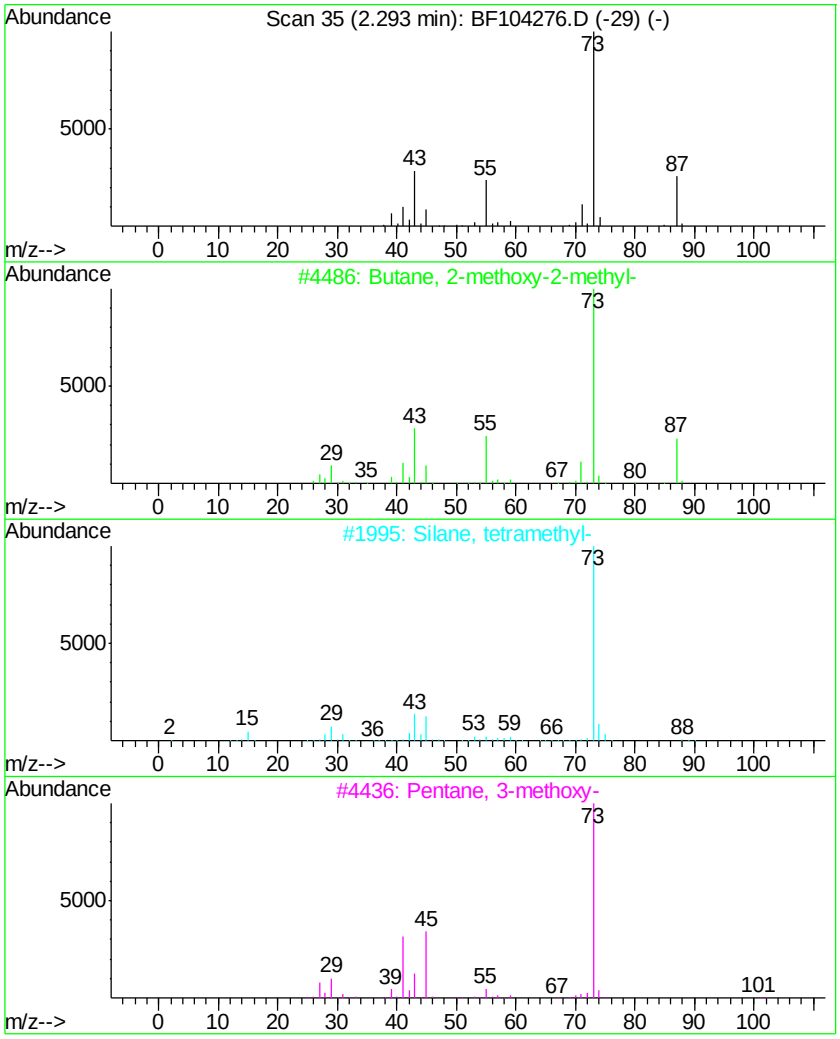
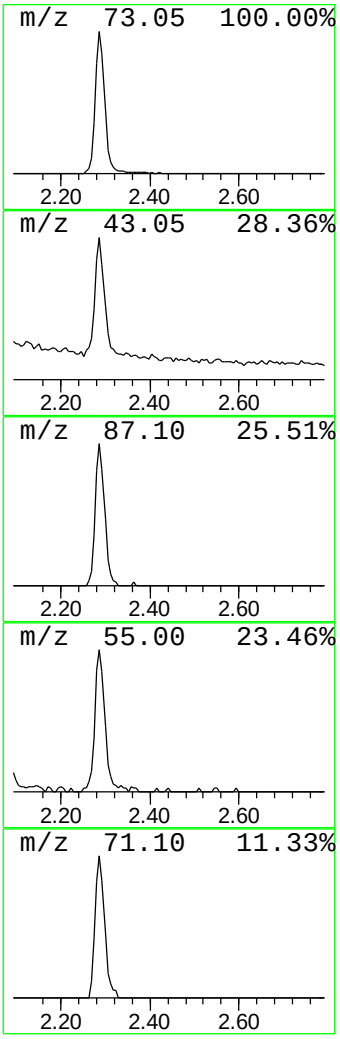
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	5.57 ng	189387	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId : ES-4-DWS-1-SW@4.5

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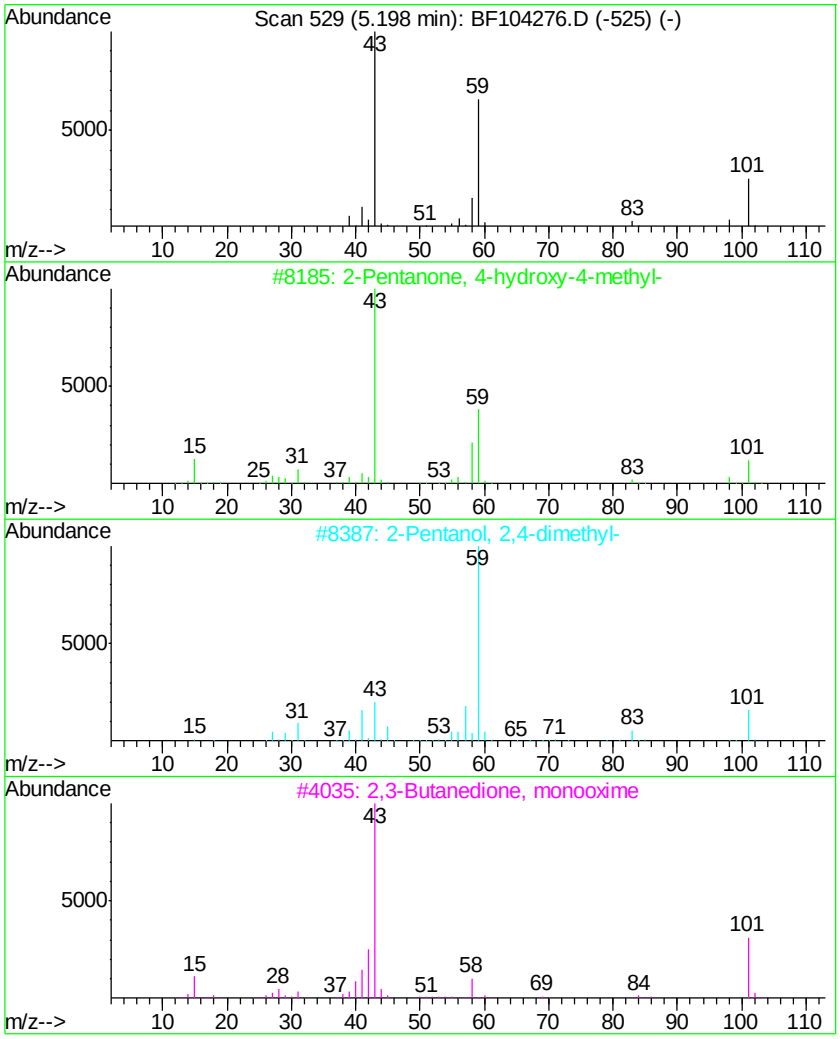
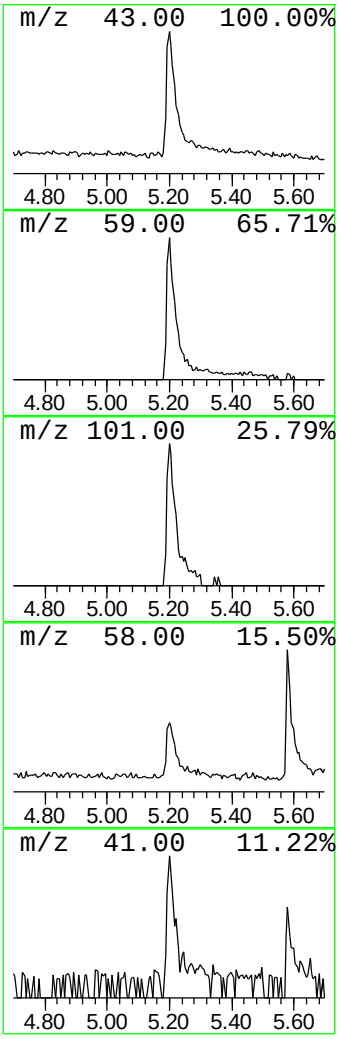
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.50 ng	119100	