LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-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-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	5.251	379	385	403	rBV	3672693	5559520	44.69%	7.346%
2	6.840	647	655	673	rBV	4059948	6707407	53.92%	8.862%
3	7.187	707	714	737	rBV	4052843	6549951	52.65%	8.654%
4	7.651	787	793	800	rBV	706778	1122158	9.02%	1.483%
5	7.969	840	847	858	rBV	2722352	4327508	34.79%	5.718%
6	8.822	984	992	1013	rBV	2245252	3867643	31.09%	5.110%
7	10.439	1260	1267	1280	rBV	985522	1713280	13.77%	2.264%
8	12.921	1682	1689	1711	rBV	6304109	9172250	73.73%	12.119%
9	13.604	1799	1805	1811	rVB2	299956	412933	3.32%	0.546%
10	13.774	1828	1834	1851	rBV	376707	612672	4.93%	0.810%
11	14.251	1907	1915	1919	rBV	225966	315872	2.54%	0.417%
12	14.310	1919	1925	1943	rVB2	1622686	2608382	20.97%	3.446%
13	15.810	2169	2180	2199	rBV	5491717	7980114	64.15%	10.544%
14	17.062	2387	2393	2405	rBV2	2101219	2995133	24.08%	3.957%
15	17.951	2539	2544	2556	rBV	190389	327020	2.63%	0.432%
16	19.703	2836	2842	2861	rBV	10207225	12439799	100.00%	16.437%
17	20.821	3027	3032	3042	rBV	1177472	1314854	10.57%	1.737%
18	20.962	3052	3056	3065	rBV	693203	873365	7.02%	1.154%
19	21.262	3102	3107	3116	rBV	2269413	3002980	24.14%	3.968%
20	21.397	3127	3130	3134	rBV	179436	197607	1.59%	0.261%
21	21.827	3200	3203	3206	rBV	208737	253944	2.04%	0.336%
22	22.286	3278	3281	3288	rVB	240958	311078	2.50%	0.411%
23	22.791	3363	3367	3372	rBV	229556	314080	2.52%	0.415%
24	23.350	3459	3462	3469	rVB	183837	278614	2.24%	0.368%
25	23.503	3482	3488	3503	rVB	1277028	2425704	19.50%	3.205%

Sum of corrected areas: 75683868

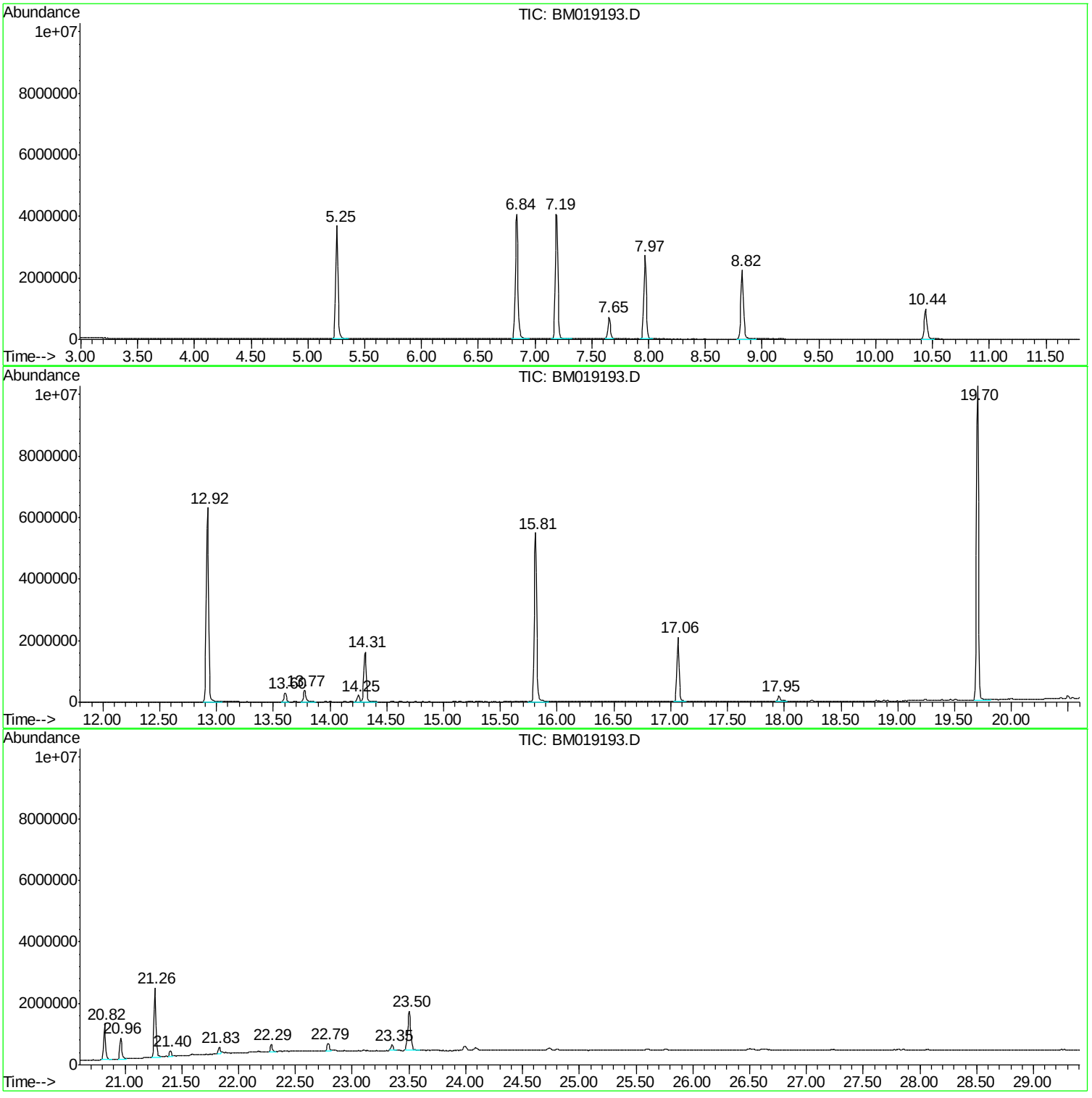
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

