LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019145.D
Acq On : 13 Mar 2019 14:37
Operator : JU/SJ
Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

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-BM031119.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	4.816	305	311	325	rBV	101099	174124	1.05%	0.202%
2	5.257	380	386	403	rBV	4161184	6141933	36.91%	7.134%
3	6.845	648	656	677	rBV	4481594	7477493	44.94%	8.686%
4	7.198	708	716	735	rBV	4399571	7097683	42.65%	8.245%
5	7.657	787	794	803	rBV	797481	1255214	7.54%	1.458%
6	7.975	840	848	863	rBV	3079827	4828168	29.02%	5.608%
7	8.828	984	993	1011	rBV	2310994	4064102	24.42%	4.721%
8	10.445	1260	1268	1289	rBV	990986	1780823	10.70%	2.069%
9	12.927	1683	1690	1712	rBV	7020655	10311210	61.97%	11.977%
10	13.780	1829	1835	1848	rBV	533097	833704	5.01%	0.968%
11	14.310	1919	1925	1937	rBV2	1702384	2773004	16.66%	3.221%
12	15.815	2174	2181	2196	rBV	6807345	9632210	57.89%	11.189%
13	17.068	2387	2394	2407	rBV	2427215	3590524	21.58%	4.171%
14	17.956	2540	2545	2559	rBV	212736	384372	2.31%	0.446%
15	19.703	2836	2842	2856	rBV	12993322	16640153	100.00%	19.329%
16	20.962	3052	3056	3068	rBV	650712	899596	5.41%	1.045%
17	21.268	3102	3108	3120	rBV	2987066	3928625	23.61%	4.563%
18	21.833	3201	3204	3207	rBV	144082	168404	1.01%	0.196%
19	22.286	3278	3281	3289	rBV	205942	280496	1.69%	0.326%
20	22.791	3364	3367	3372	rVB	238564	322584	1.94%	0.375%
21	23.356	3459	3463	3469	rVB	208154	324979	1.95%	0.377%
22	23.503	3481	3488	3499	rBV	1651802	3178829	19.10%	3.693%

