LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018844.D
Acq On : 18 Feb 2019 18:36
Operator : JU/SJ
Sample : K1518-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-B-10

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-BM021119.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	4.857	297	301	315	rVB	339212	482461	3.10%	0.427%
2	5.299	369	376	389	rBV	7338608	10268577	65.95%	9.098%
3	6.881	638	645	663	rBV	6784367	11673296	74.97%	10.343%
4	7.240	698	706	723	rBV	7441286	11384793	73.12%	10.087%
5	7.704	778	785	792	rBV	1521261	2339892	15.03%	2.073%
6	8.022	832	839	850	rBV	5083487	7911571	50.81%	7.010%
7	8.875	975	984	998	rBV	3942797	6553145	42.09%	5.806%
8	10.492	1251	1259	1271	rBV	1928925	3193934	20.51%	2.830%
9	12.969	1673	1680	1695	rBV	9485548	13653161	87.68%	12.097%
10	13.816	1815	1824	1838	rBV	368077	579181	3.72%	0.513%
11	14.351	1909	1915	1926	rBV2	2559169	3982736	25.58%	3.529%
12	15.851	2161	2170	2194	rBV	7516133	10579042	67.94%	9.373%
13	17.104	2376	2383	2397	rBV2	2991616	4456174	28.62%	3.948%
14	17.992	2529	2534	2545	rBV	458213	690644	4.44%	0.612%
15	19.274	2748	2752	2759	rBV	148035	228159	1.47%	0.202%
16	19.739	2825	2831	2841	rBV	13061058	15571060	100.00%	13.797%
17	20.997	3041	3045	3058	rBV	554847	801378	5.15%	0.710%
18	21.297	3091	3096	3106	rVB	3061095	3858534	24.78%	3.419%
