LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

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-BM053119.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	3.057	8	12	24	rVB	1725626	2057502	19.64%	2.585%
2	5.410	405	412	426	rBV	4301850	6095966	58.18%	7.660%
3	6.987	672	680	692	rBV	4238204	6623351	63.21%	8.323%
4	7.357	735	743	754	rBV	4276390	6730259	64.23%	8.457%
5	7.828	816	823	830	rVB	863472	1357696	12.96%	1.706%
6	8.145	869	877	886	rBV	3274517	5173262	49.37%	6.500%
7	8.986	1012	1020	1028	rBV	2444032	3967707	37.87%	4.986%
8	10.616	1290	1297	1304	rBV	1045385	1741733	16.62%	2.189%
9	13.080	1709	1716	1728	rBV	5514245	8186452	78.13%	10.287%
10	13.921	1853	1859	1868	rVB	254374	369362	3.53%	0.464%
11	14.463	1942	1951	1958	rBV2	1286404	2009855	19.18%	2.525%
12	14.857	2013	2018	2026	rVB	128633	194141	1.85%	0.244%
13	15.804	2173	2179	2186	rBV	76109	111284	1.06%	0.140%
14	15.951	2197	2204	2216	rBV	3691750	5358954	51.15%	6.734%
15	16.857	2353	2358	2365	rVB	131129	201542	1.92%	0.253%
16	17.204	2411	2417	2421	rBV2	1558408	2247891	21.45%	2.825%
17	17.245	2421	2424	2431	rVB	942228	1276656	12.18%	1.604%
18	17.339	2435	2440	2445	rVB	155095	218910	2.09%	0.275%
19	18.092	2561	2568	2571	rBV2	212601	449723	4.29%	0.565%
20	18.127	2571	2574	2579	rVB	240926	328329	3.13%	0.413%
21	18.262	2593	2597	2602	rVV2	92575	180201	1.72%	0.226%
22	18.309	2602	2605	2611	rVB	112252	150254	1.43%	0.189%
23	18.580	2646	2651	2655	rBV	93386	139238	1.33%	0.175%
24	18.998	2713	2722	2726	rBV2	97220	180157	1.72%	0.226%
25	19.133	2741	2745	2752	rVB	123419	189421	1.81%	0.238%
26	19.256	2761	2766	2772	rVB	891317	1219797	11.64%	1.533%
27	19.374	2780	2786	2789	rBV4	81414	119445	1.14%	0.150%
28	19.586	2818	2822	2824	rBV	154252	192058	1.83%	0.241%
29	19.621	2824	2828	2835	rVV	706226	975129	9.31%	1.225%
30	19.692	2836	2840	2847	rVB3	82207	130464	1.25%	0.164%
31	19.827	2854	2863	2877	rBV	8492840	10477598	100.00%	13.166%
32	19.939	2877	2882	2883	rBV	99966	125271	1.20%	0.157%
33	20.080	2901	2906	2908	rBV4	76801	122301	1.17%	0.154%
34	20.274	2932	2939	2943	rBV3	129877	234863	2.24%	0.295%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

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-BM053119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.856	3034	3038	3046	rBV	200559	293935	2.81%	0.369%
36	21.027	3061	3067	3070	rBV2	80952	160376	1.53%	0.202%
37	21.097	3075	3079	3085	rVV3	328482	551028	5.26%	0.692%
38	21.156	3085	3089	3099	rVB2	148468	243407	2.32%	0.306%
39	21.380	3120	3127	3131	rBV2	2262117	3603225	34.39%	4.528%
40	21.415	3131	3133	3142	rVB	452819	528013	5.04%	0.663%
41	21.533	3150	3153	3160	rBV2	101246	146633	1.40%	0.184%
42	21.980	3226	3229	3238	rVB4	135873	221866	2.12%	0.279%
43	22.450	3307	3309	3313	rVB	106411	119650	1.14%	0.150%
44	22.980	3393	3399	3404	rBV	373841	846319	8.08%	1.063%
45	23.468	3478	3482	3487	rVB	158162	261459	2.50%	0.329%
46	23.562	3493	3498	3505	rVB	326508	585841	5.59%	0.736%
47	23.662	3509	3515	3522	rBV	1551772	2884331	27.53%	3.624%