Sum of corrected areas: 86088230

LSC Report - Integrated Chromatogram

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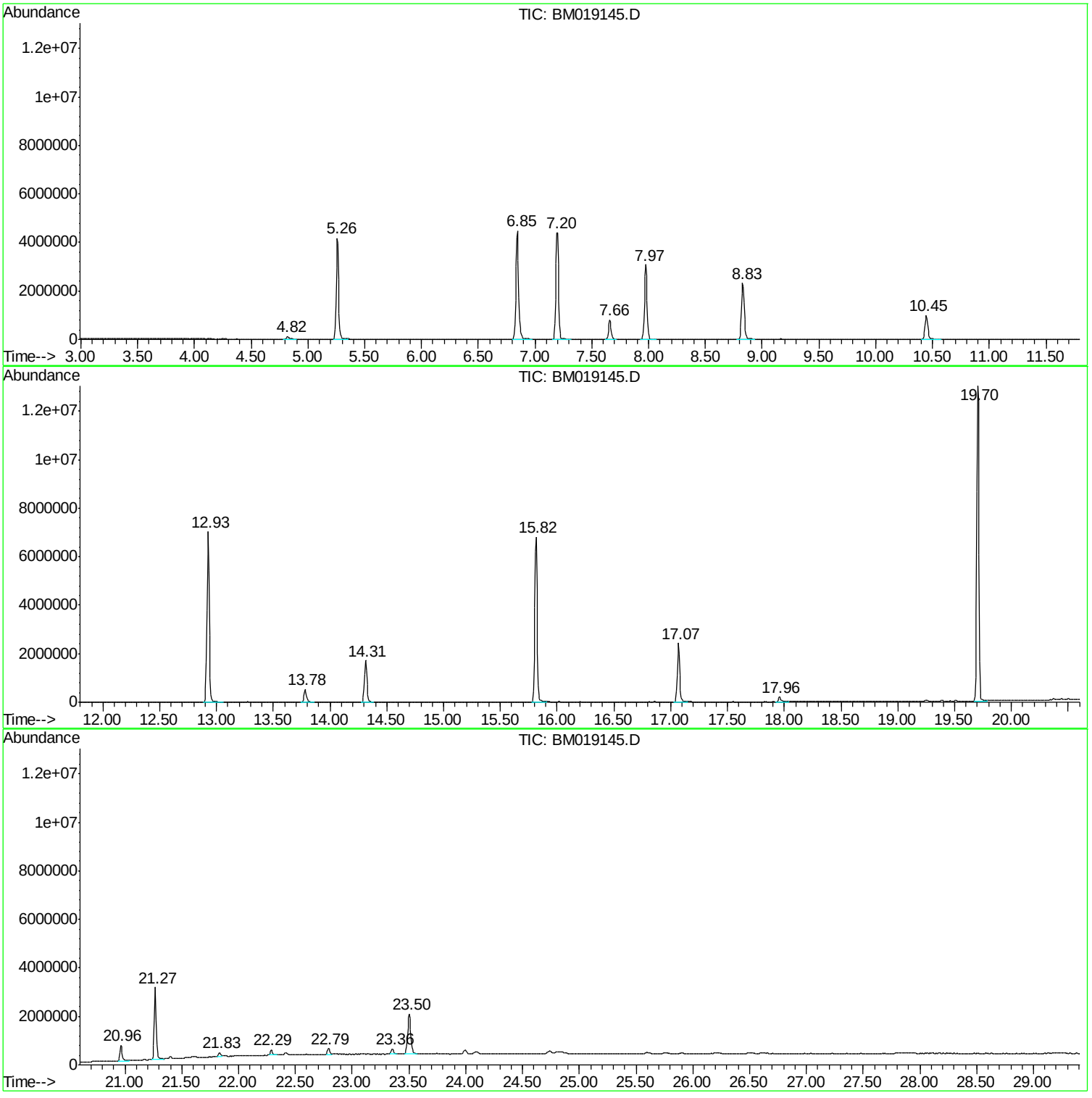
Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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\BM031319\
