LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015794.D
Acq On : 06 Jul 2018 10:12
Operator : SJ/JU
Sample : J3853-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-1

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.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	5.334	343	348	362	rBV	165198	257407	3.24%	0.554%
2	5.810	423	429	448	rBV	1628028	2512251	31.66%	5.404%
3	7.457	703	709	727	rBV	1114945	1886396	23.77%	4.058%
4	7.834	766	773	791	rBV	2844857	4510780	56.85%	9.703%
5	8.310	847	854	861	rBV	561655	929174	11.71%	1.999%
6	8.634	901	909	920	rBV	2395109	3834158	48.32%	8.247%
7	9.498	1047	1056	1067	rBV	1914279	3144268	39.62%	6.763%
8	11.139	1327	1335	1345	rBV	688607	1203347	15.16%	2.588%
9	13.557	1739	1746	1754	rBV	4933241	6891138	86.84%	14.823%
10	14.374	1879	1885	1891	rBV	461974	634220	7.99%	1.364%
11	14.927	1970	1979	1990	rBV2	953561	1504200	18.96%	3.236%
12	15.651	2094	2102	2105	rBV	50603	86223	1.09%	0.185%
13	16.410	2224	2231	2242	rBV	4115531	5629631	70.95%	12.109%
14	17.657	2437	2443	2453	rVB	1049470	1566291	19.74%	3.369%
15	18.492	2580	2585	2596	rBV	616541	855483	10.78%	1.840%
16	19.739	2793	2797	2814	rBV	264472	400302	5.04%	0.861%
17	20.215	2872	2878	2883	rBV	7155379	7935165	100.00%	17.068%
18	21.427	3080	3084	3091	rBV	316345	422000	5.32%	0.908%
19	21.762	3136	3141	3146	rBV	929599	1235806	15.57%	2.658%
20	24.168	3543	3550	3558	rVB2	521002	1051882	13.26%	2.263%

Sum of corrected areas: 46490122

LSC Report - Integrated Chromatogram

