LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

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	4.852	295	300	308	rBV	145461	213023	2.17%	0.290%
2	5.287	368	374	389	rBV	3719604	5555182	56.59%	7.562%
3	6.869	636	643	660	rBV	3736748	6112511	62.27%	8.321%
4	7.228	697	704	725	rBV	3923843	6244183	63.61%	8.500%
5	7.699	777	784	792	rBV	1212890	1933257	19.69%	2.632%
6	8.010	829	837	848	rBV	2634071	4258769	43.38%	5.798%
7	8.863	975	982	1006	rBV	2154041	3668641	37.37%	4.994%
8	10.487	1250	1258	1272	rBV	1549139	2720673	27.72%	3.704%
9	12.963	1672	1679	1694	rBV	4936353	7249392	73.85%	9.869%
10	13.816	1818	1824	1836	rBV	218404	363871	3.71%	0.495%
11	14.345	1906	1914	1923	rBV2	2277318	3559841	36.26%	4.846%
12	15.845	2162	2169	2189	rBV	3963752	6153329	62.68%	8.377%
13	17.098	2376	2382	2387	rBV	3037033	4203283	42.82%	5.722%
14	17.139	2387	2389	2399	rVB	230954	321162	3.27%	0.437%
15	17.986	2527	2533	2537	rBV2	329817	472748	4.82%	0.644%
16	19.163	2728	2733	2739	rBV	300682	409347	4.17%	0.557%
17	19.274	2748	2752	2757	rBV	111827	160874	1.64%	0.219%
18	19.527	2791	2795	2803	rVB	236751	358480	3.65%	0.488%
19	19.733	2824	2830	2843	rBV	8091356	9816384	100.00%	13.363%
20	20.998	3040	3045	3054	rBV2	356283	544081	5.54%	0.741%
21	21.292	3090	3095	3100	rBV	3284054	4272151	43.52%	5.816%
22	21.433	3116	3119	3124	rVB	187680	200572	2.04%	0.273%
23	21.862	3189	3192	3198	rBV	240451	279146	2.84%	0.380%
24	22.327	3268	3271	3279	rVB	309807	412706	4.20%	0.562%
25	22.833	3354	3357	3361	rBV	232429	309959	3.16%	0.422%
26	23.403	3450	3454	3459	rVB2	193064	276796	2.82%	0.377%
27	23.545	3472	3478	3486	rBV	1822899	3386946	34.50%	4.611%