Data File : BM019145.D
Acq On : 13 Mar 2019 14:37
Operator : JU/SJ
Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

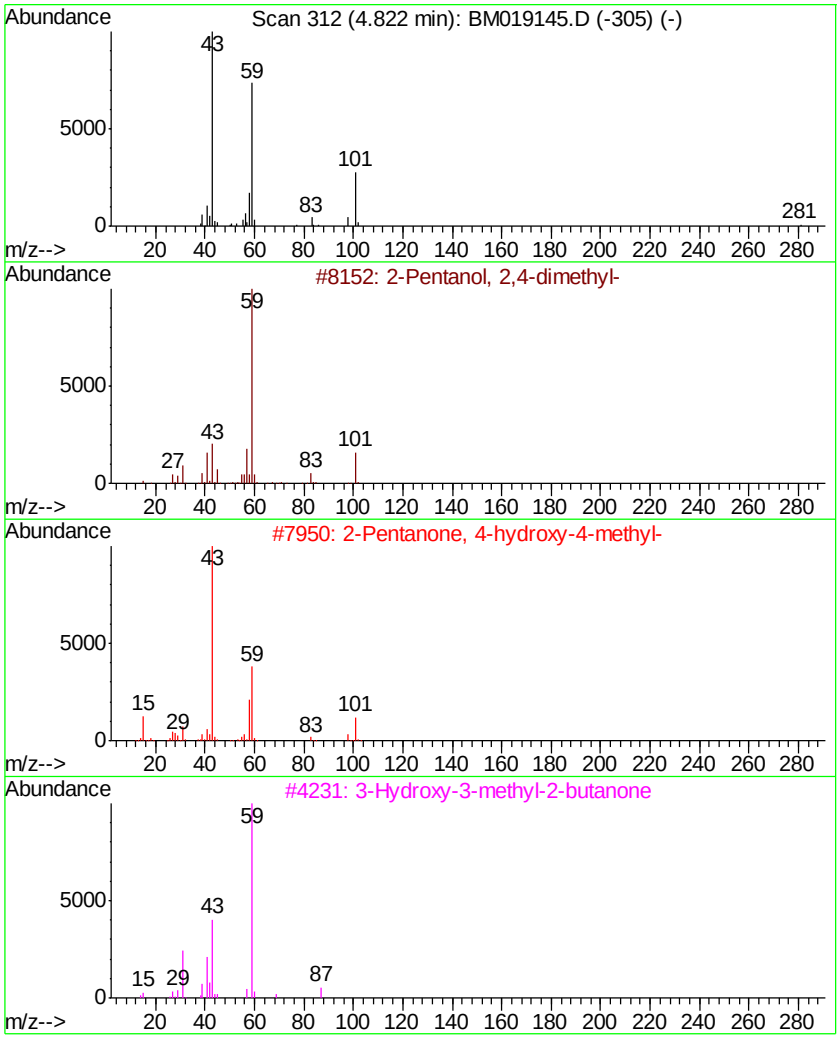
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