19	21.433	3116	3119	3123	rBV	182656	199126	1.28%	0.176%
20	21.868	3190	3193	3199	rBV	202133	230406	1.48%	0.204%
21	22.333	3268	3272	3281	rVB2	270791	390612	2.51%	0.346%
22	22.839	3354	3358	3363	rVB2	203242	276479	1.78%	0.245%
23	23.550	3473	3479	3490	rVB	1898496	3557291	22.85%	3.152%

Sum of corrected areas: 112861652

LSC Report - Integrated Chromatogram

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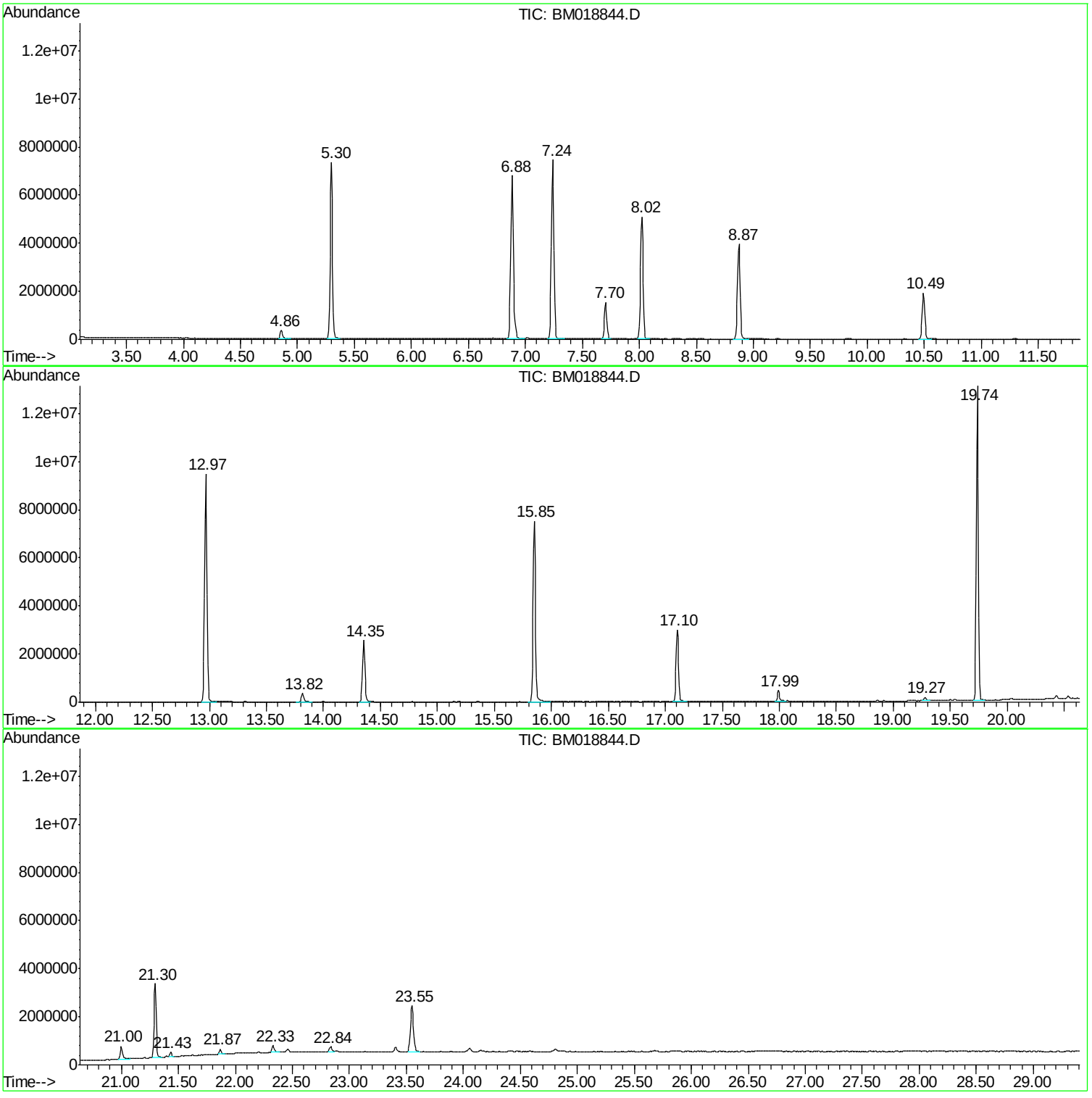
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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Sample : K1518-21
Misc :