Sum of corrected areas: 73457307

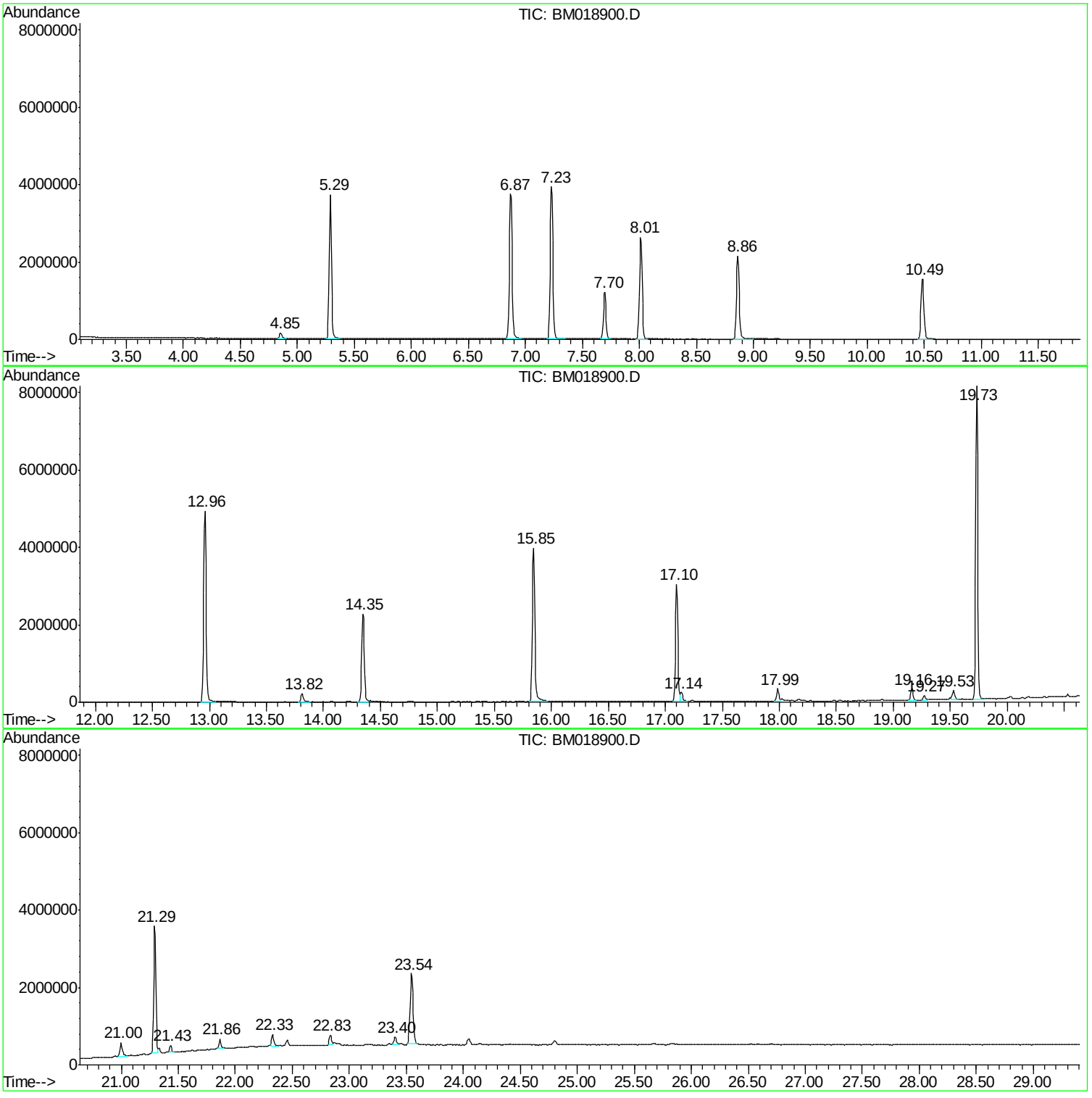
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