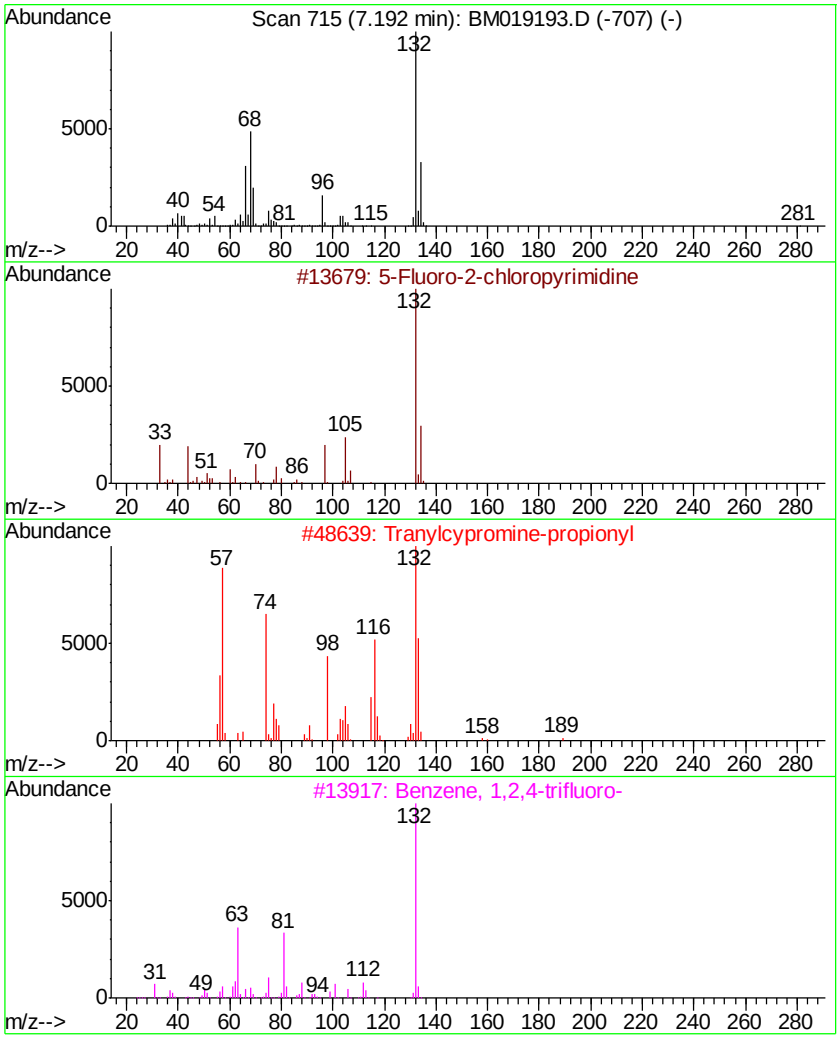
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

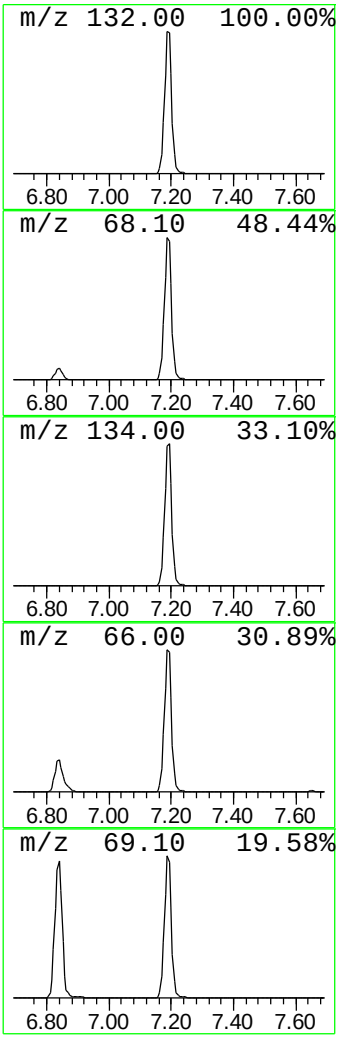
****

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	116.74 ng	6549950	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