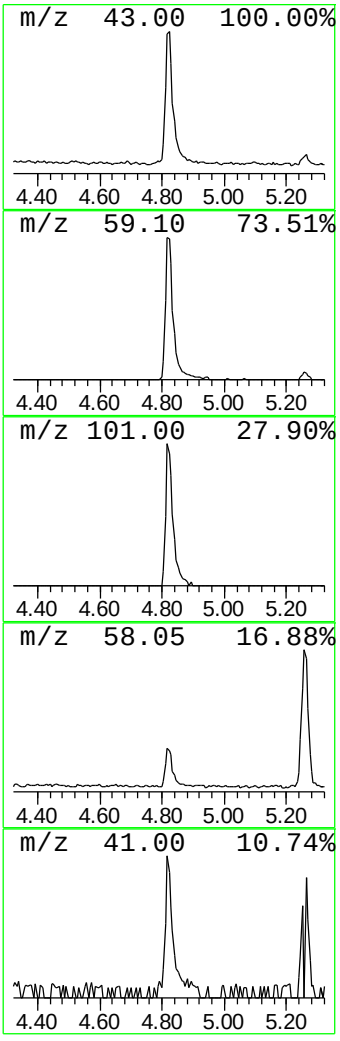
****

Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.77 ng	174124	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	37
4	Dimethadione	129	C5H7NO3	000695-53-4	36
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36





Library Search Compound Report

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Operator : JU/SJ
Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

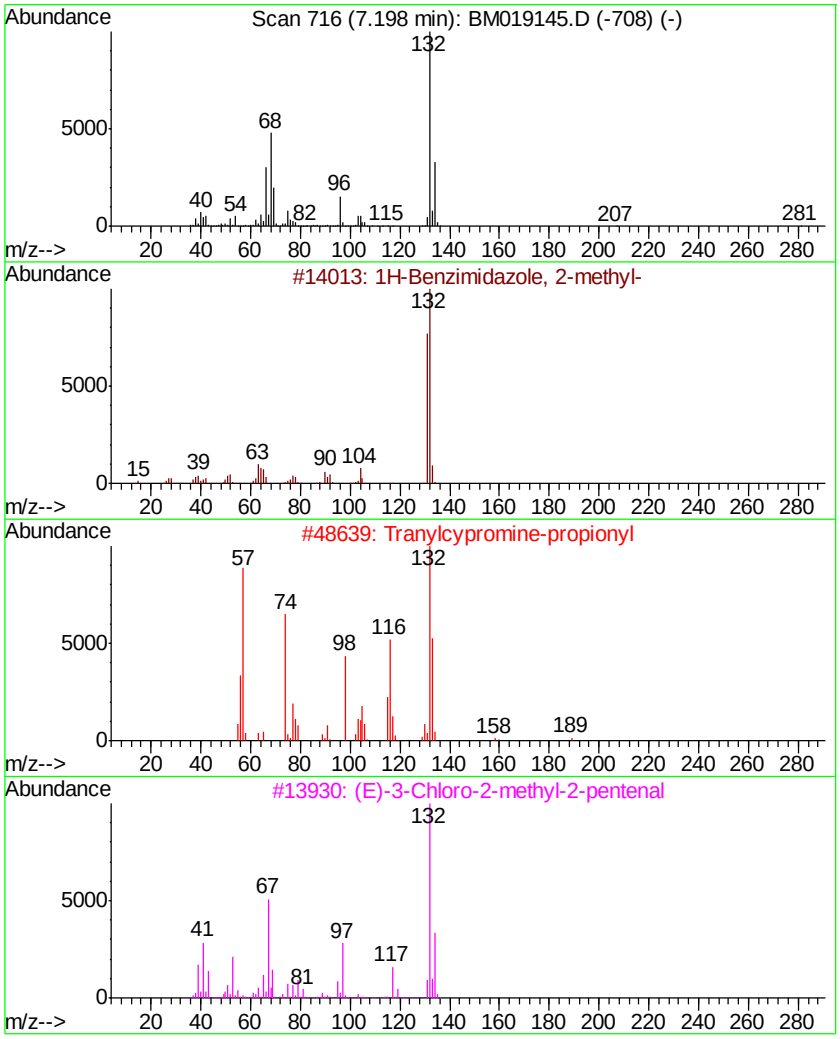
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