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Pentanol	88	C5H12O	000584-02-1	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16





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Sample : J2183-04
Misc :
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Instrument : BNA_F
ClientSampleId : ES-4-DWS-1-SW@4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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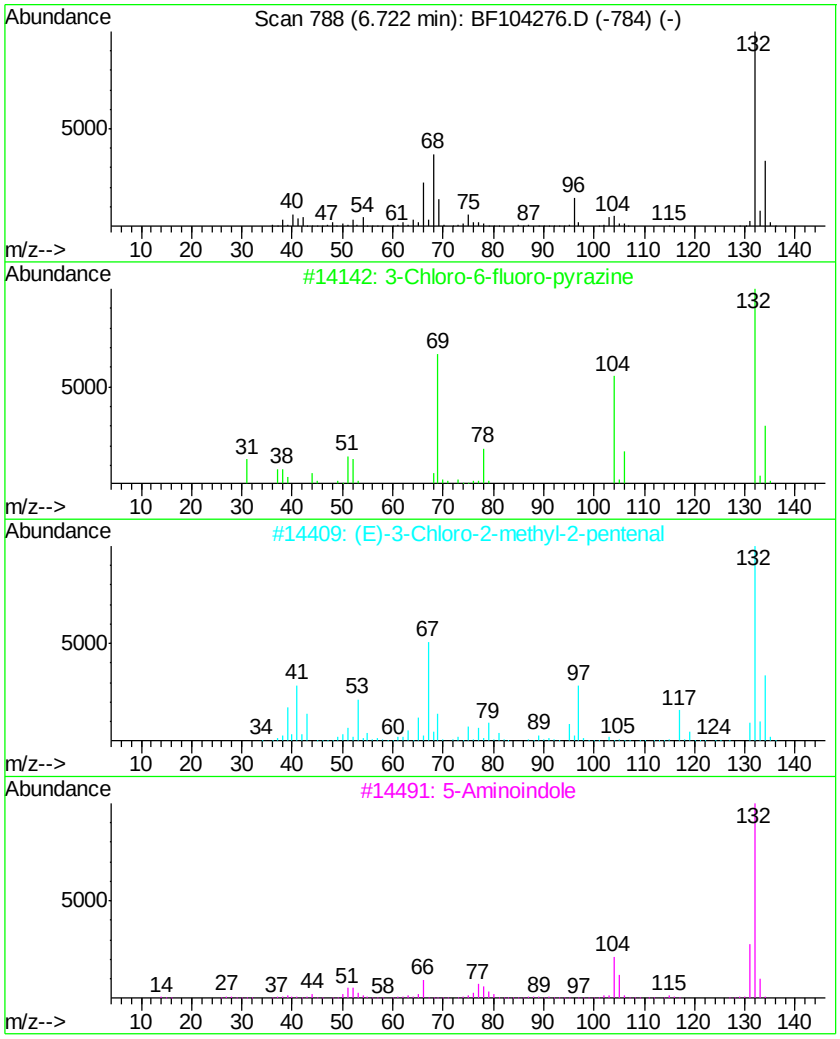