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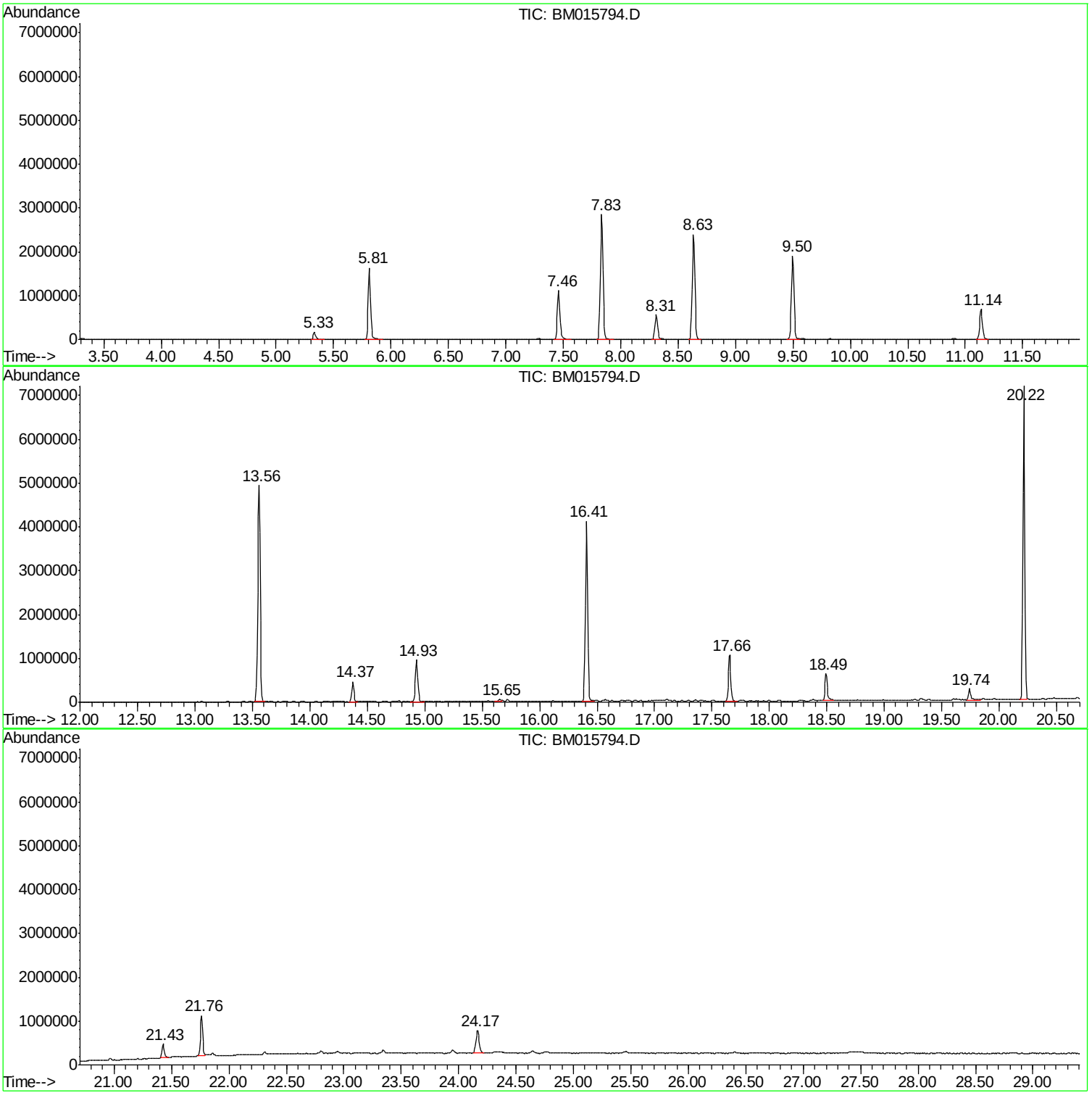
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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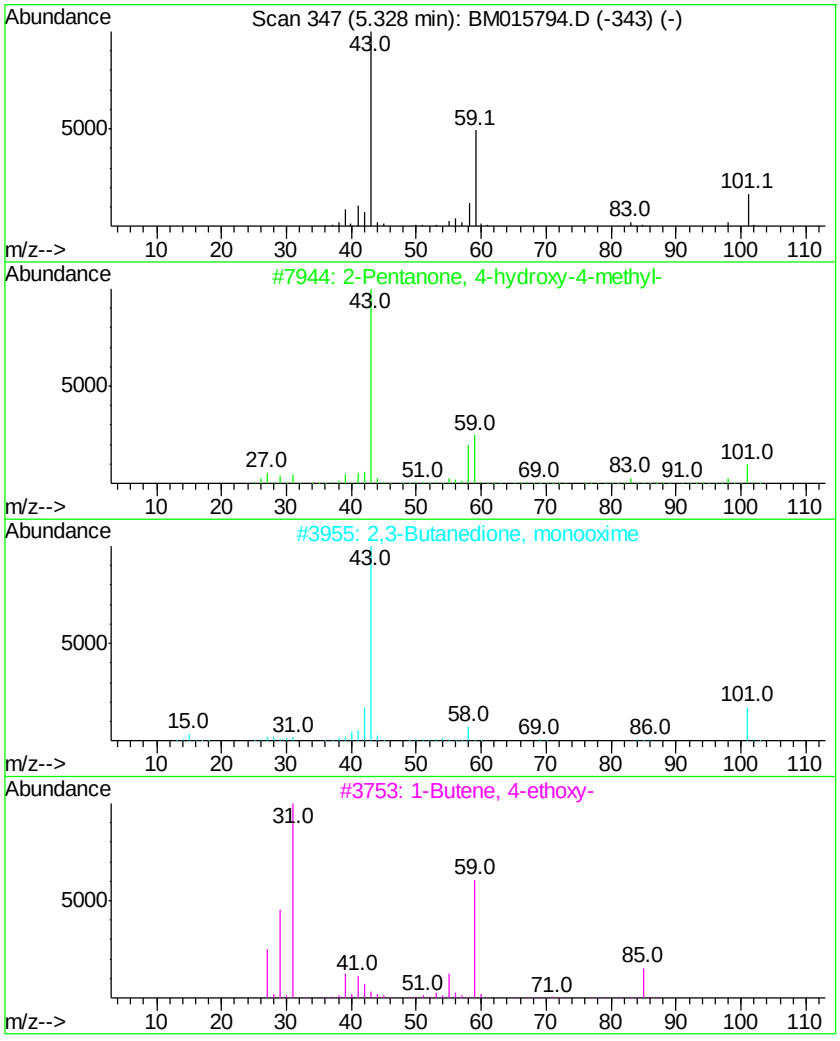
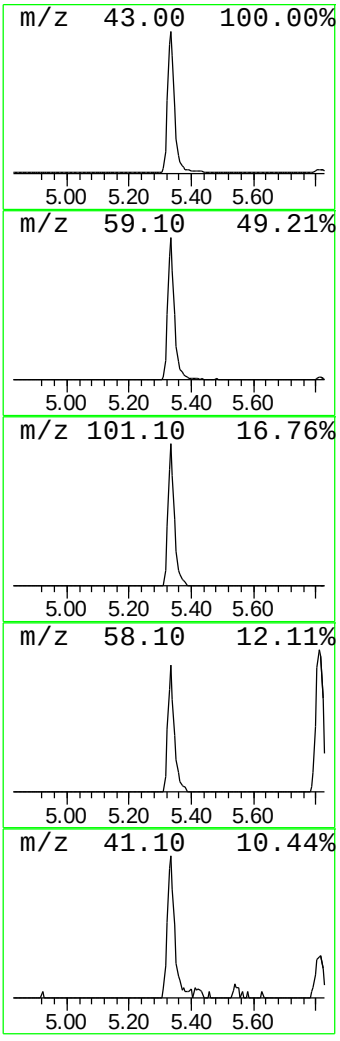
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	5.54 ng	257407	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : WP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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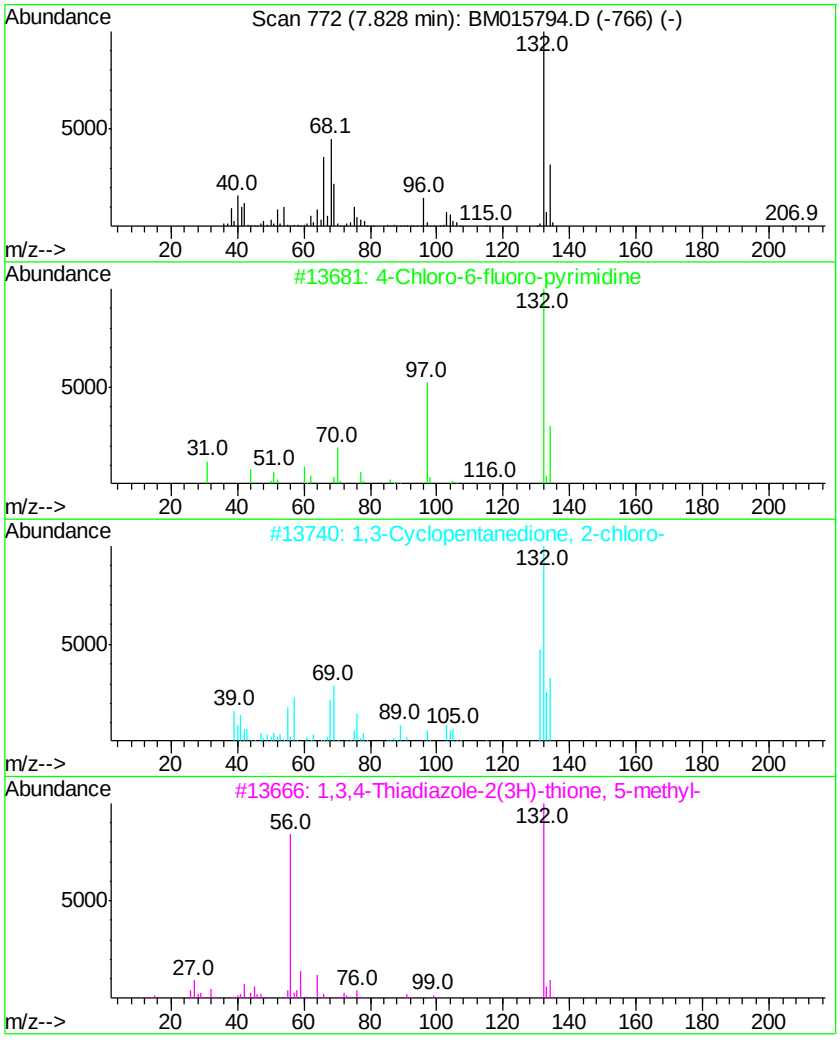