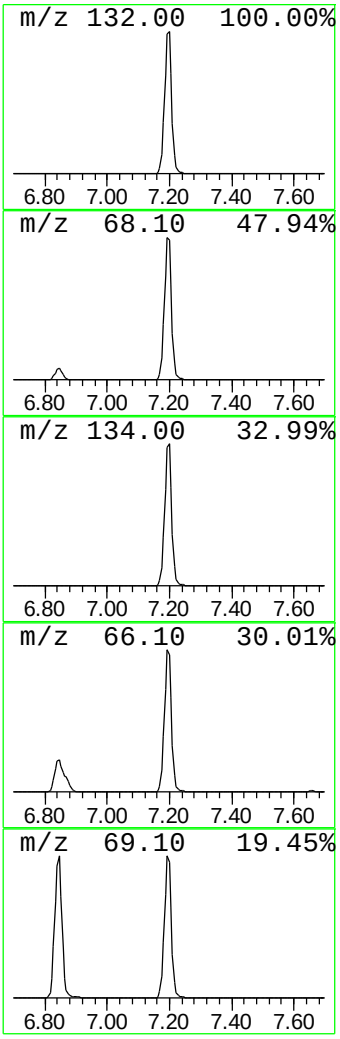
****

Peak Number 2 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	113.09 ng	7097680	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Data File : BM019145.D
Acq On : 13 Mar 2019 14:37
Operator : JU/SJ
Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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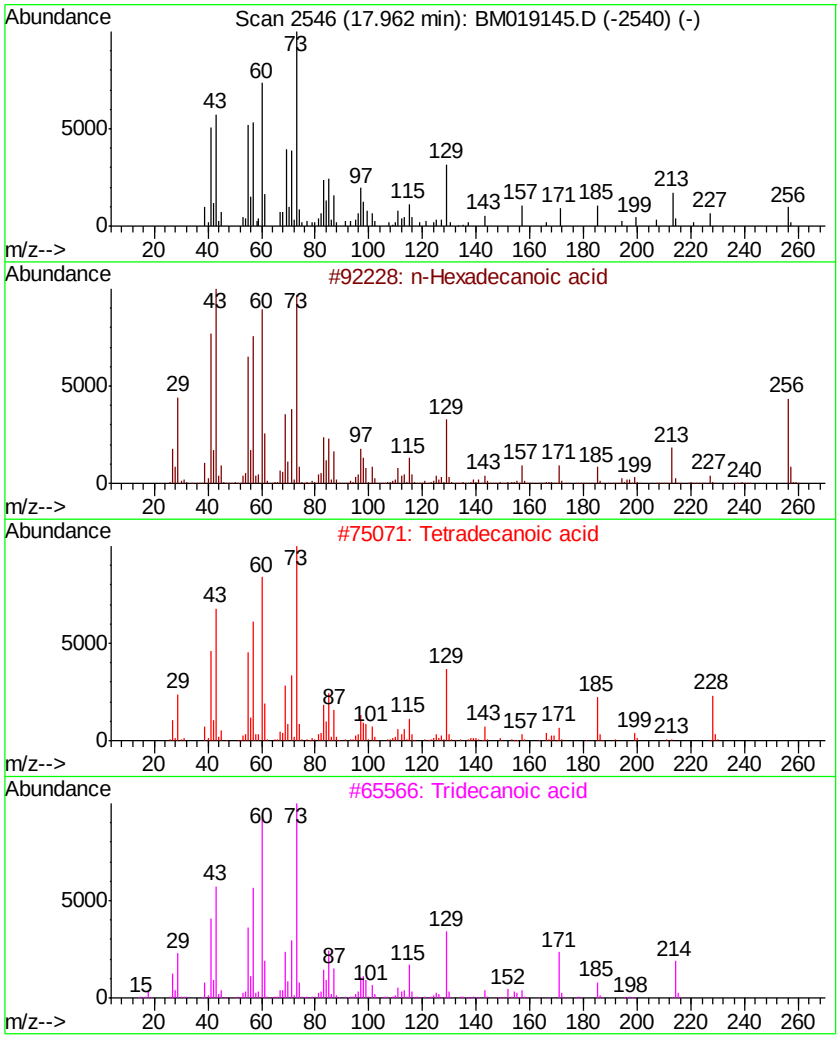
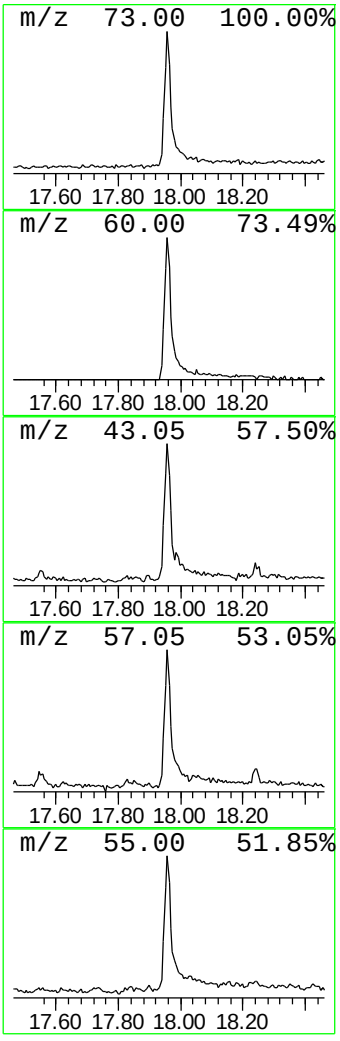
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.14 ng	384372	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019145.D
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Operator : JU/SJ
Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