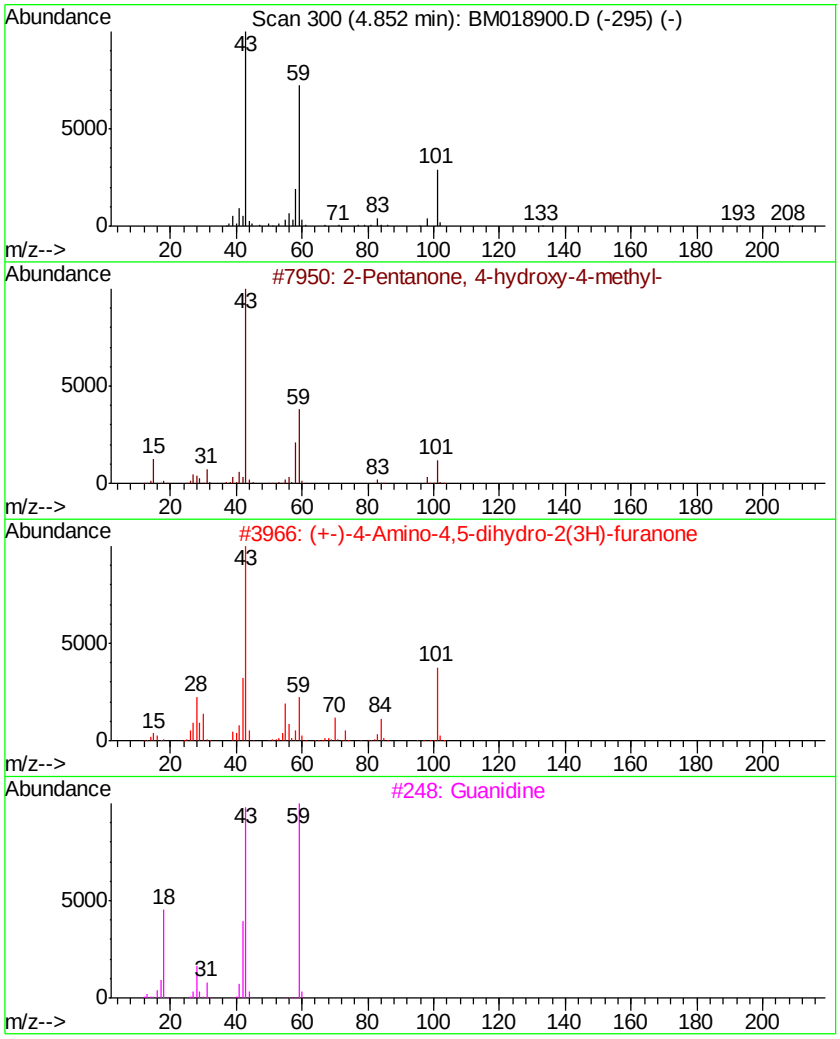
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