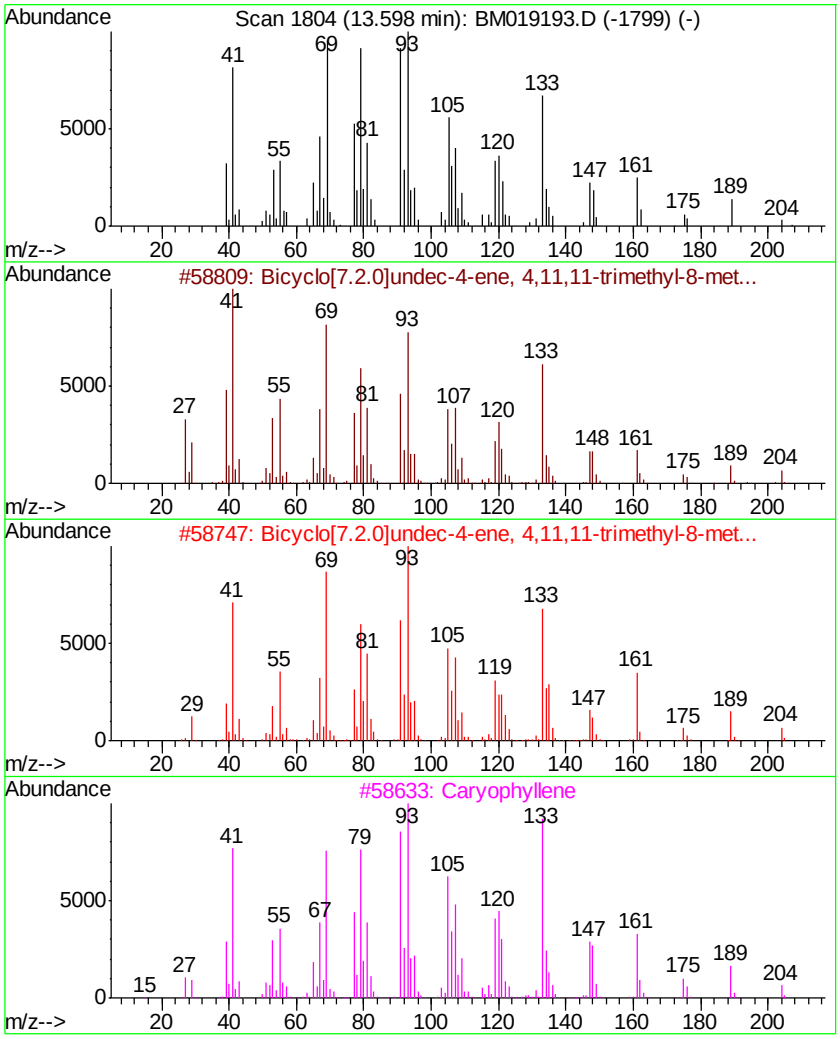
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

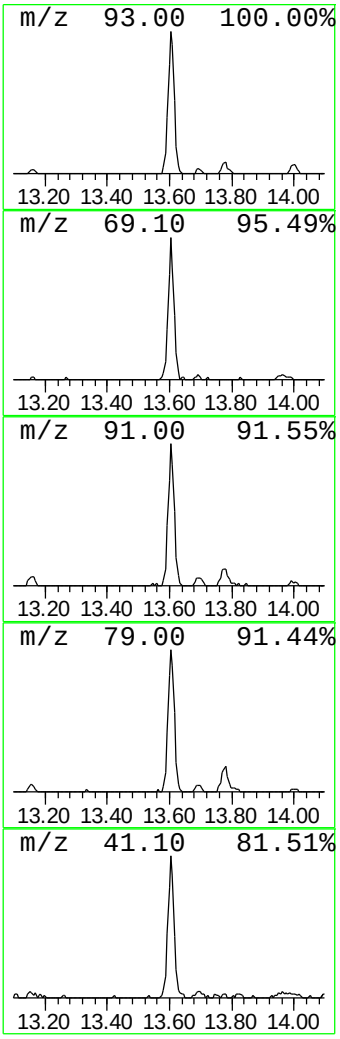
****

Peak Number 3 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.17 ng	412933	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	98
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	92
3	Caryophyllene	204	C15H24	000087-44-5	91
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	86
5	Isocaryophillene	204	C15H24	1000140-07-2	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

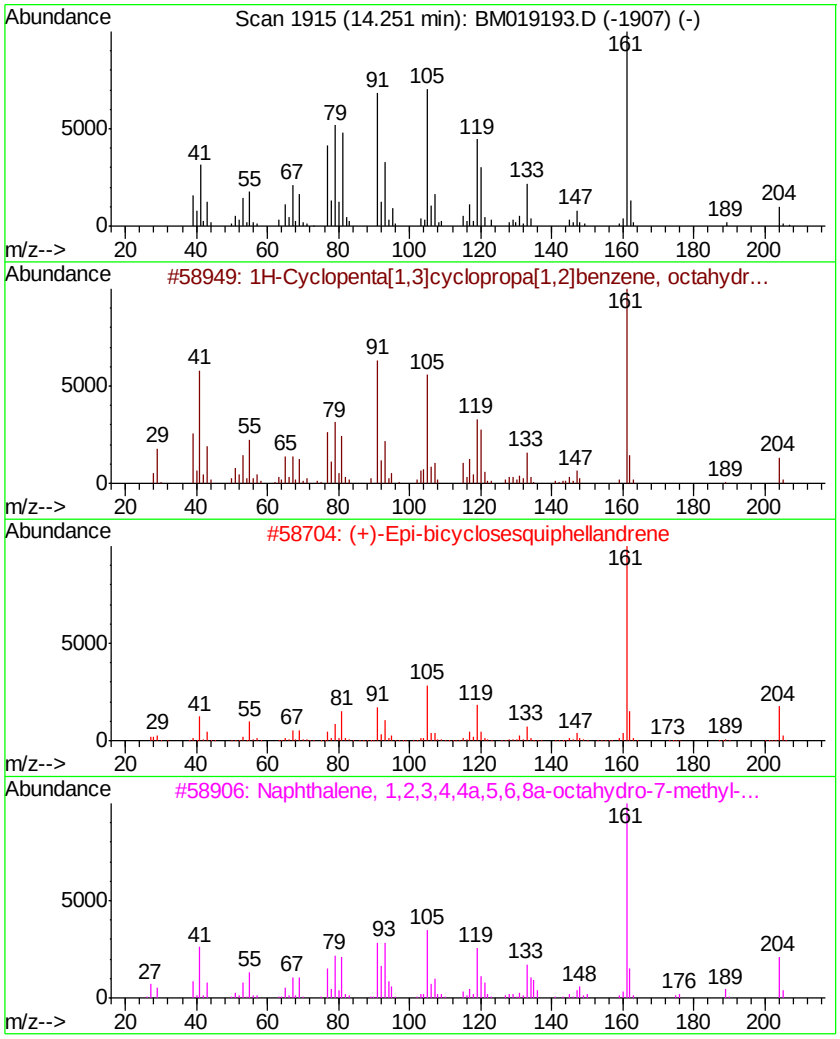
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