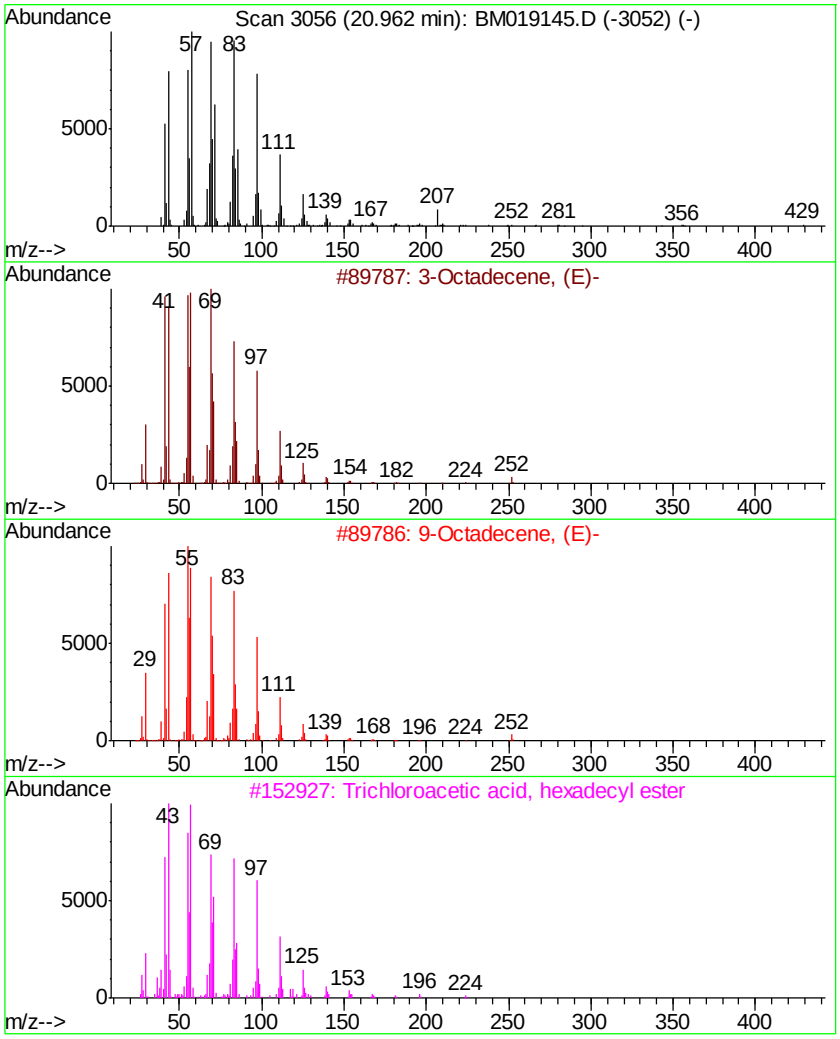
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

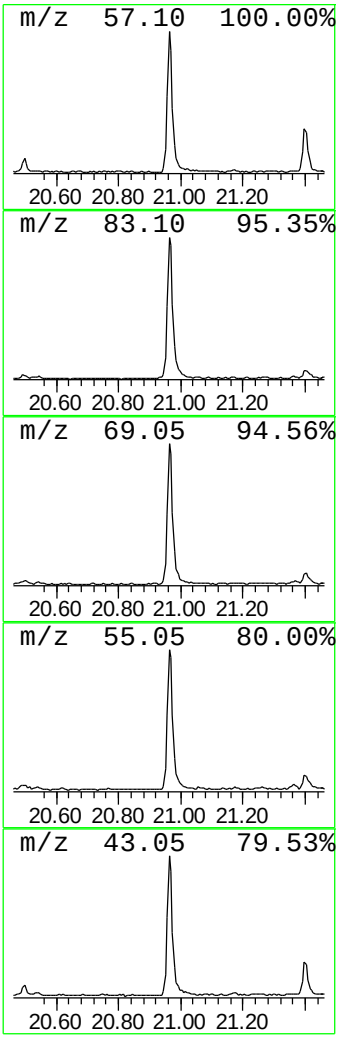
****

Peak Number 5 3-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.58 ng	899596	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

