LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-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:\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	296	301	311	rBV	180382	269018	2.05%	0.325%
2	5.298	369	376	390	rBV	4643619	6840959	52.09%	8.254%
3	6.881	637	645	667	rBV	4595150	7535705	57.38%	9.093%
4	7.239	698	706	718	rBV	4782931	7571885	57.66%	9.136%
5	7.704	778	785	793	rBV	1085782	1698516	12.93%	2.049%
6	8.022	831	839	848	rBV	3338062	5382760	40.99%	6.495%
7	8.869	975	983	1002	rBV	2624714	4418722	33.65%	5.332%
8	10.492	1251	1259	1272	rBV	1360275	2315818	17.63%	2.794%
9	12.969	1673	1680	1701	rBV	6369170	9270195	70.59%	11.186%
10	13.821	1818	1825	1840	rBV	240327	401830	3.06%	0.485%
11	14.351	1909	1915	1933	rVB2	1879082	2932719	22.33%	3.539%
12	15.851	2163	2170	2189	rBV	4849097	7369299	56.12%	8.892%
13	17.104	2377	2383	2395	rBV	2444847	3500720	26.66%	4.224%
14	17.992	2528	2534	2544	rBV	339385	534314	4.07%	0.645%
15	19.274	2748	2752	2763	rBV	133194	213060	1.62%	0.257%
16	19.739	2825	2831	2846	rBV	11175398	13132376	100.00%	15.846%
17	20.997	3041	3045	3056	rBV	416864	609915	4.64%	0.736%
18	21.297	3091	3096	3107	rBV	3201474	3957959	30.14%	4.776%
19	21.433	3116	3119	3126	rBV	231390	258881	1.97%	0.312%
20	21.868	3190	3193	3200	rBV	264144	333277	2.54%	0.402%
21	22.333	3268	3272	3280	rVB	275386	381274	2.90%	0.460%
22	22.839	3354	3358	3362	rBV	281368	362183	2.76%	0.437%
23	23.403	3451	3454	3460	rVB	215088	322597	2.46%	0.389%
24	23.550	3473	3479	3490	rVB	1710320	3261702	24.84%	3.936%