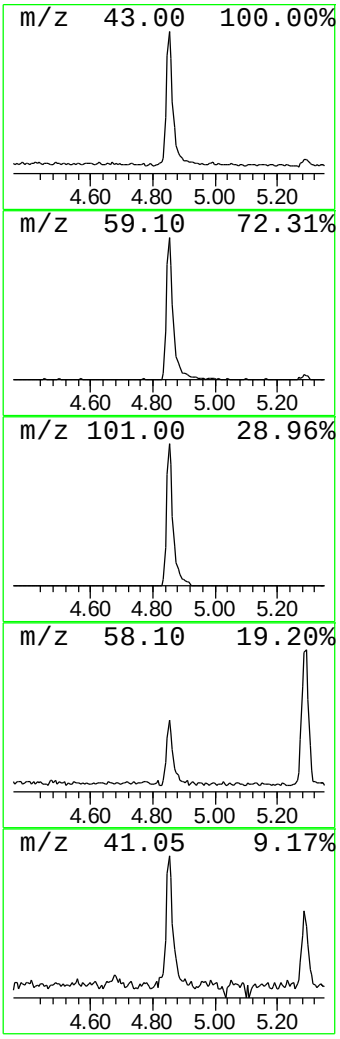
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.20 ng	213023	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	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

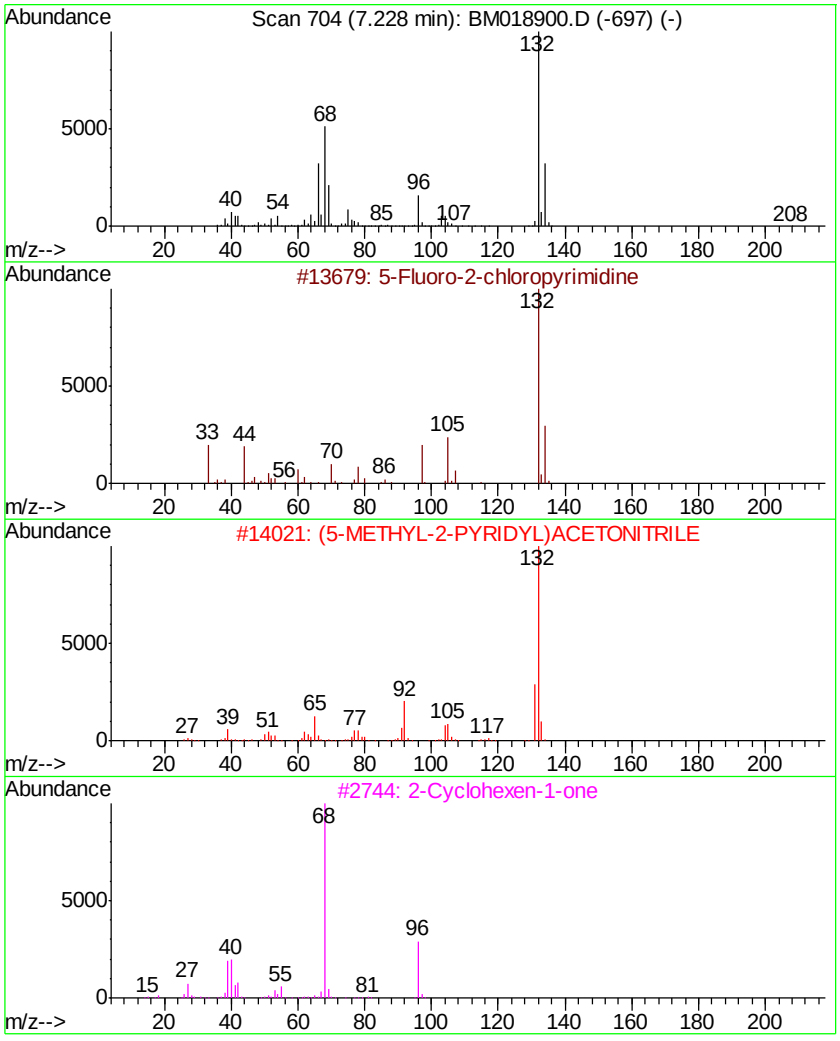
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

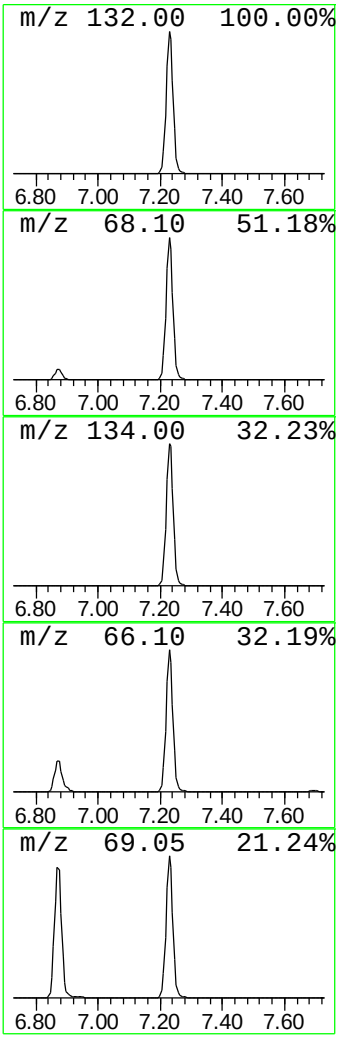
****

Peak Number 2 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	64.60 ng	6244180	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Xenon	132	Xe	007440-63-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