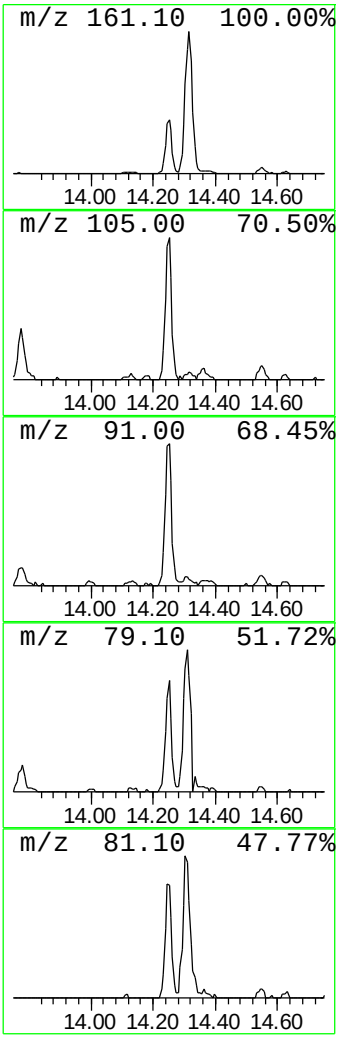
****

Peak Number 4 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.42 ng	315872	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	94
2	(+)-Epi-bicyclosesquiphellandrene	204	C15H24	054324-03-7	91
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	76
4	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	74
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

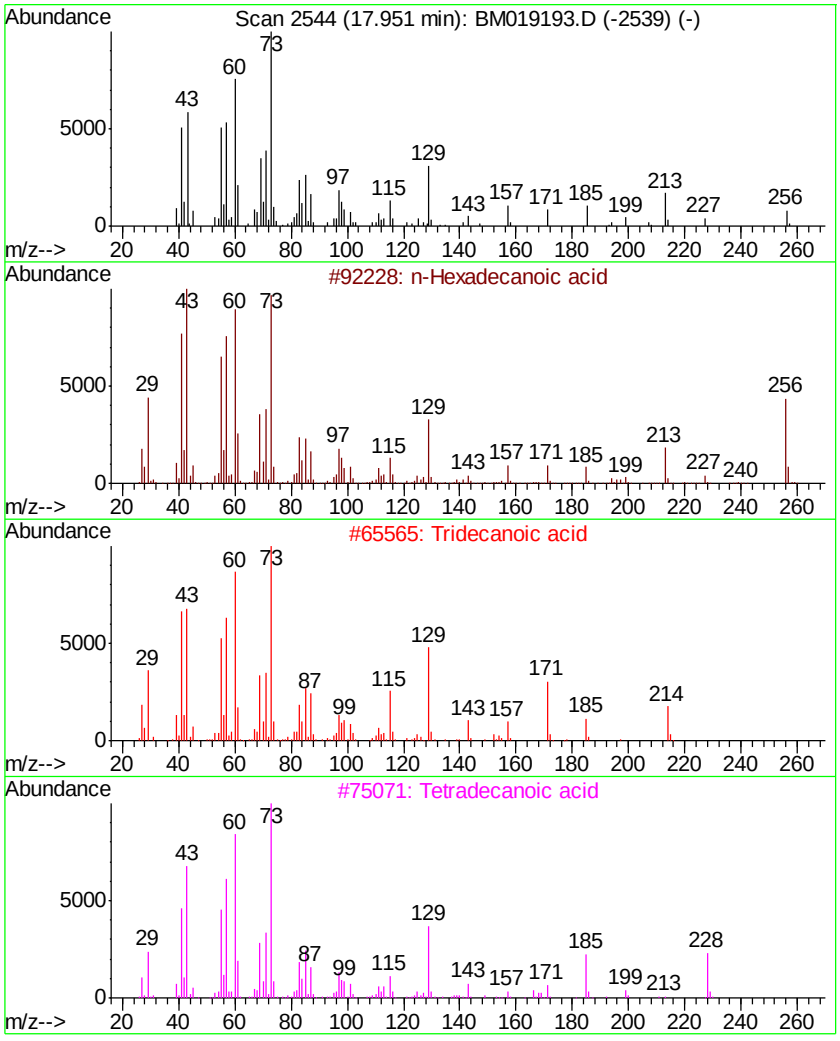
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

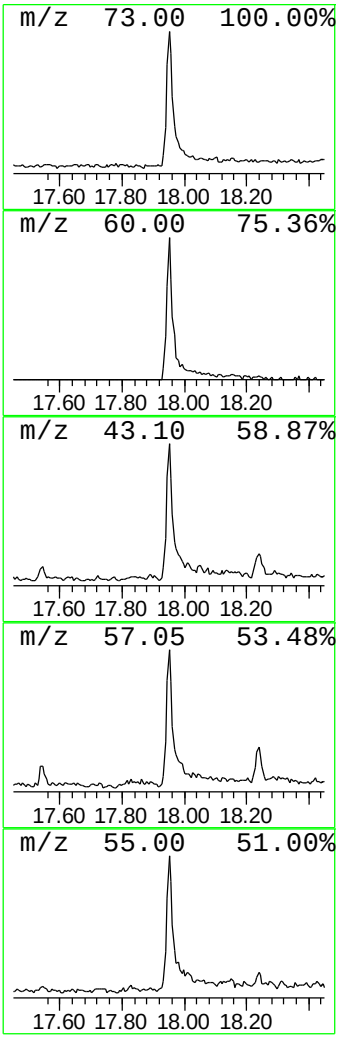
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.18 ng	327020	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tetradecane	198	C14H30	000629-59-4	11
5	Eicosane	282	C20H42	000112-95-8	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