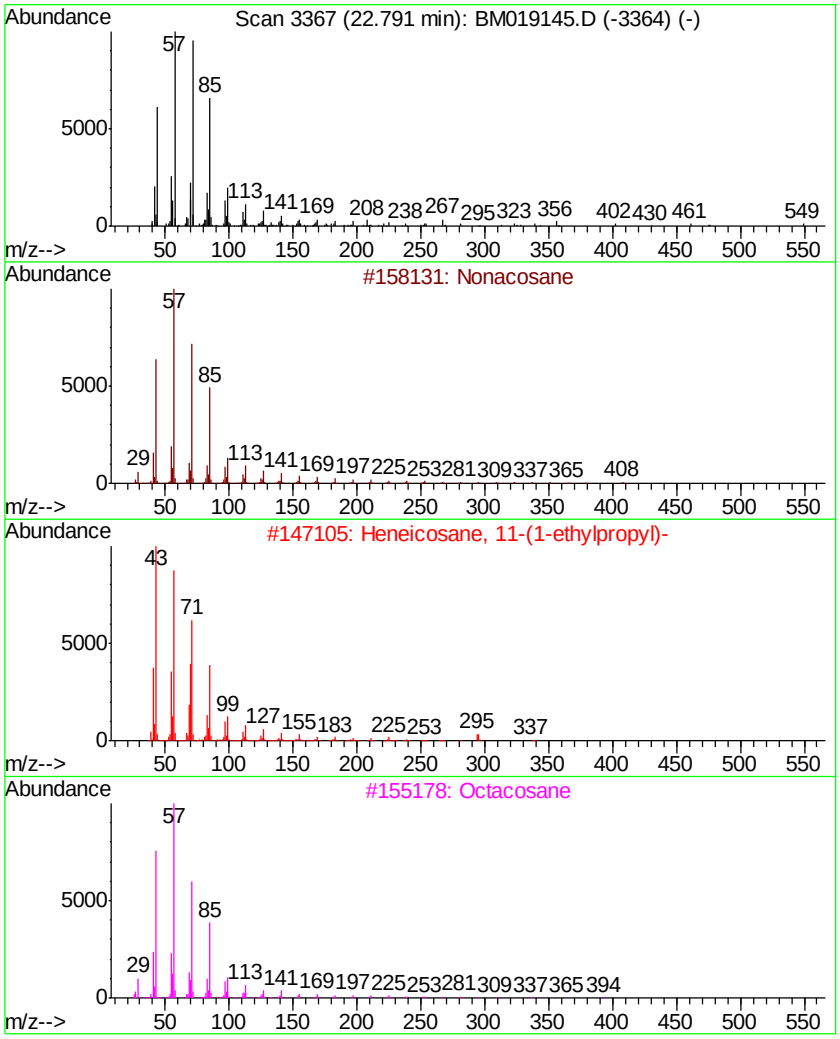
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

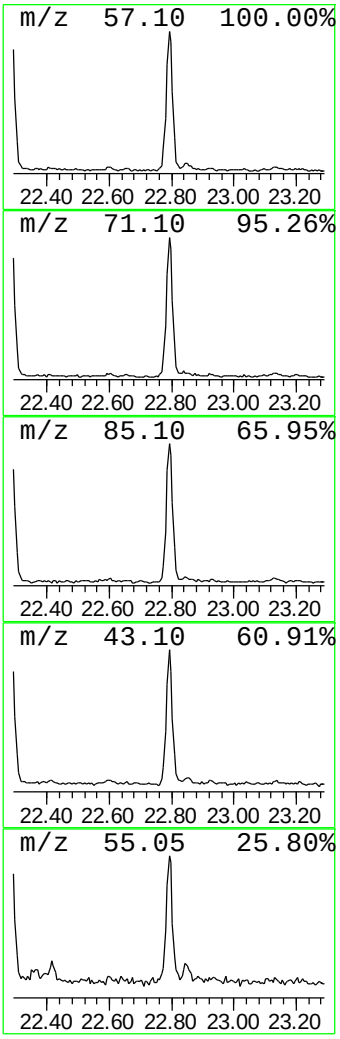
****

Peak Number 6 Nonacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.03 ng	322584	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tetracosane	338	C24H50	000646-31-1	80





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Sample : K1824-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