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Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-B-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

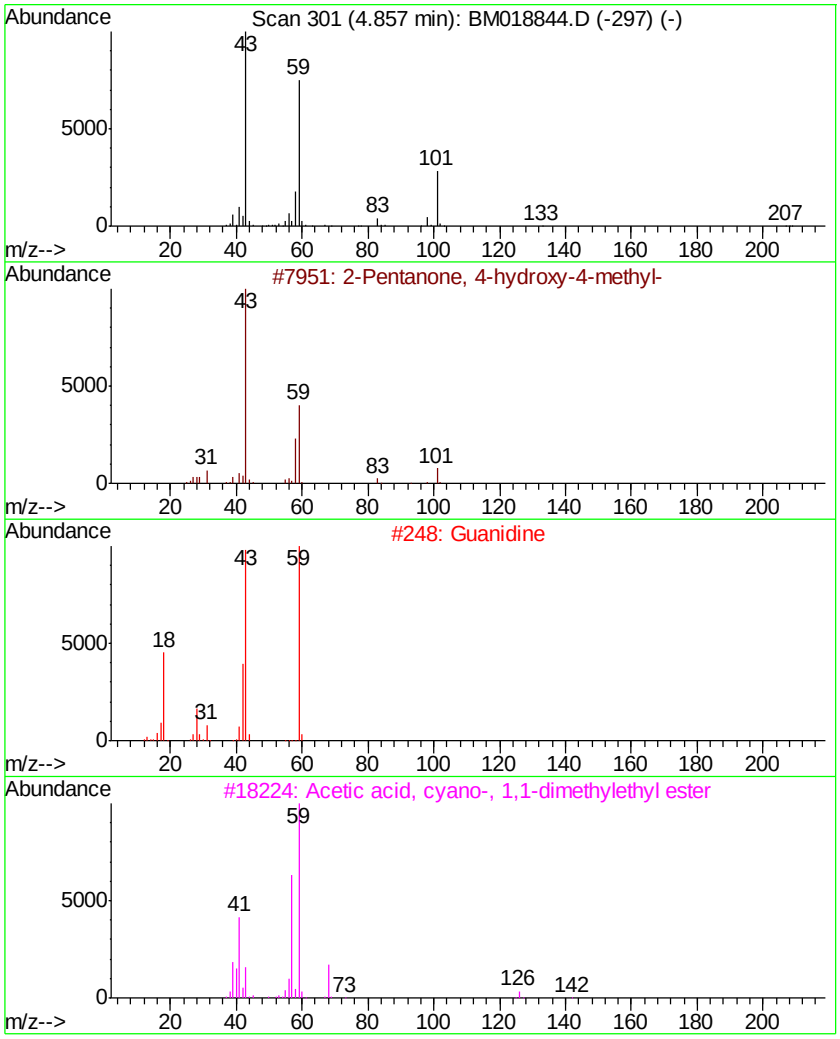
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

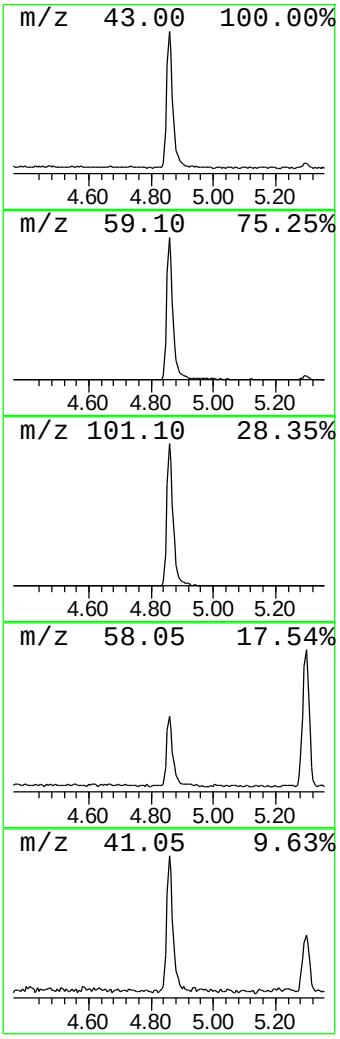
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	4.12 ng	482461	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	28
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018844.D
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Operator : JU/SJ
Sample : K1518-21
Misc :