Sum of corrected areas: 79582855

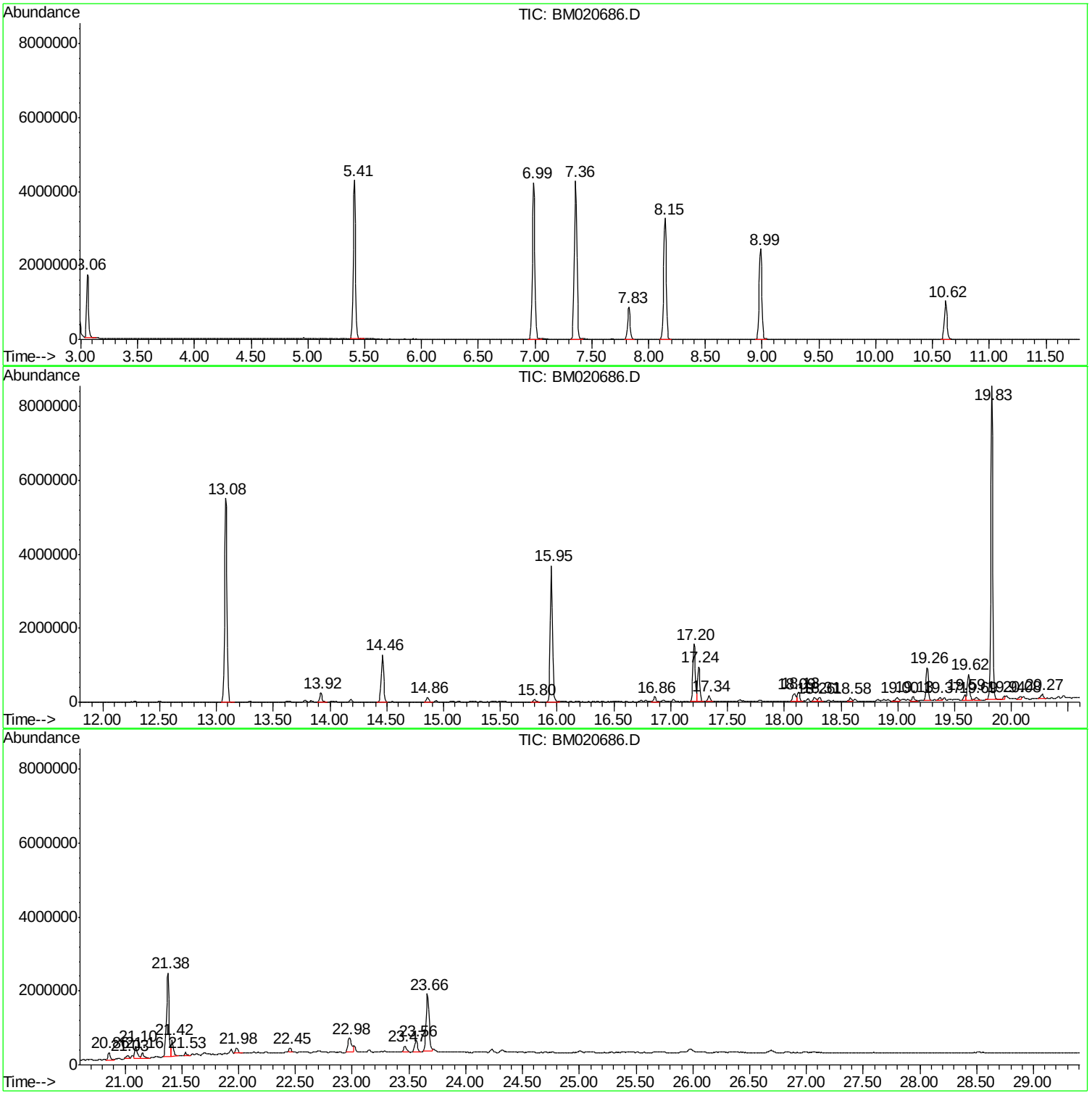
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