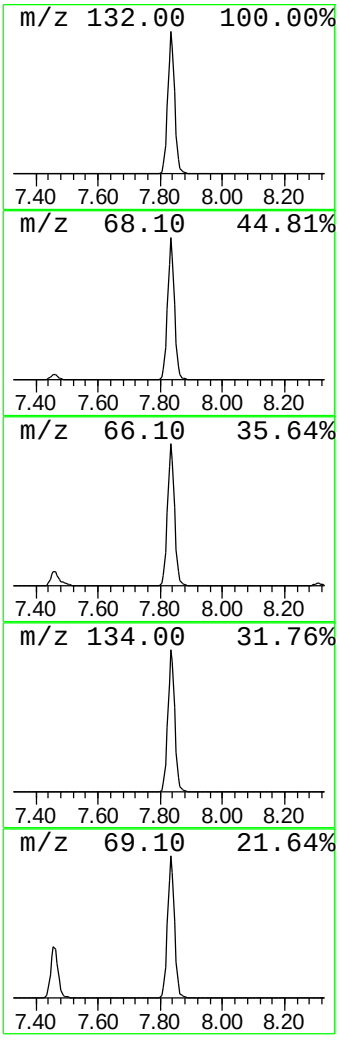
Peak Number 2 unknown7.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	97.09 ng	4510780	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
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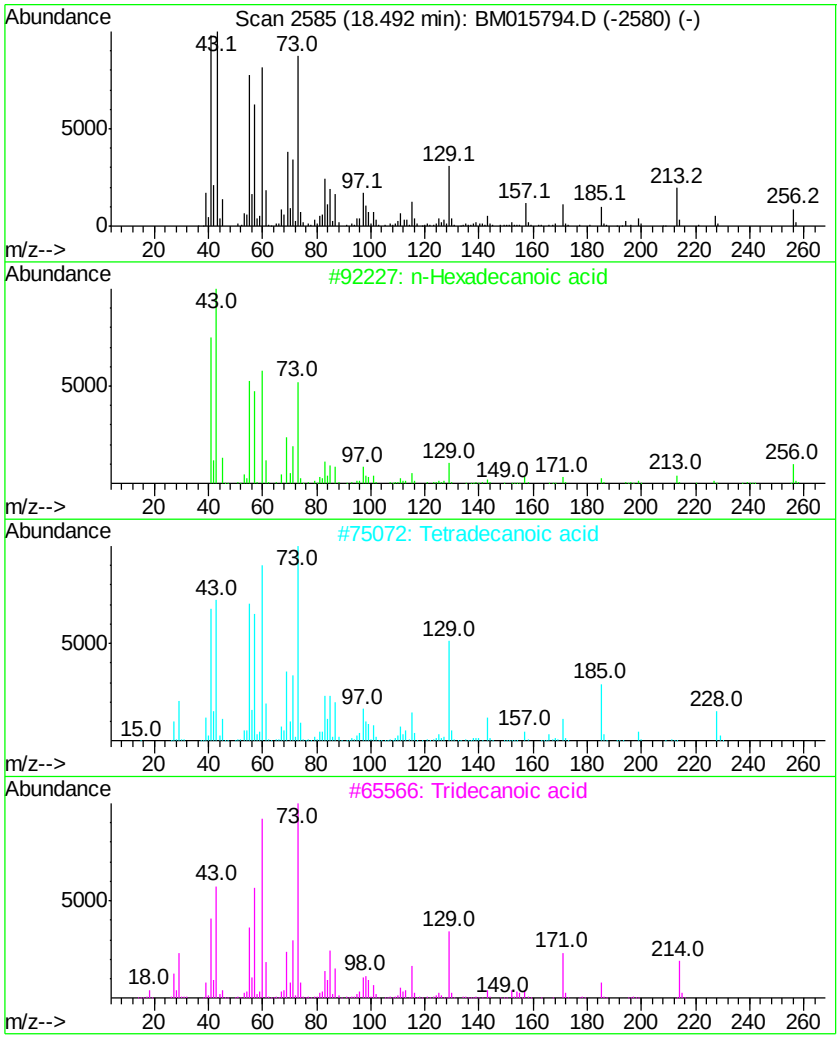
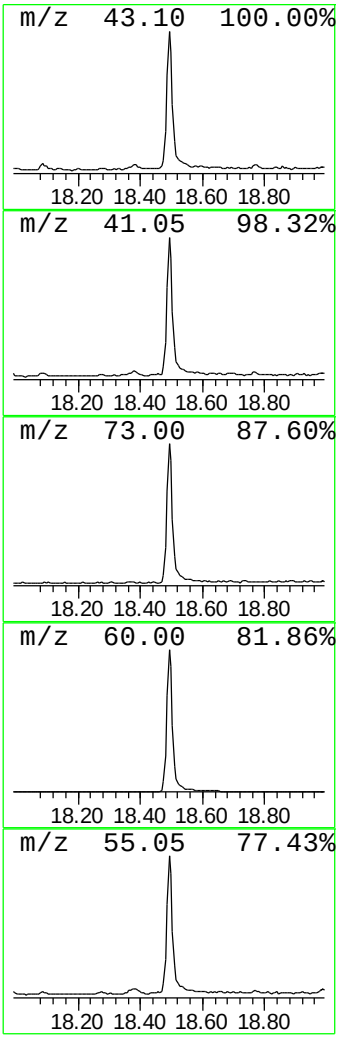
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	10.92 ng	855483	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