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Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-B-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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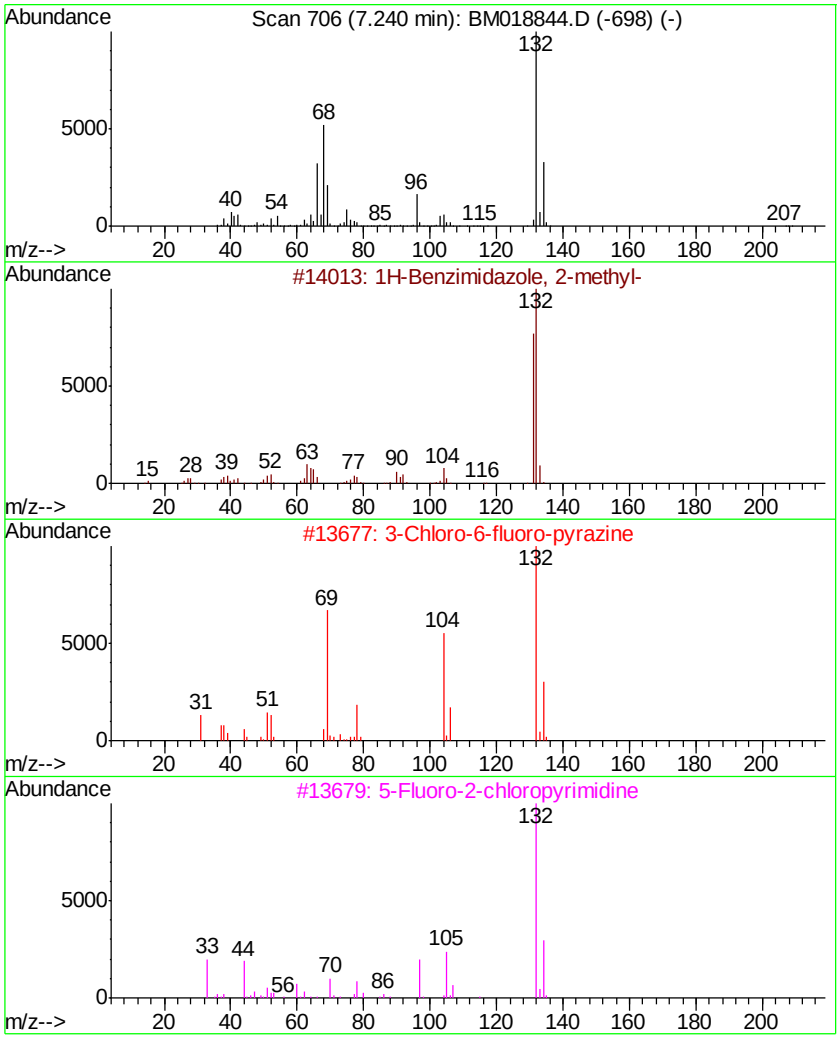
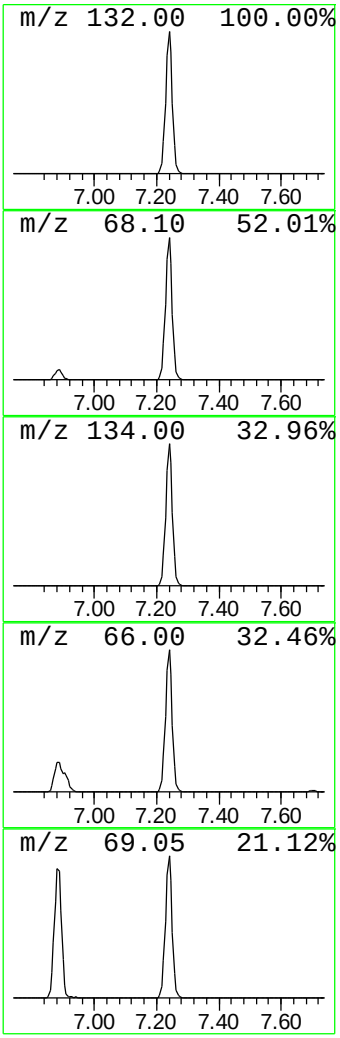
Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	97.31 ng	11384800	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Misc :
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Instrument : BNA_M
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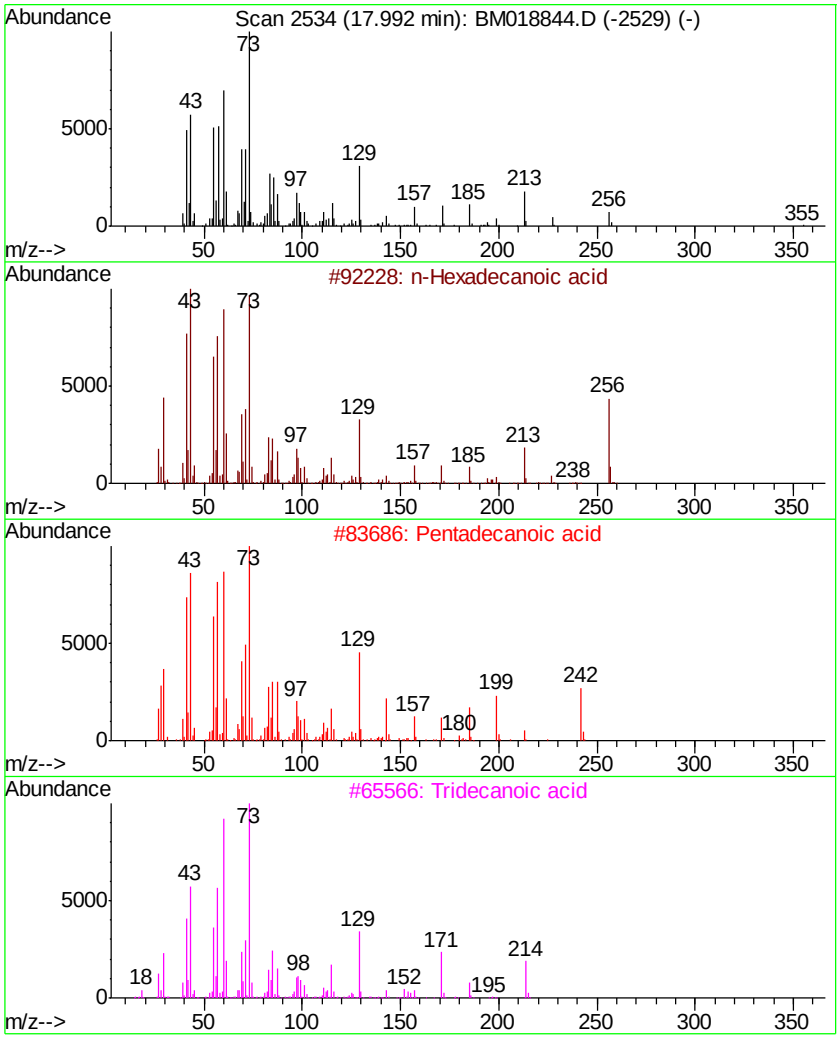
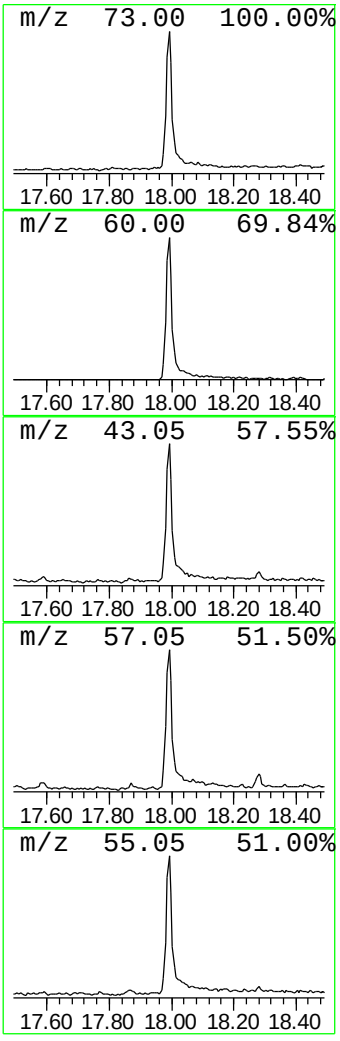
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.10 ng	690644	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Nonanoic acid	158	C9H18O2	000112-05-0	22