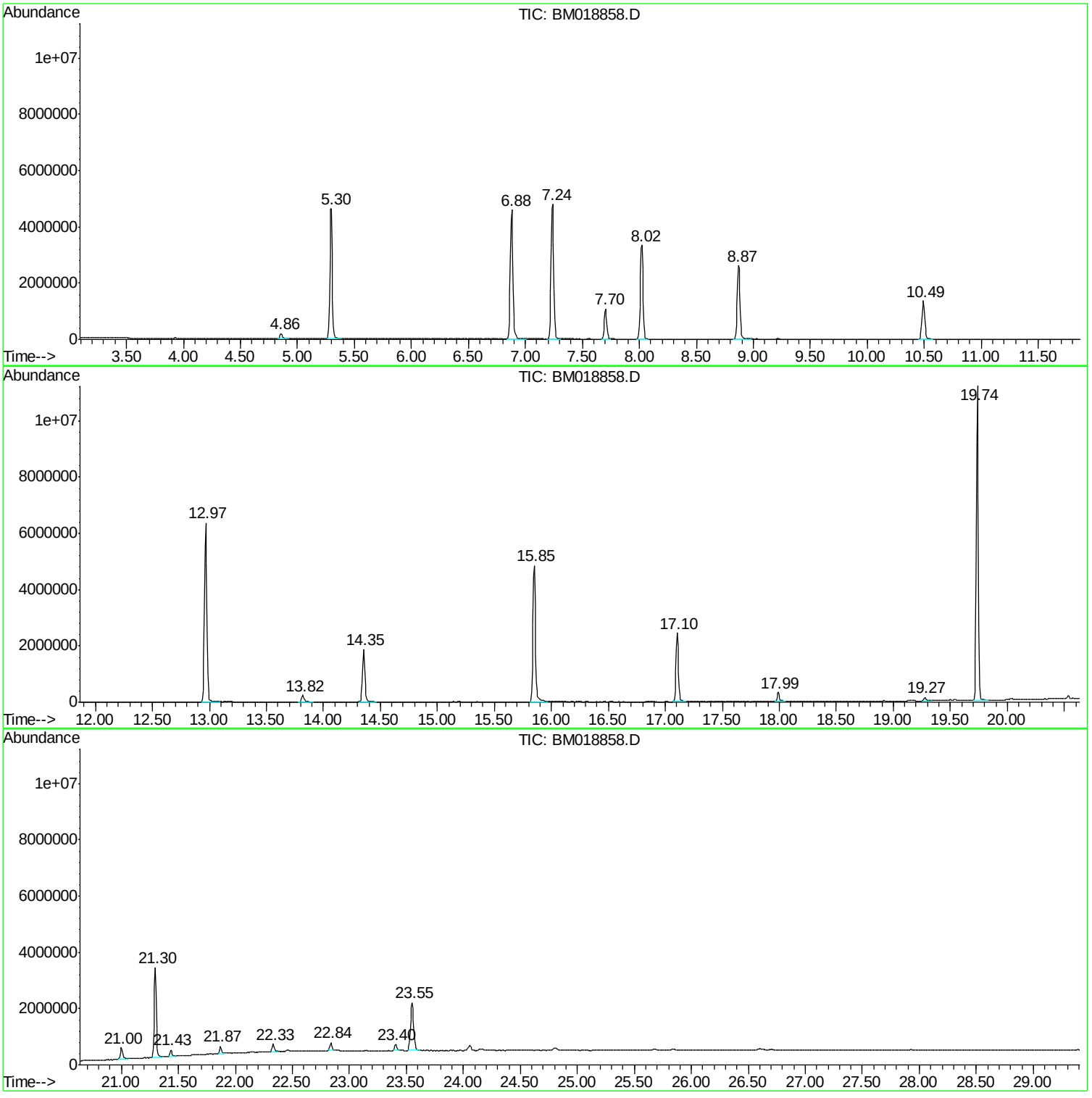
Sum of corrected areas: 82875684

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TS-5

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\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-5

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

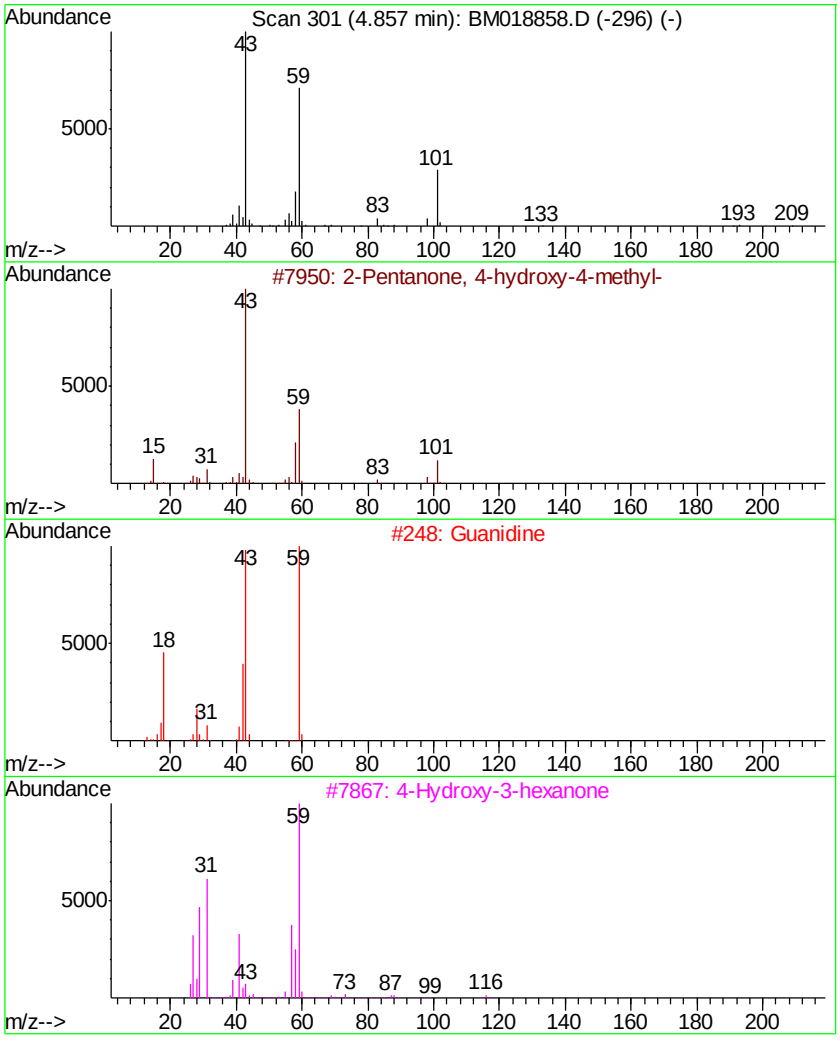
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