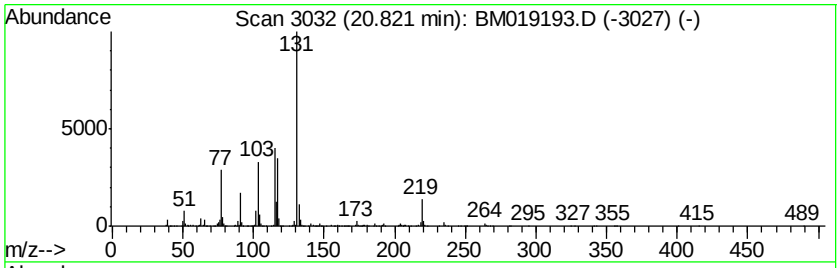
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

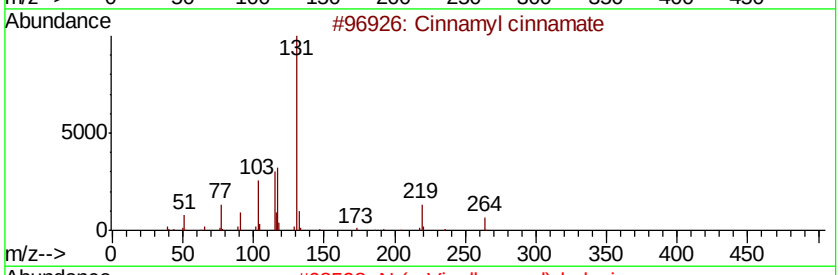
****

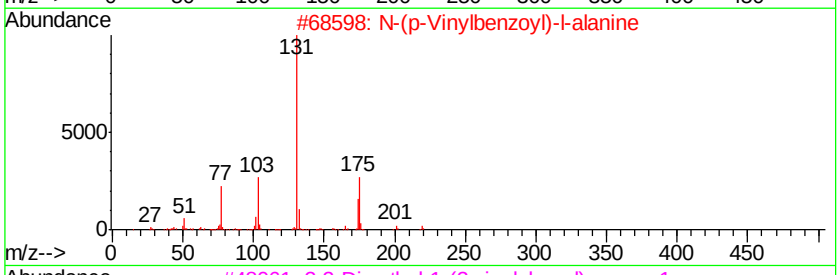
Peak Number 6 Cinnamyl cinnamate Concentration Rank 3

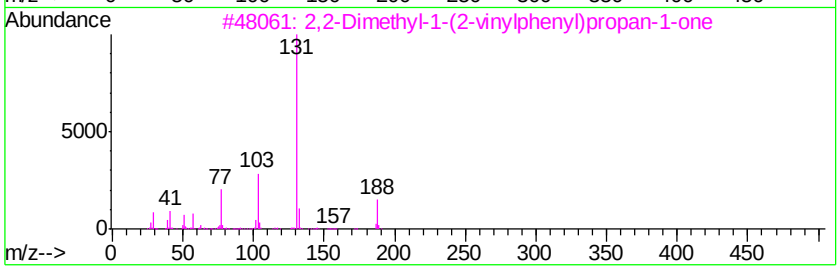
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	8.76 ng	1314850	Chrysene-d12	21.26

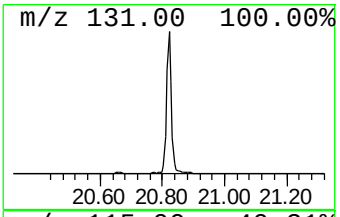
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
4	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
5	2-Propenoic acid, 3-phenyl-, 4-m...	238	C16H14O2	010519-07-0	43