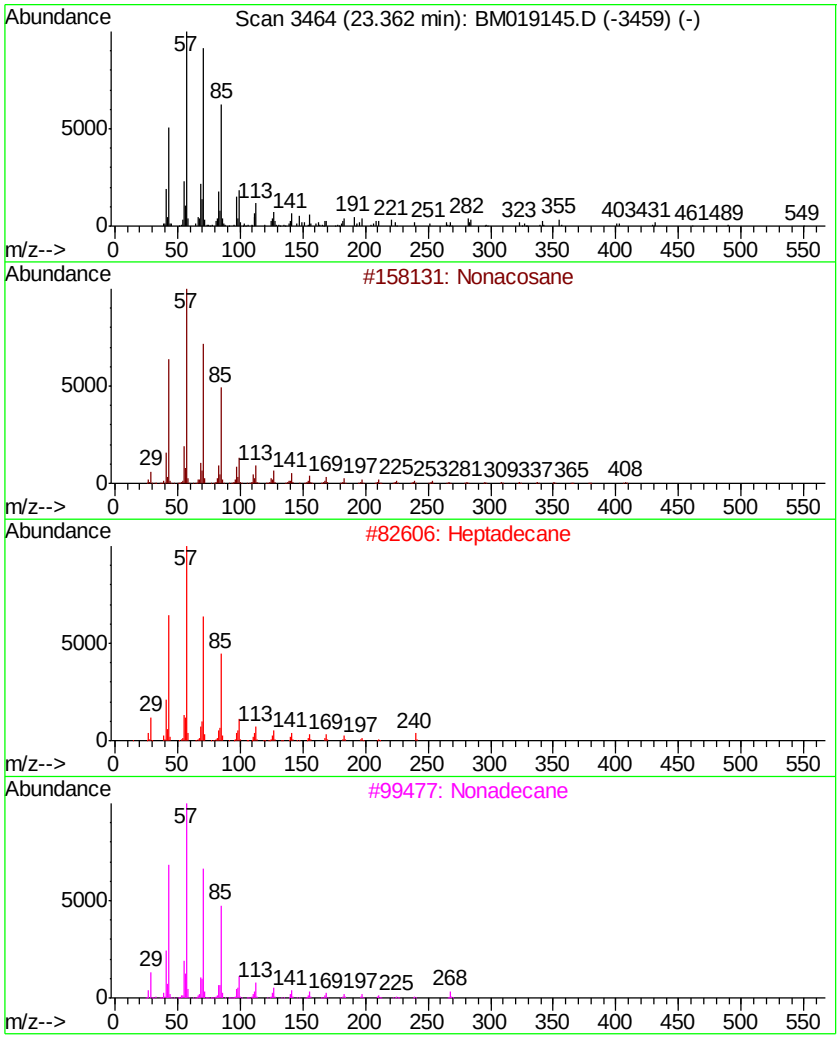
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

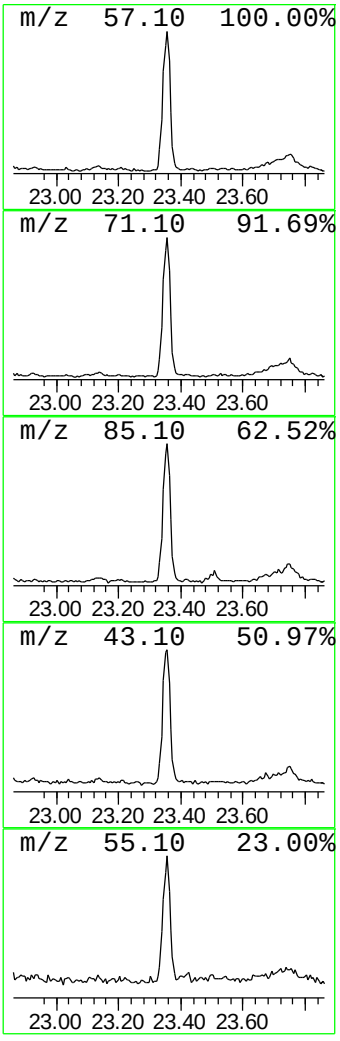
****

Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.04 ng	324979	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Octadecane	254	C18H38	000593-45-3	83





Tentatively Identified Compound (LSC) summary

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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-Pentanol, 2,4-d...	4.82	2.8	ng	174124	1	7.66	1255210	20.0
unknown7.20	7.20	113.1	ng	7097680	1	7.66	1255210	20.0
n-Hexadecanoic acid	17.96	2.1	ng	384372	4	17.07	3590520	20.0
3-Octadecene, (E)-	20.96	4.6	ng	899596	5	21.27	3928630	20.0
Nonacosane	22.79	2.0	ng	322584	6	23.50	3178830	20.0
Heptadecane	23.36	2.0	ng	324979	6	23.50	3178830	20.0