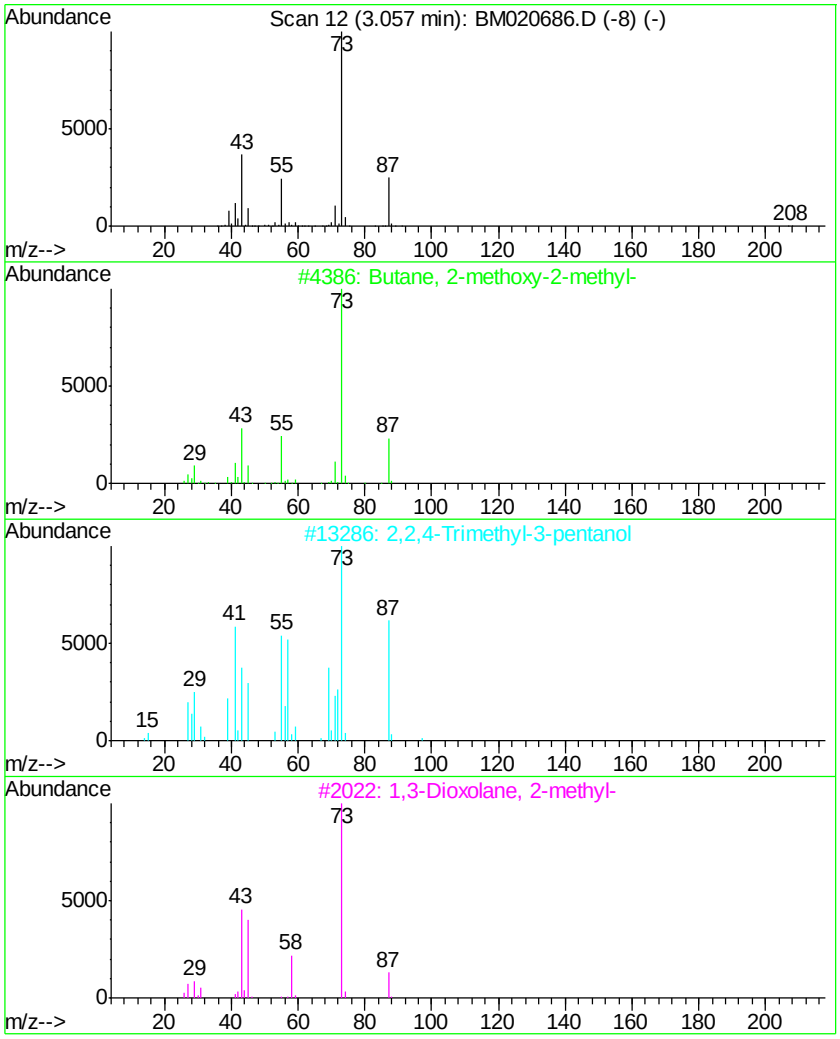
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

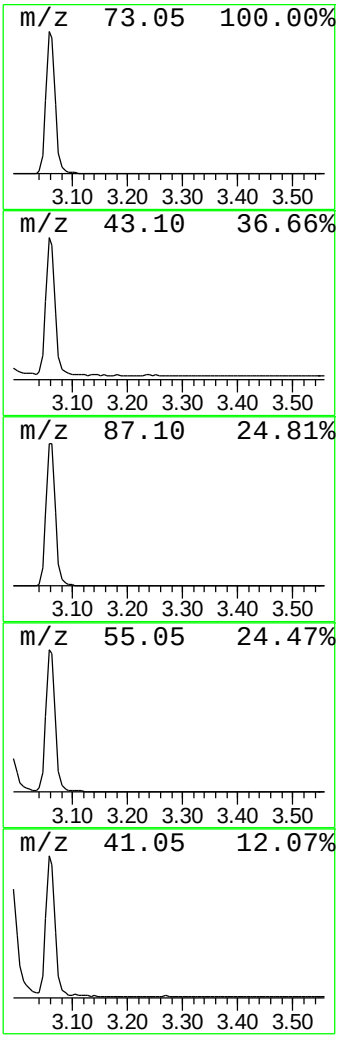
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	30.31 ng	2057500	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