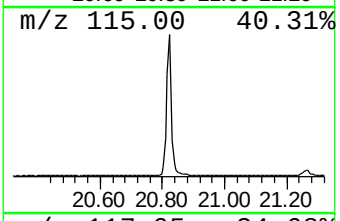


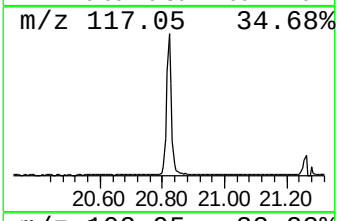


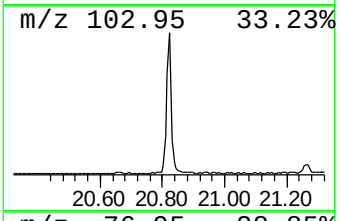


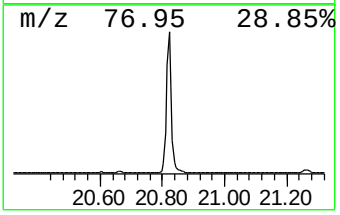












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

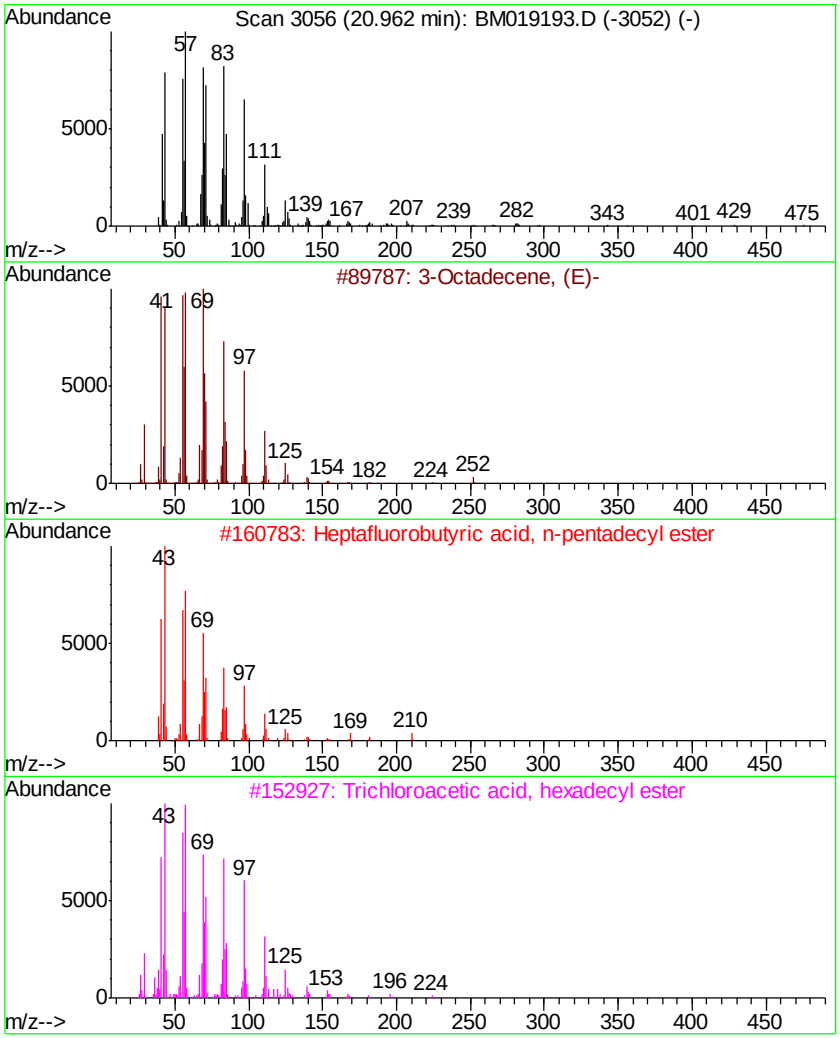
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

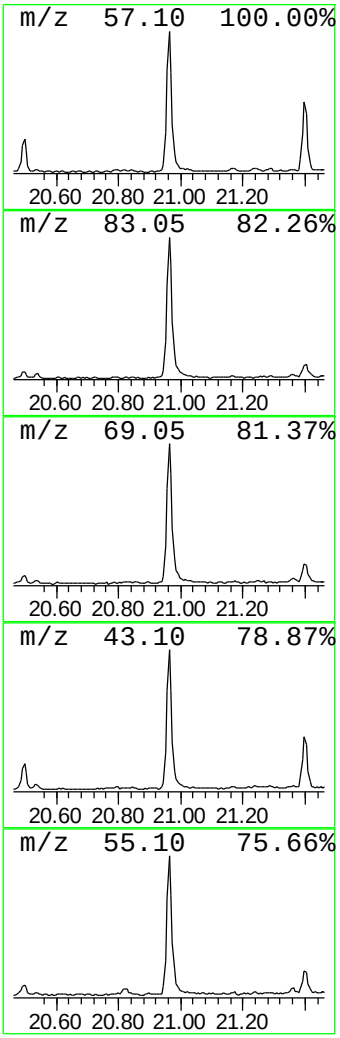
****

Peak Number 7 3-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.82 ng	873365	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

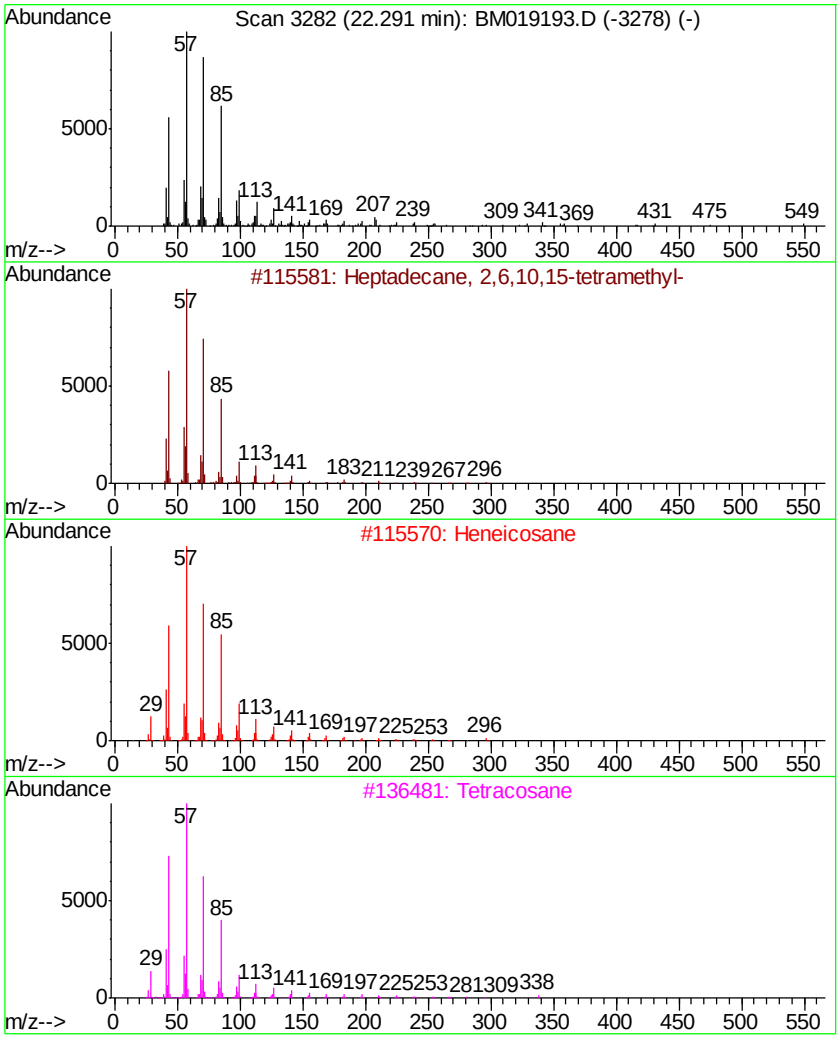
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