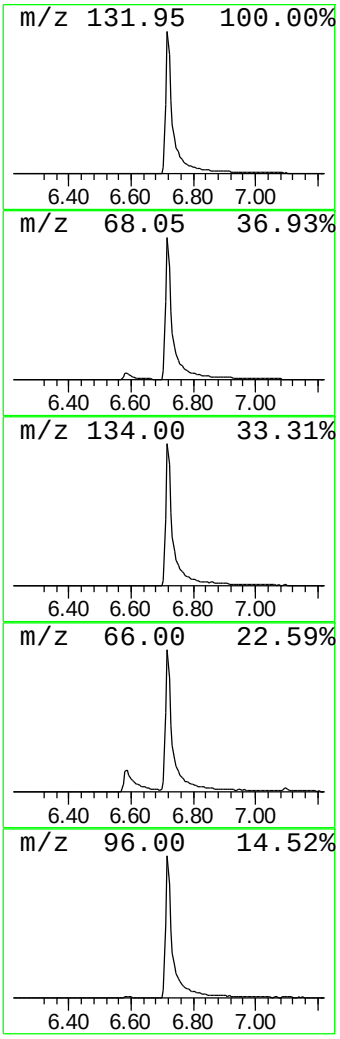
Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	111.84 ng	3804220	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
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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ClientSampleId : ES-4-DWS-1-SW@4.5

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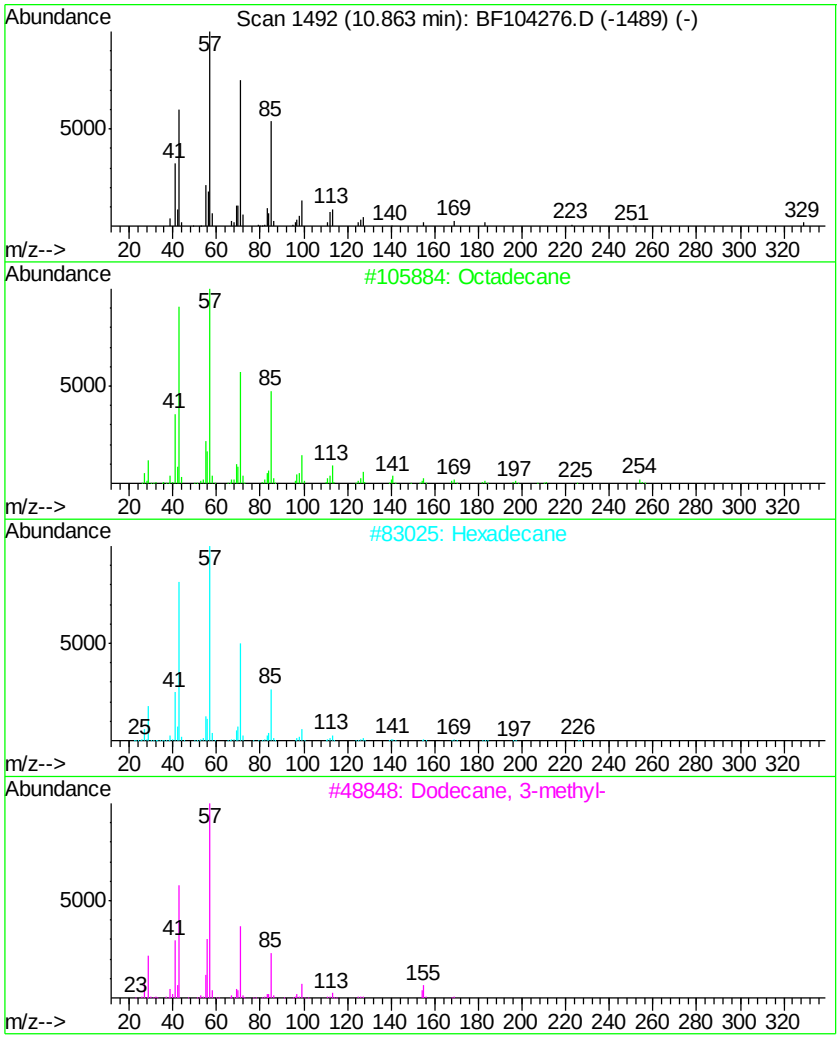