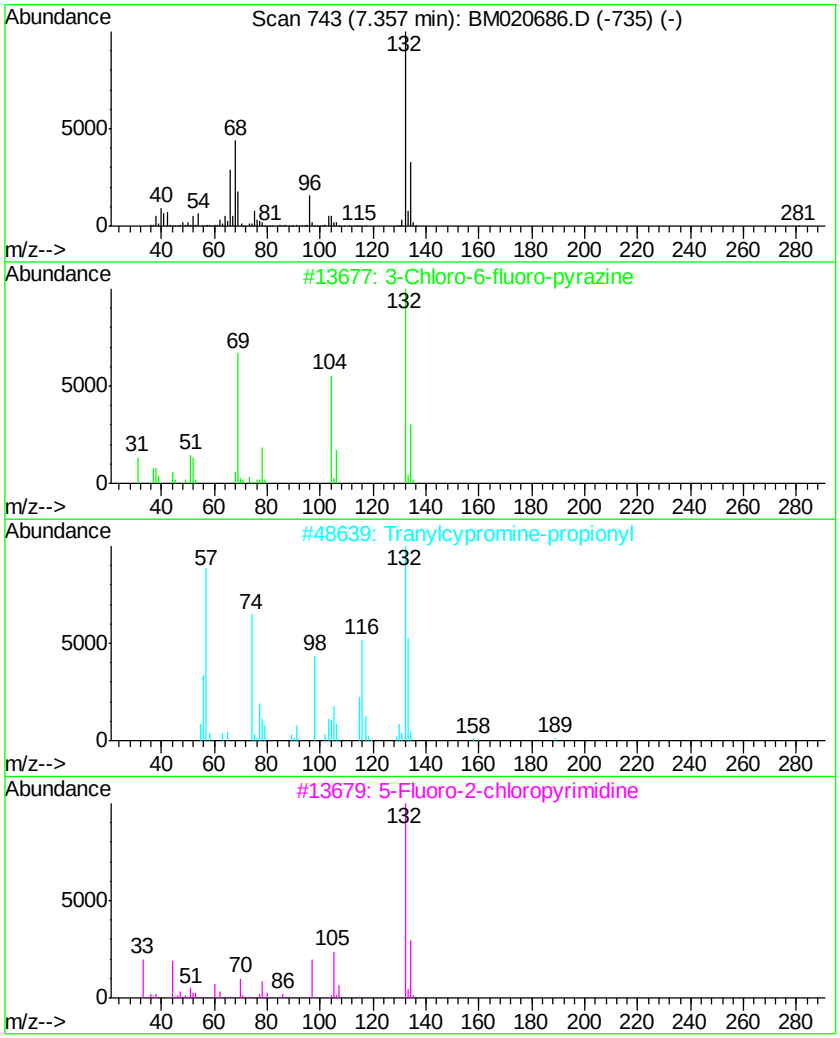
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

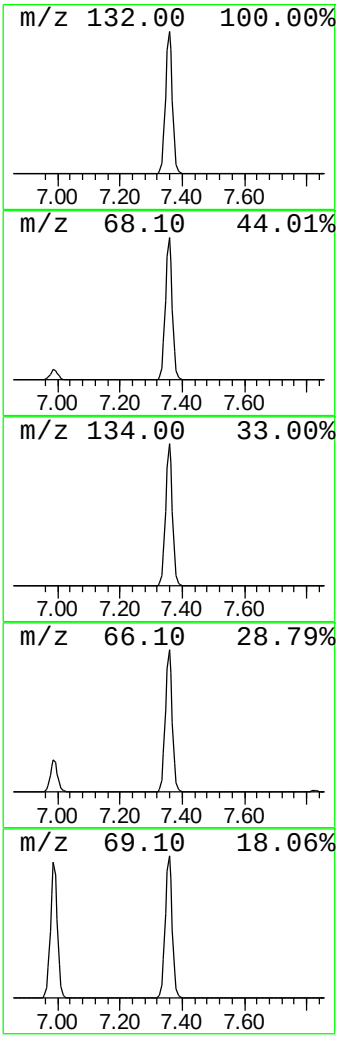
****

Peak Number 2 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	99.14 ng	6730260	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