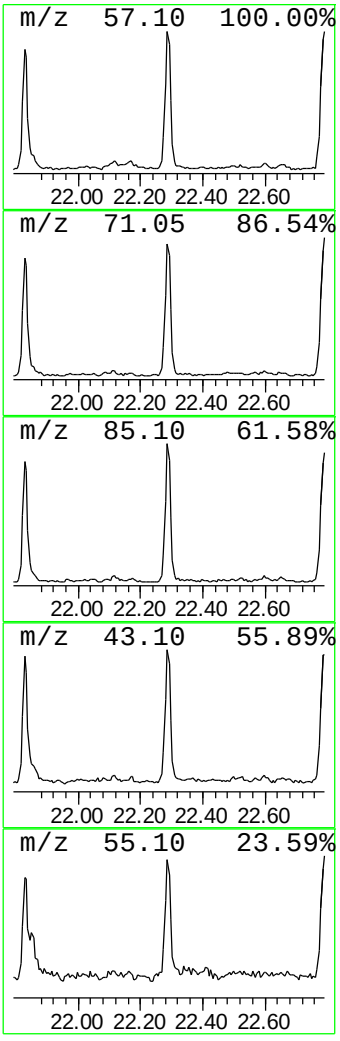
****

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.07 ng	311078	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

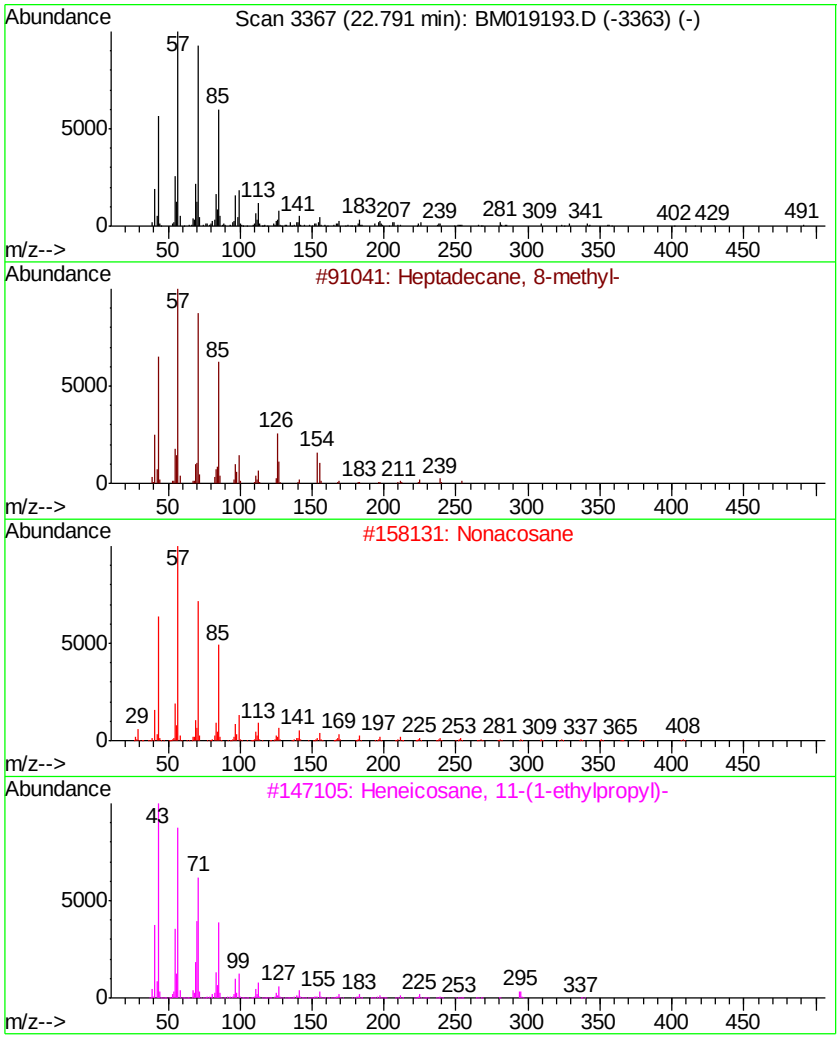
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

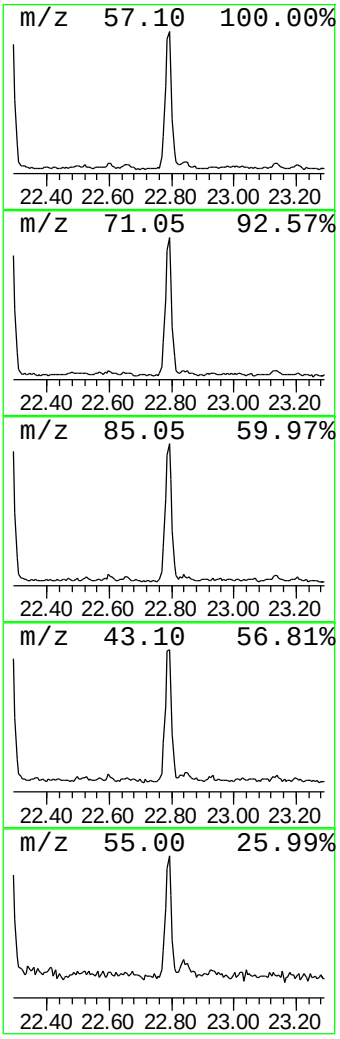
****

Peak Number 9 Heptadecane, 8-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.59 ng	314080	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Nonacosane	408	C29H60	000630-03-5	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Tetradecane	198	C14H30	000629-59-4	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