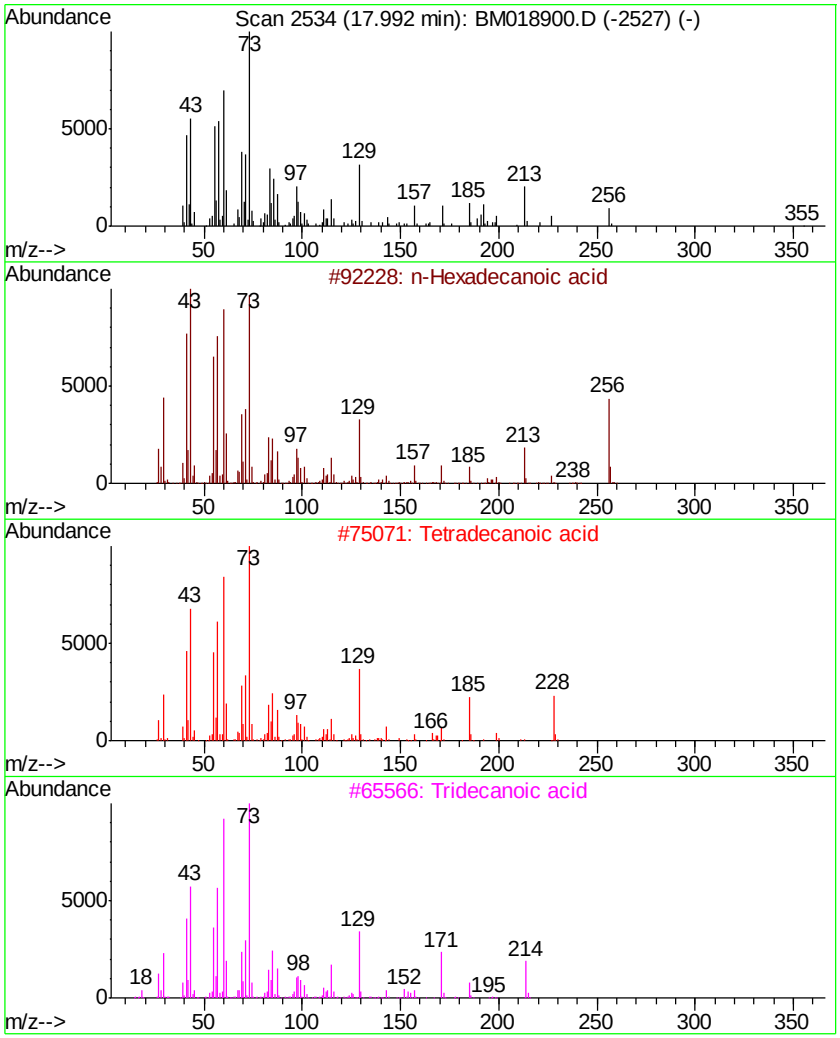
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

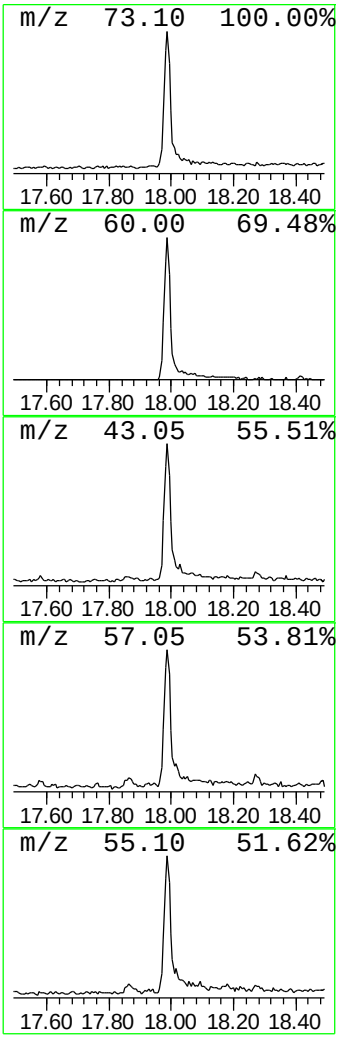
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.25 ng	472748	Phenanthrene-d10	17.10

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	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Dodecane	170	C12H26	000112-40-3	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