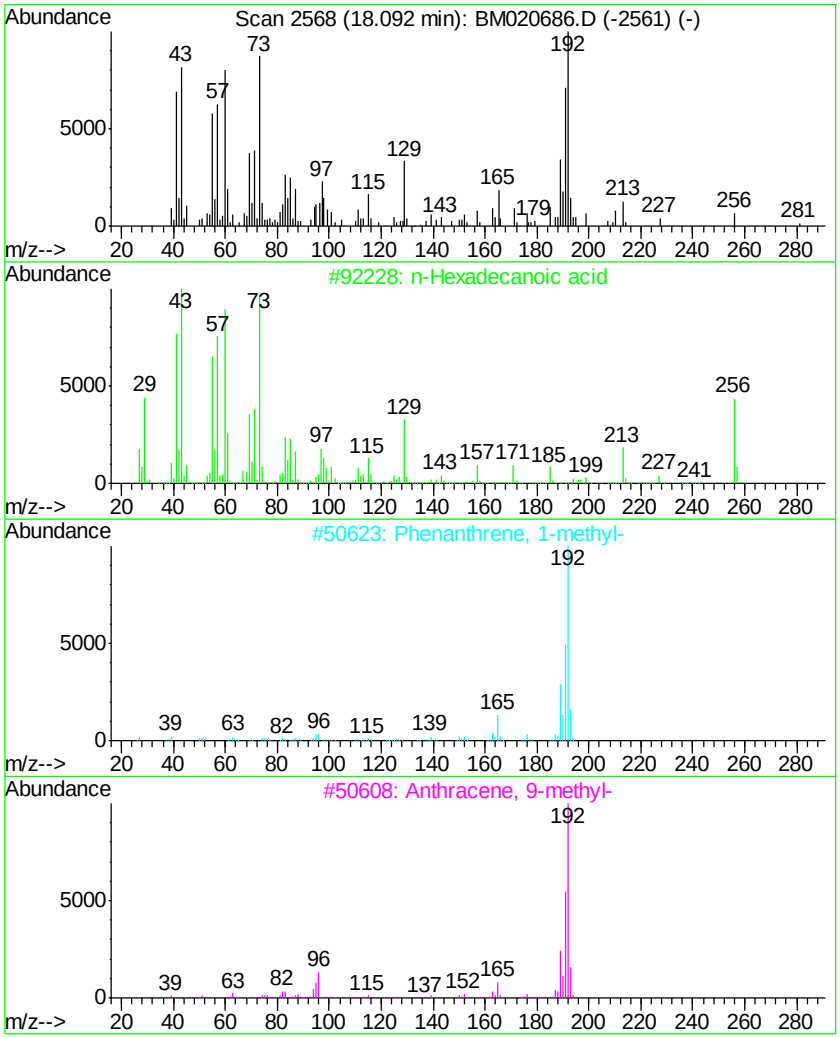
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

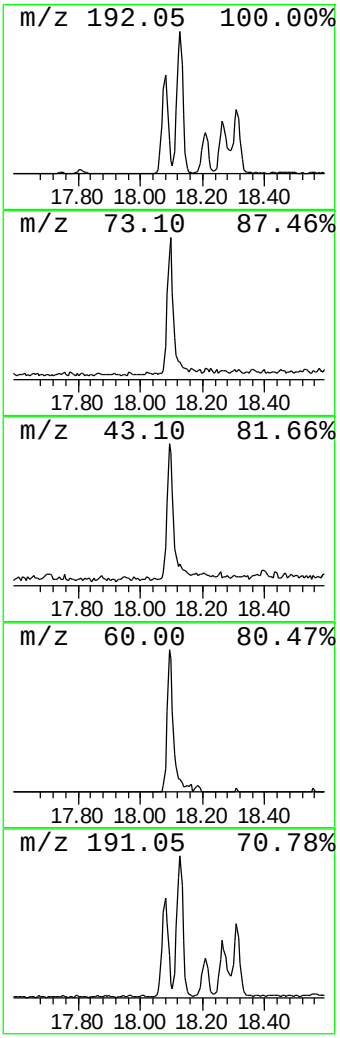
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.00 ng	449723	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	66
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