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Sample : J3853-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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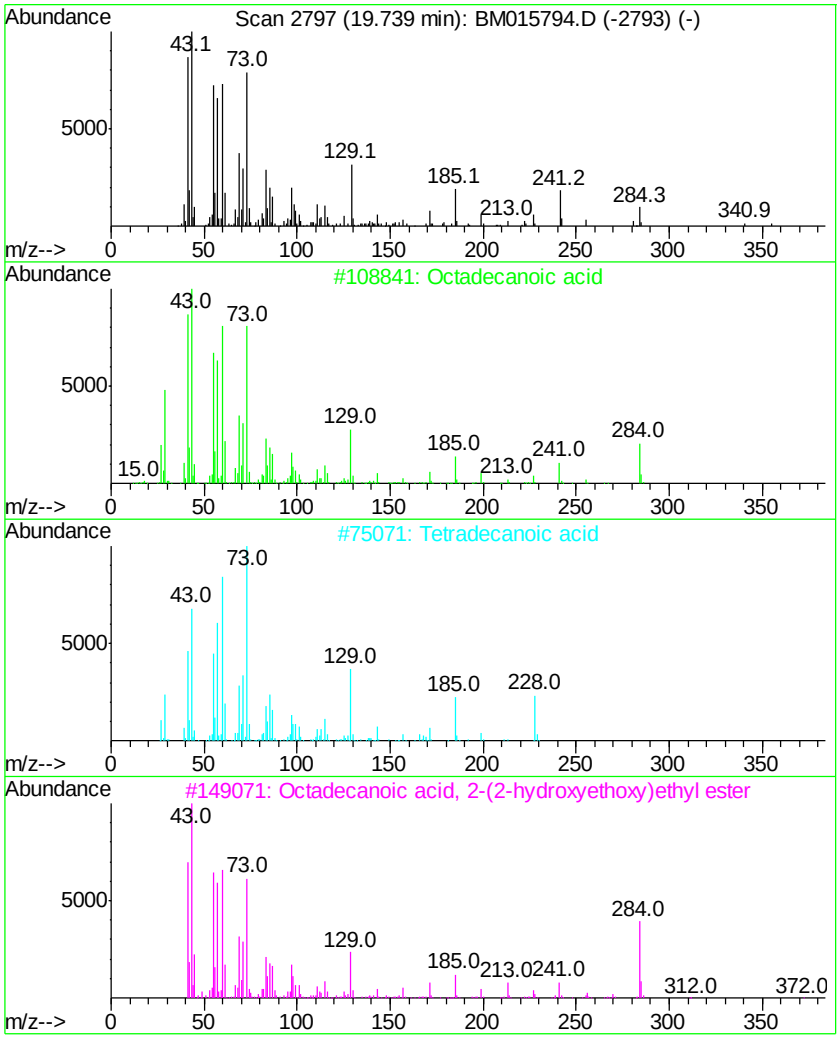
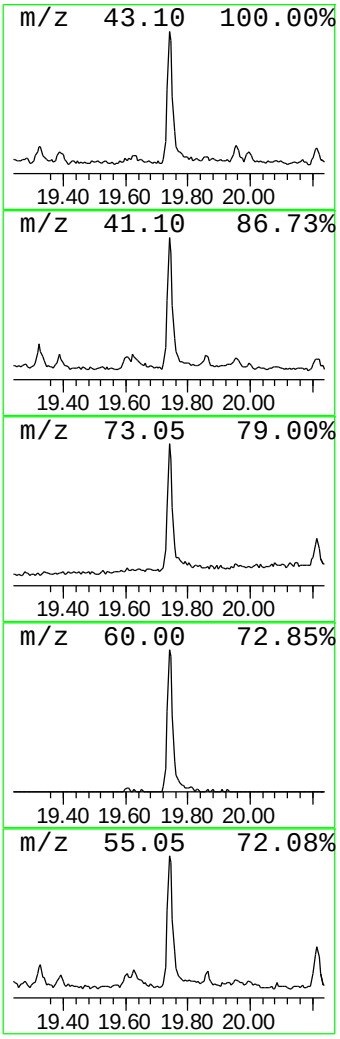
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	6.48 ng	400302	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Sample : J3853-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

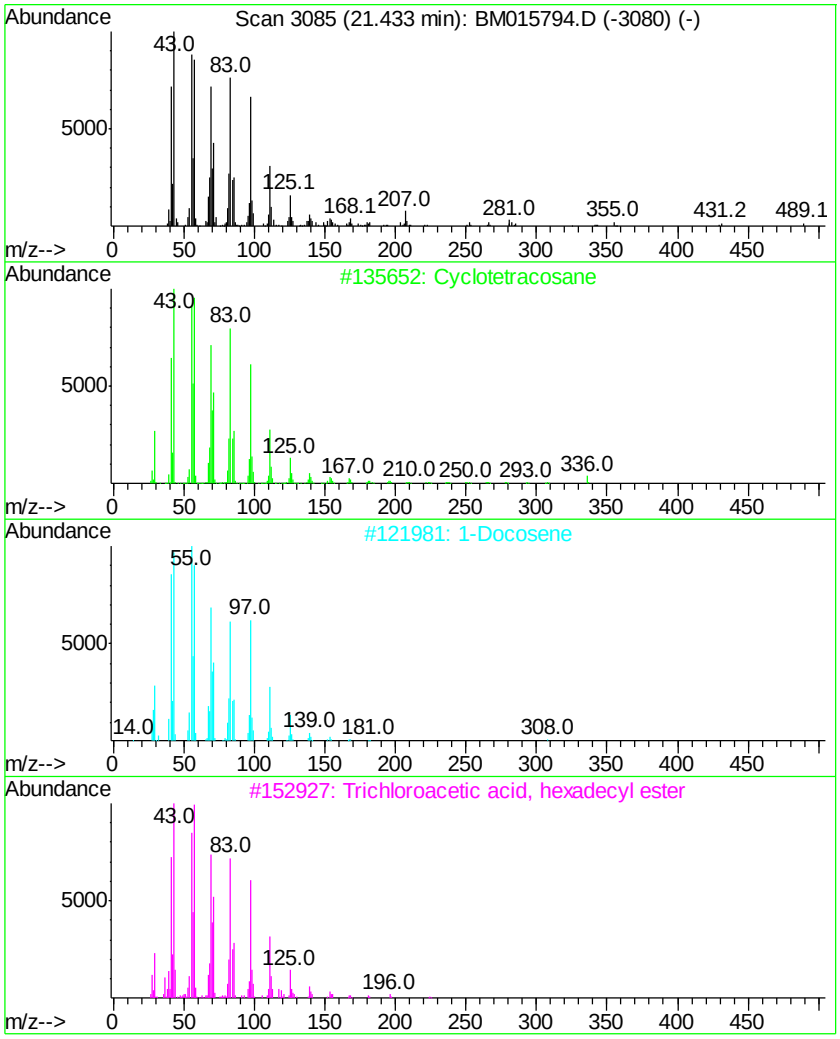
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