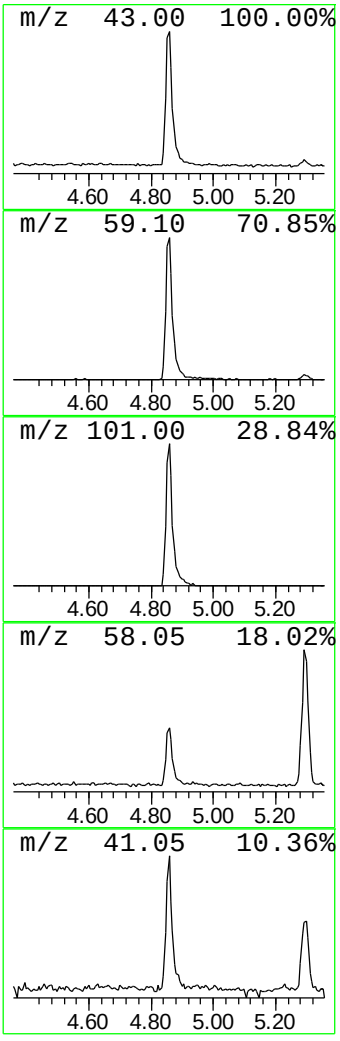
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.17 ng	269018	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	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	32
4	Dimethadione	129	C5H7NO3	000695-53-4	28
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-5

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

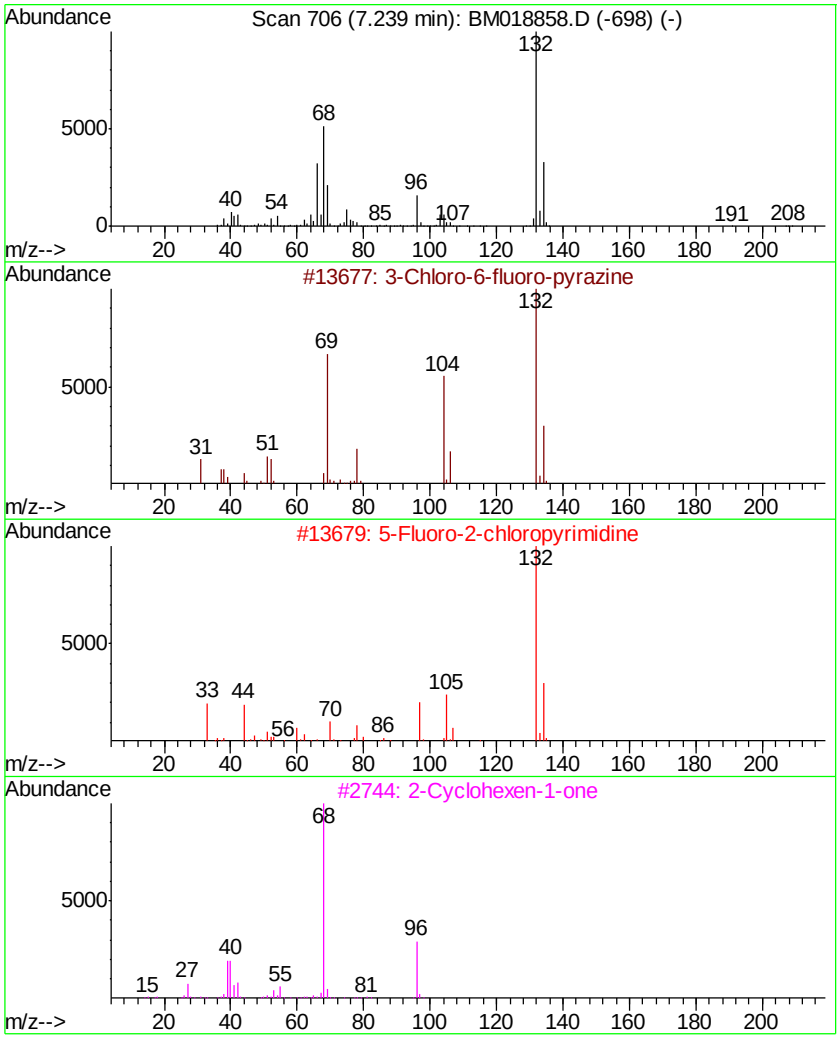
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