5	Tridecane	184	C13H28	000629-50-5	22





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Instrument :
BNA_M
ClientSampleId :
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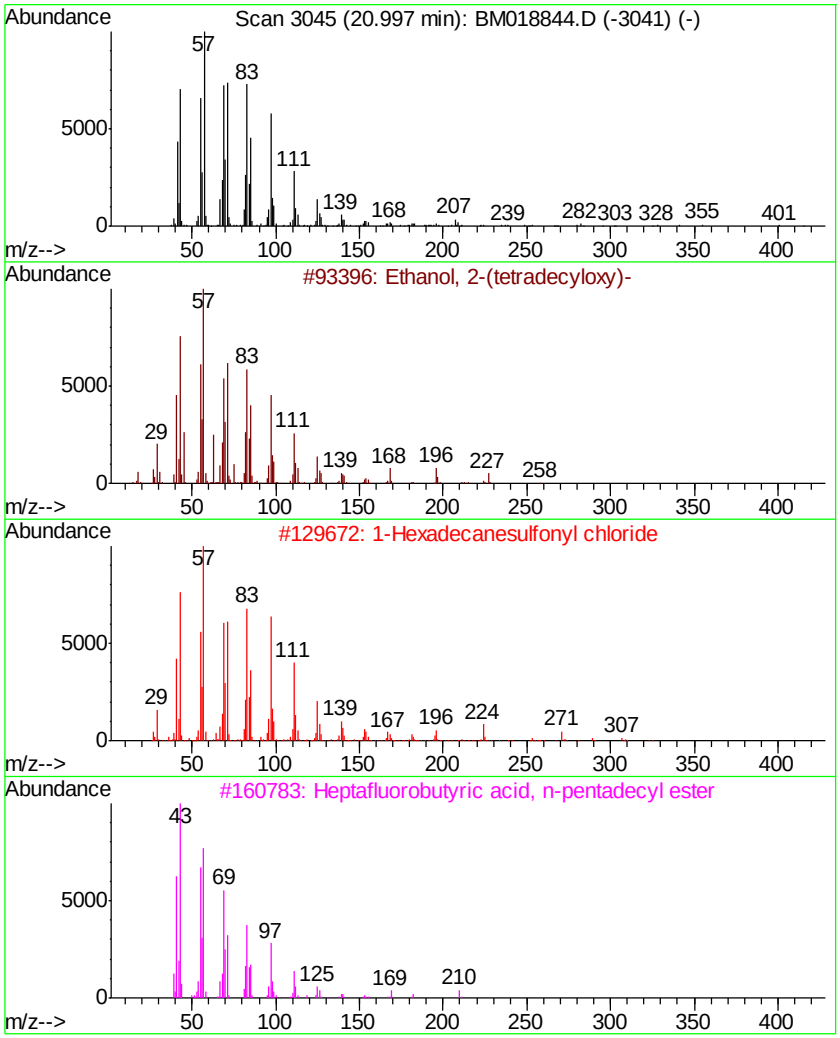
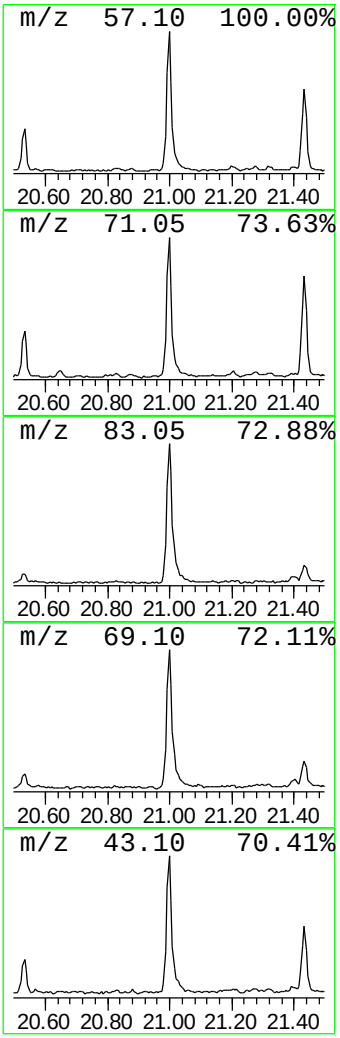
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.15 ng	801378	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	76
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	72
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68





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