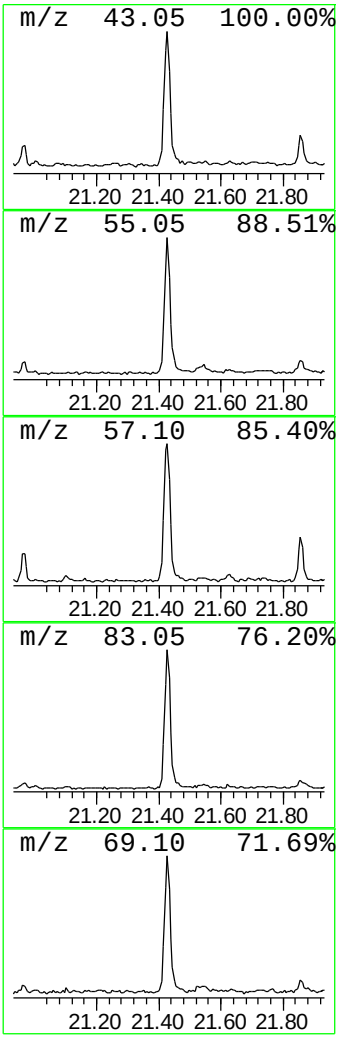
****

Peak Number 6 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	6.83 ng	422000	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : WP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.33	5.5	ng	257407	1	8.31	929174	20.0
unknown7.83	7.83	97.1	ng	4510780	1	8.31	929174	20.0
n-Hexadecanoic acid	18.49	10.9	ng	855483	4	17.66	1566290	20.0
Octadecanoic acid	19.74	6.5	ng	400302	5	21.76	1235810	20.0
Cyclotetracosane	21.43	6.8	ng	422000	5	21.76	1235810	20.0