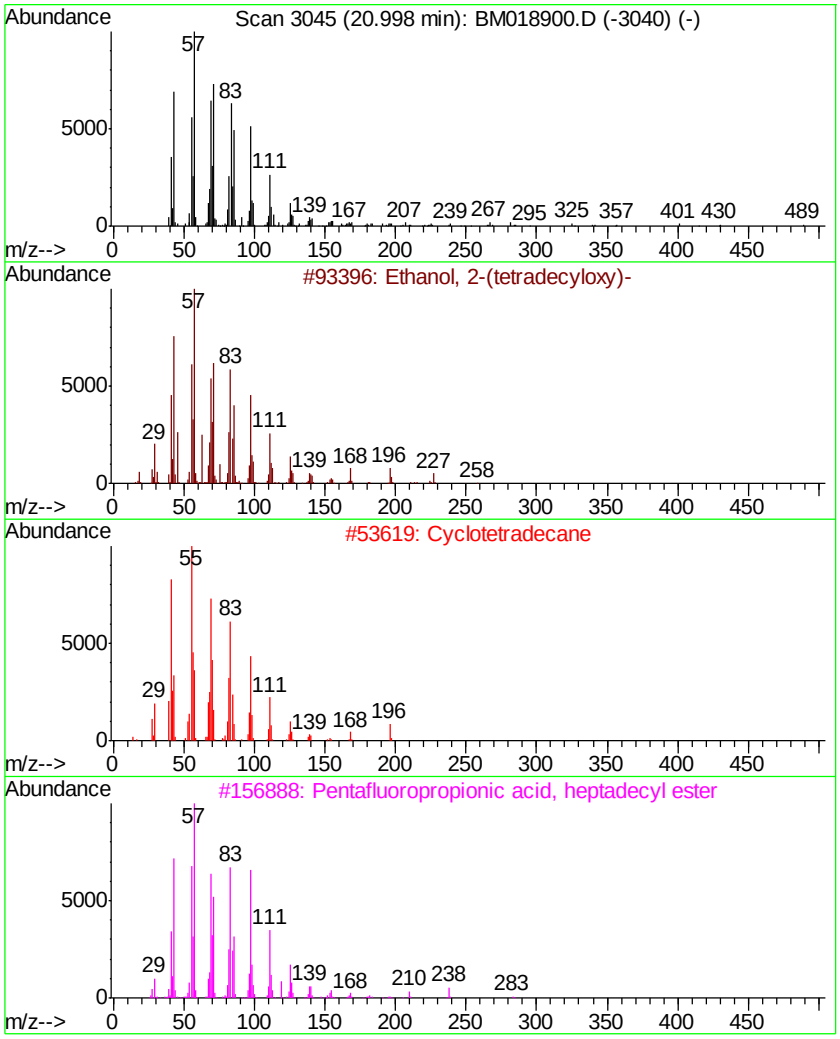
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

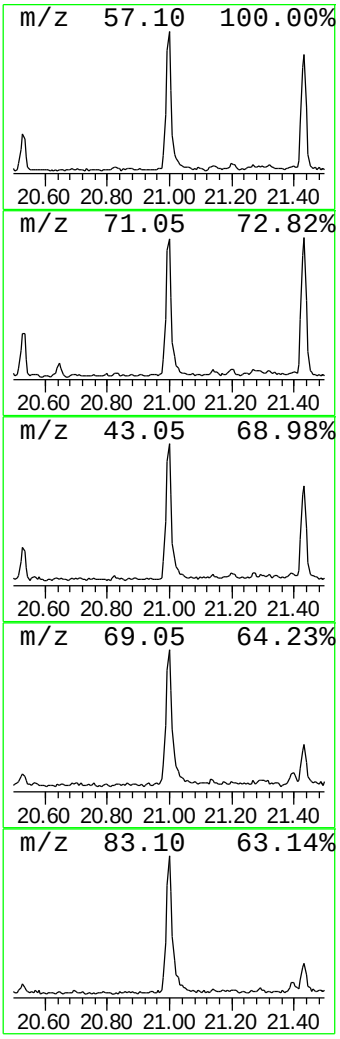
****

Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.55 ng	544081	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Cyclotetradecane	196	C14H28	000295-17-0	87
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
Data File : BM018900.D
Acq On : 21 Feb 2019 17:44
Operator : JU/SJ
Sample : K1546-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200036

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.85	2.2	ng	213023	1	7.70	1933260	20.0
unknown7.23	7.23	64.6	ng	6244180	1	7.70	1933260	20.0
n-Hexadecanoic acid	17.99	2.3	ng	472748	4	17.10	4203280	20.0
Ethanol, 2-(tetra...	21.00	2.5	ng	544081	5	21.29	4272150	20.0