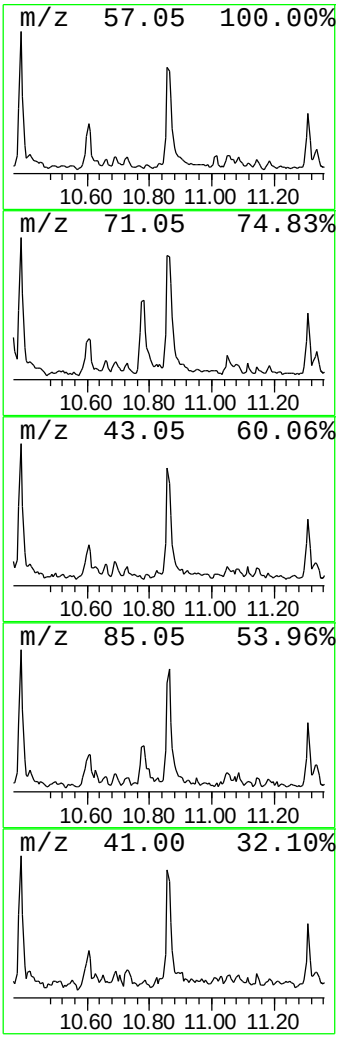
Peak Number 5 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.73 ng	214807	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50





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Instrument : BNA_F
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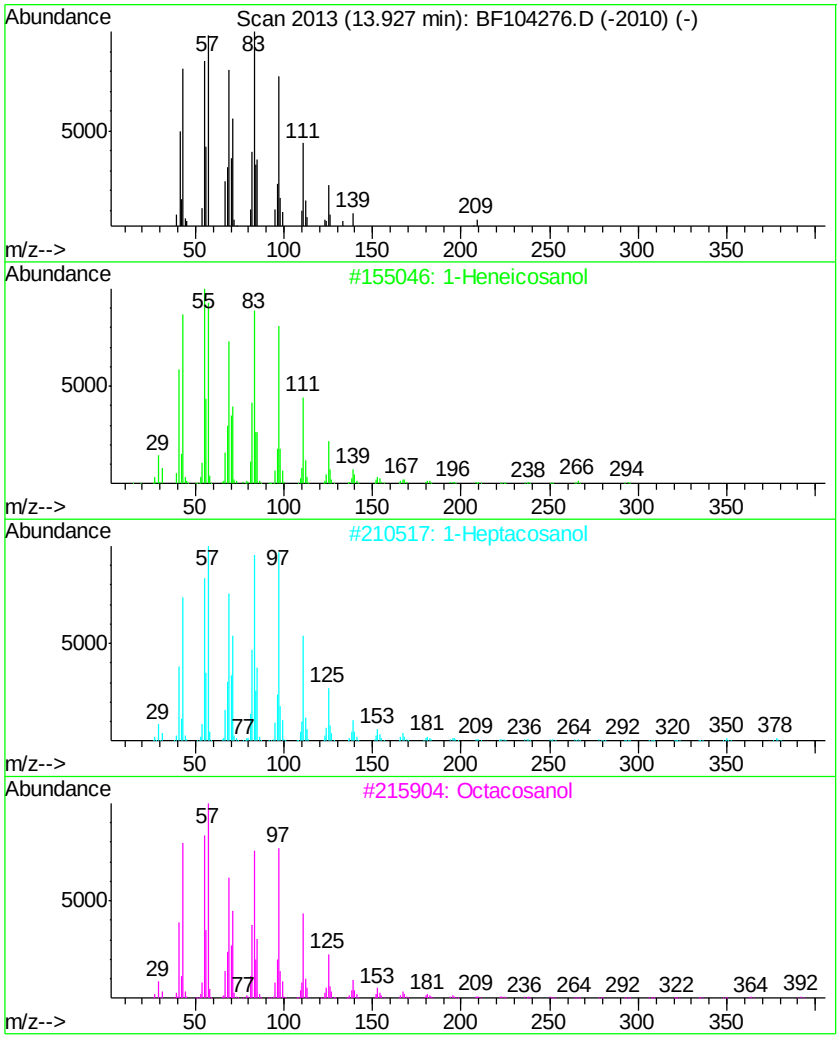
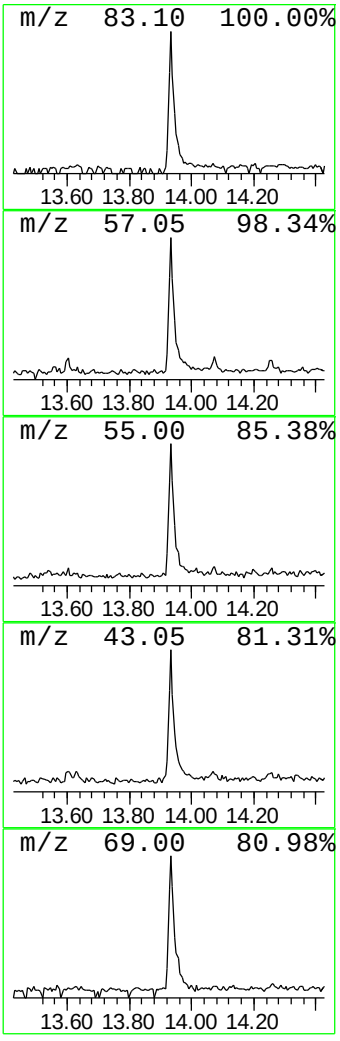