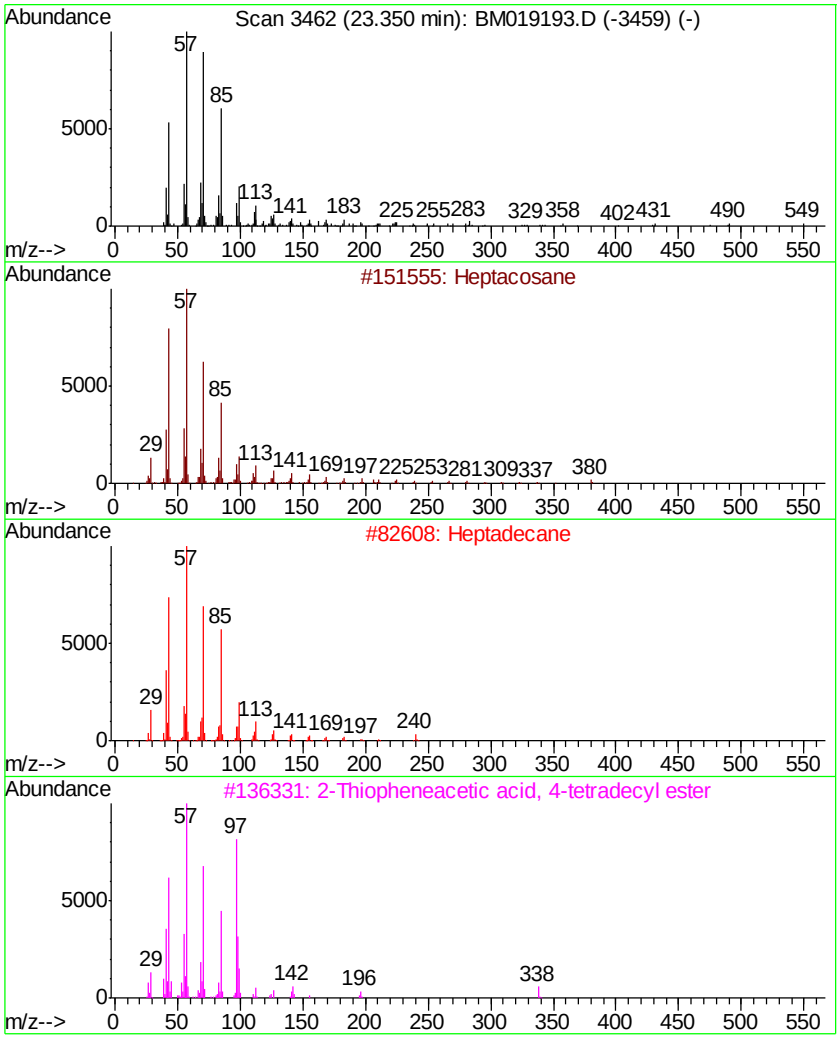
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

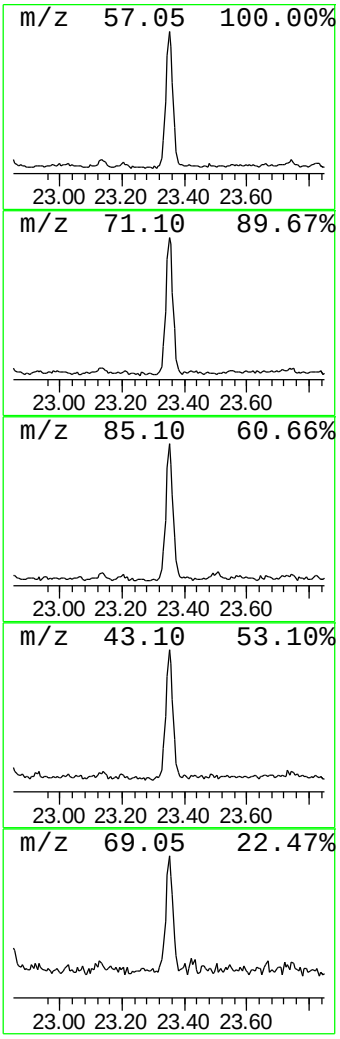
****

Peak Number 10 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	2.30 ng	278614	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
Data File : BM019193.D
Acq On : 15 Mar 2019 19:17
Operator : JU/SJ
Sample : K1930-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.19	7.19	116.7	ng	6549950	1	7.65	1122160	20.0
Bicyclo[7.2.0]und...	13.60	3.2	ng	412933	3	14.31	2608380	20.0
1H-Cyclopenta[1,3...	14.25	2.4	ng	315872	3	14.31	2608380	20.0
n-Hexadecanoic acid	17.95	2.2	ng	327020	4	17.06	2995130	20.0
Cinnamyl cinnamate	20.82	8.8	ng	1314850	5	21.26	3002980	20.0
3-Octadecene, (E)-	20.96	5.8	ng	873365	5	21.26	3002980	20.0
Heptadecane, 2,6,...	22.29	2.1	ng	311078	5	21.26	3002980	20.0
Heptadecane, 8-me...	22.79	2.6	ng	314080	6	23.50	2425700	20.0
Heptacosane	23.35	2.3	ng	278614	6	23.50	2425700	20.0