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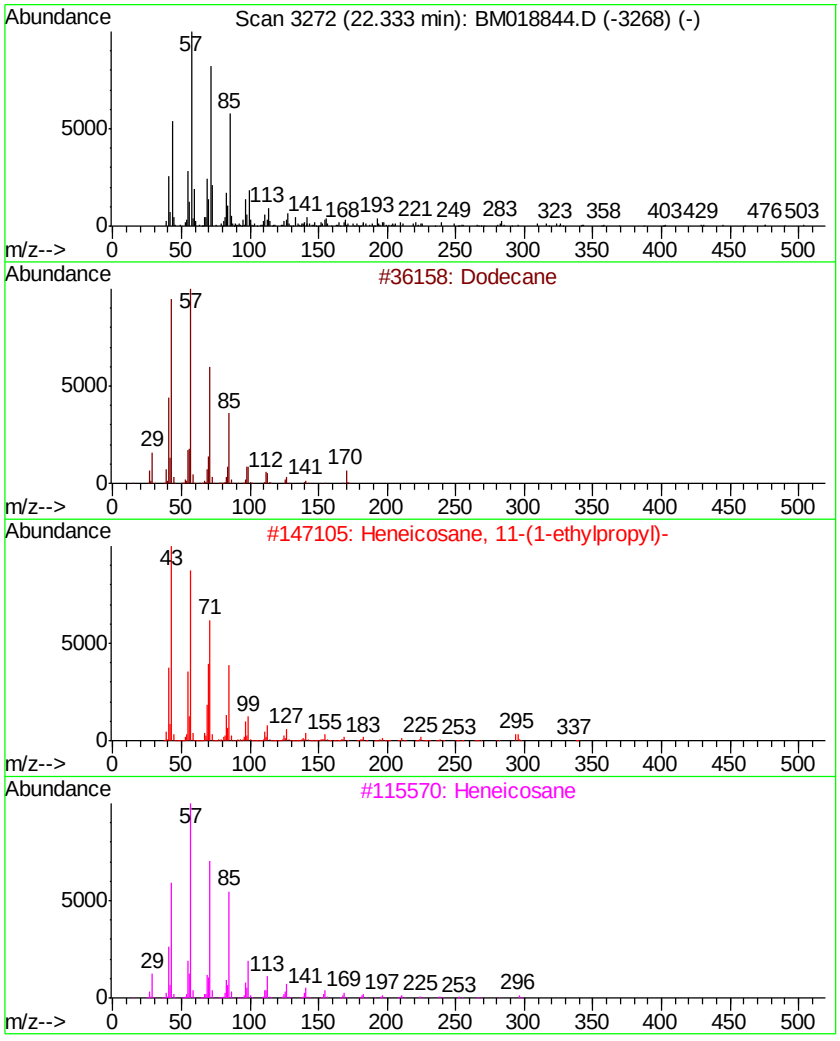
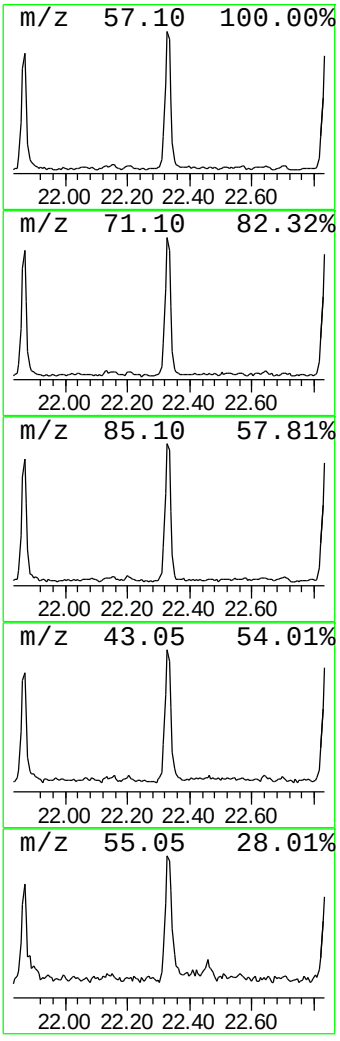
Peak Number 6 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.02 ng	390612	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetracosane	338	C24H50	000646-31-1	72
5	Tetratetracontane	619	C44H90	007098-22-8	70





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	4.1	ng	482461	1	7.70	2339890	20.0
unknown7.24	7.24	97.3	ng	11384800	1	7.70	2339890	20.0
n-Hexadecanoic acid	17.99	3.1	ng	690644	4	17.10	4456170	20.0
Ethanol, 2-(tetra...	21.00	4.2	ng	801378	5	21.30	3858530	20.0
Dodecane	22.33	2.0	ng	390612	5	21.30	3858530	20.0