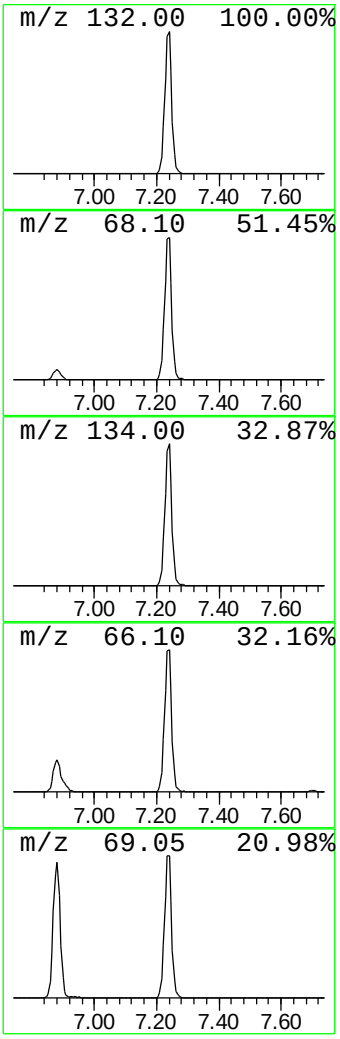
****

Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	89.16 ng	7571890	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-5