Peak Number 6 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.26 ng	130934	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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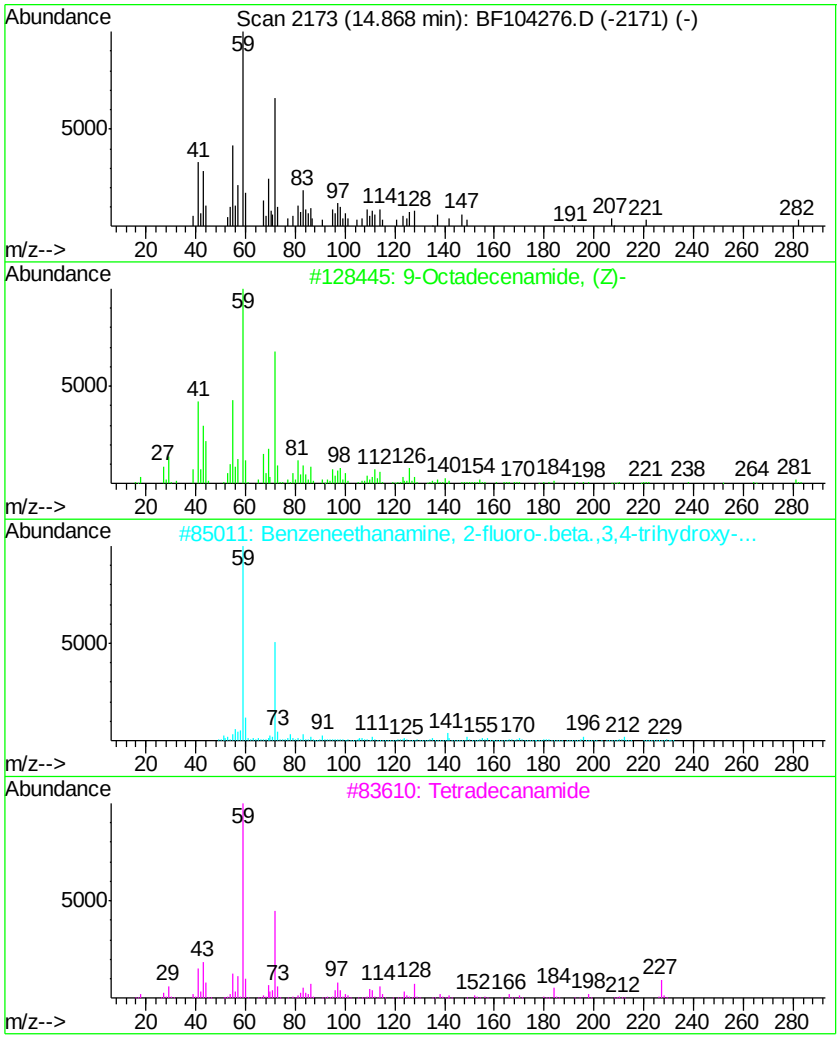
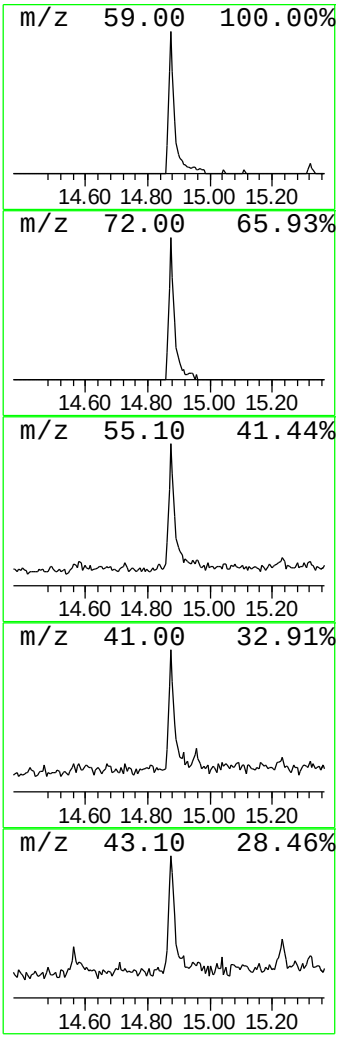
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.11 ng	122036	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	38
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	38
5	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	35





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...	2.29	5.6	ng	189387	1	6.96	680323	20.0
2-Pentanone, 4-hy...	5.20	3.5	ng	119100	1	6.96	680323	20.0
unknown6.72	6.72	111.8	ng	3804220	1	6.96	680323	20.0
Octadecane	10.86	3.7	ng	214807	4	11.48	1152990	20.0
1-Heneicosanol	13.93	2.3	ng	130934	5	14.13	1156530	20.0
9-Octadecenamide,...	14.87	2.1	ng	122036	5	14.13	1156530	20.0