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

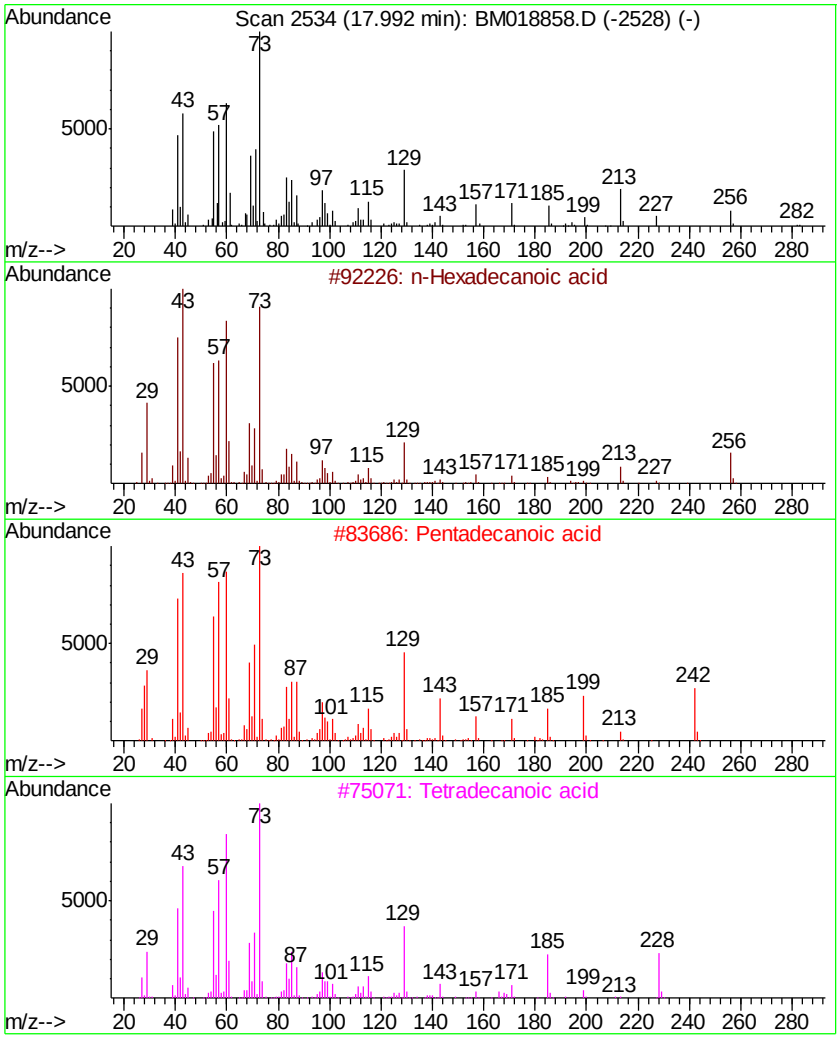
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

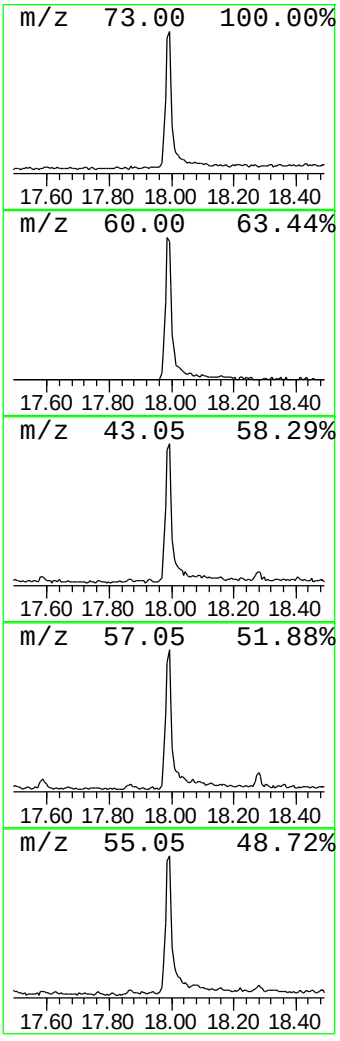
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.05 ng	534314	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-5

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

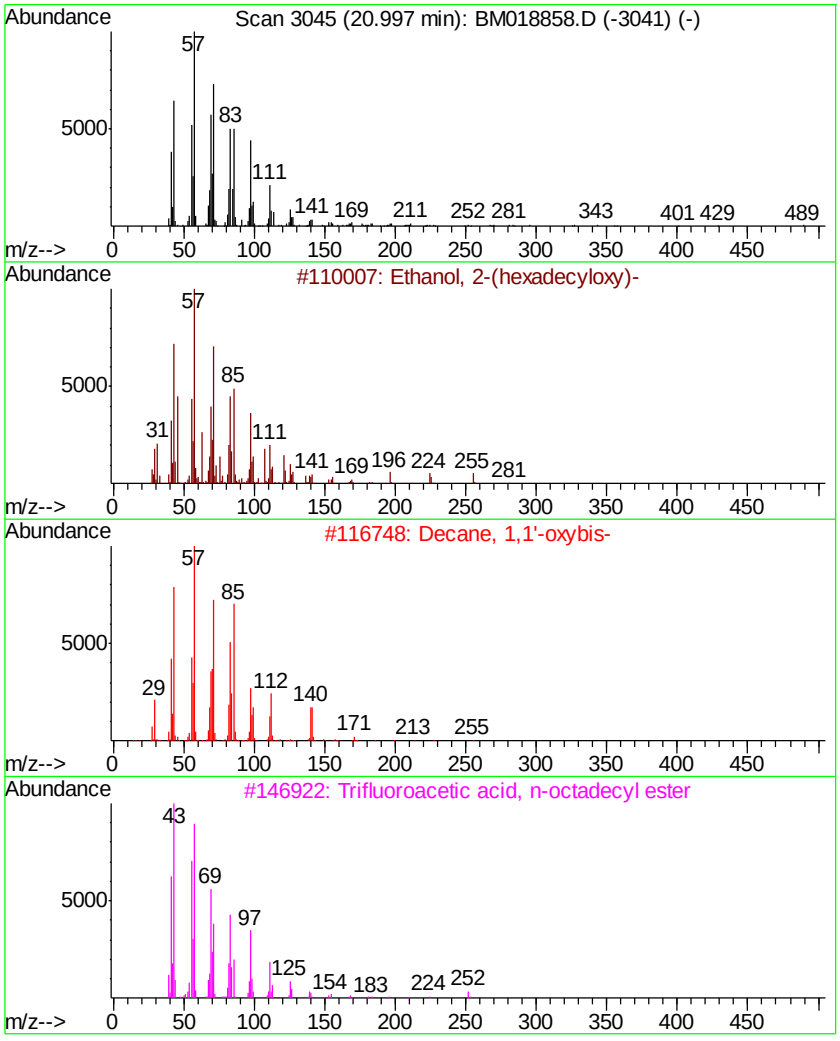
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

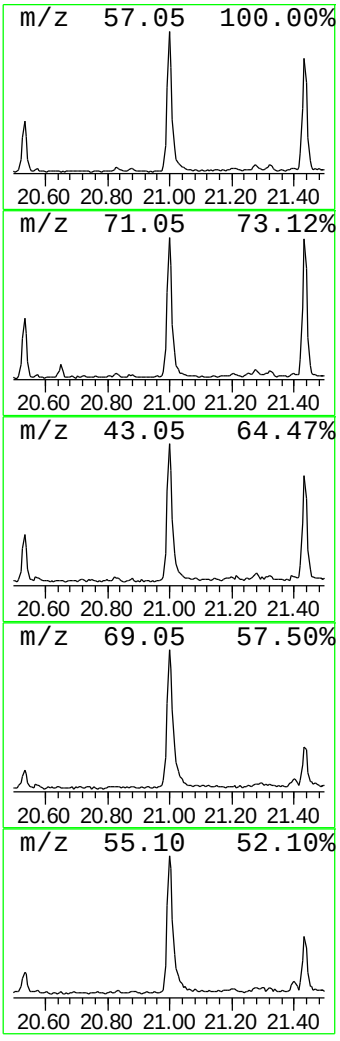
****

Peak Number 5 Ethanol, 2-(hexadecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.08 ng	609915	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	74
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	70
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-5

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

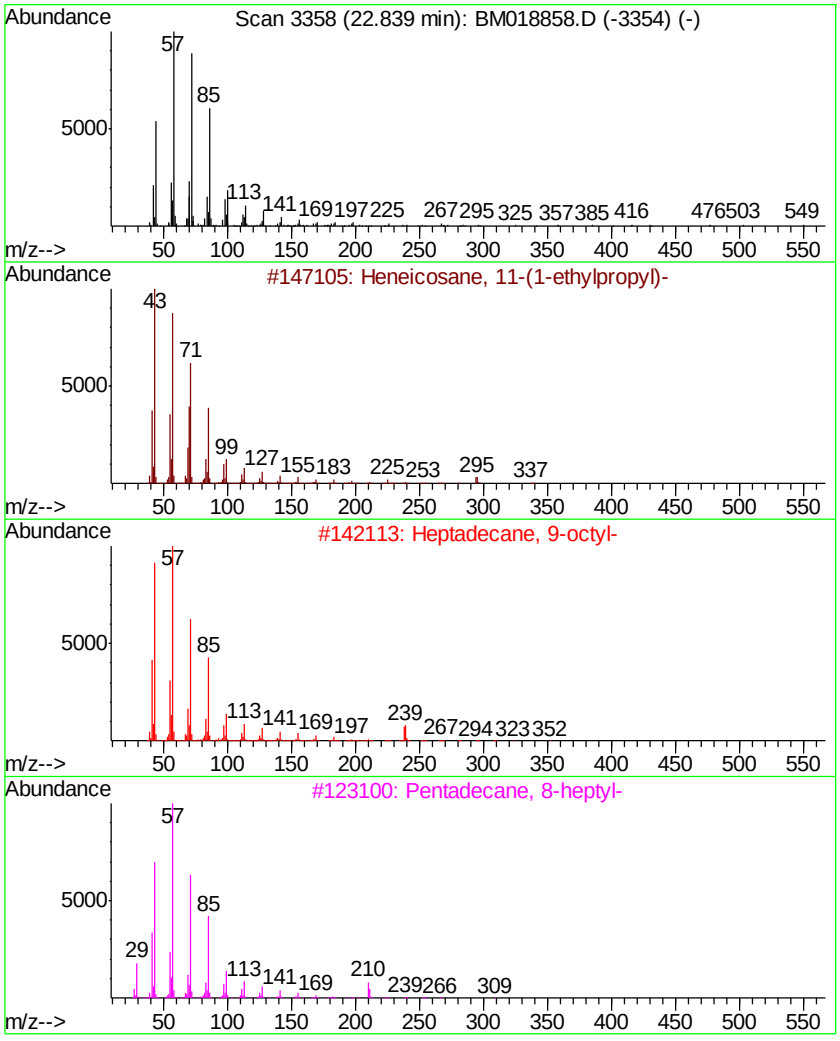
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

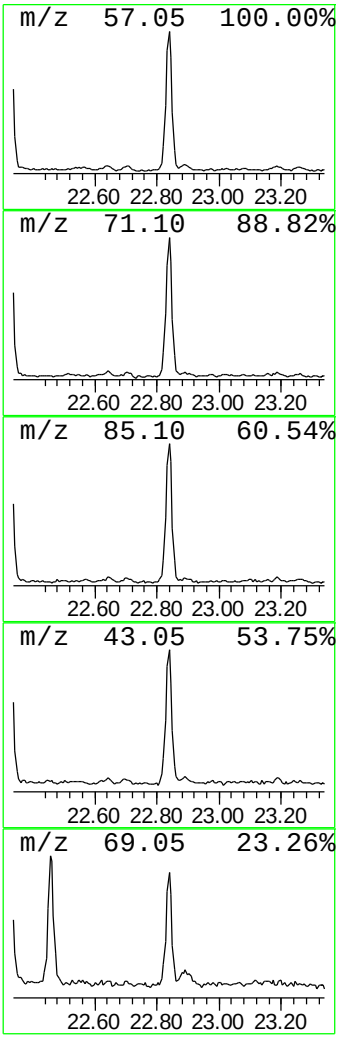
****

Peak Number 6 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.22 ng	362183	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
Data File : BM018858.D
Acq On : 19 Feb 2019 15:58
Operator : JU/SJ
Sample : K1515-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-5

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...	4.86	3.2	ng	269018	1	7.70	1698520	20.0
unknown7.24	7.24	89.2	ng	7571890	1	7.70	1698520	20.0
n-Hexadecanoic acid	17.99	3.0	ng	534314	4	17.10	3500720	20.0
Ethanol, 2-(hexad...	21.00	3.1	ng	609915	5	21.30	3957960	20.0
Heneicosane, 11-(...	22.84	2.2	ng	362183	6	23.55	3261700	20.0