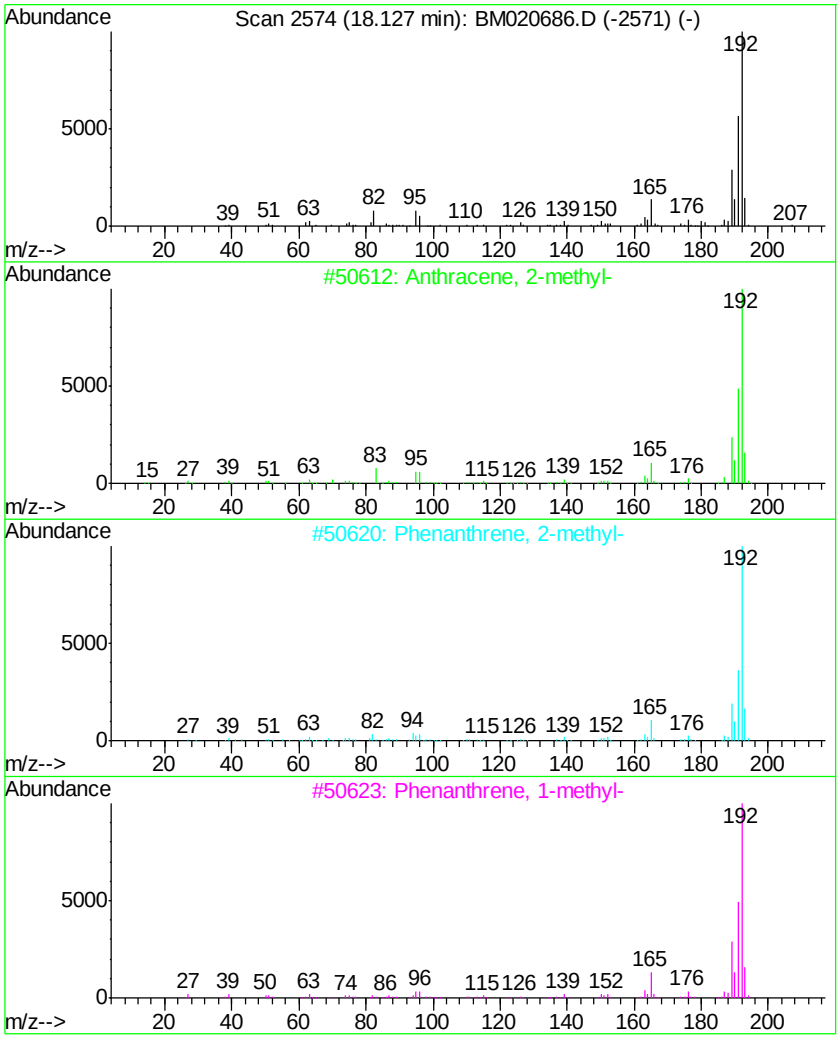
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

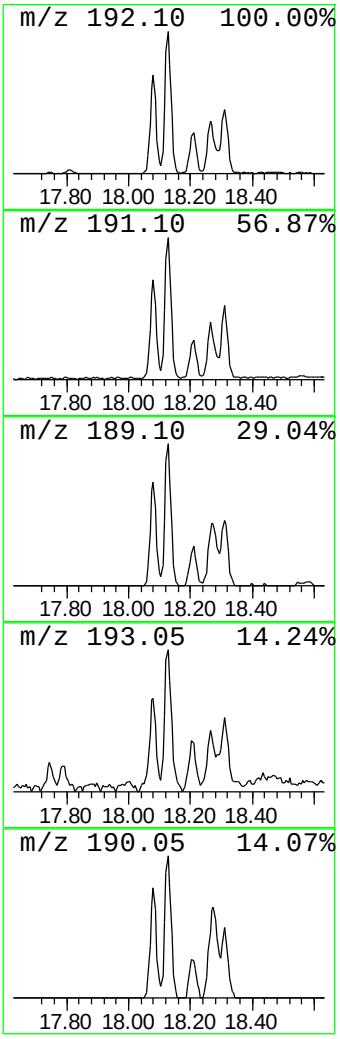
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.92 ng	328329	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

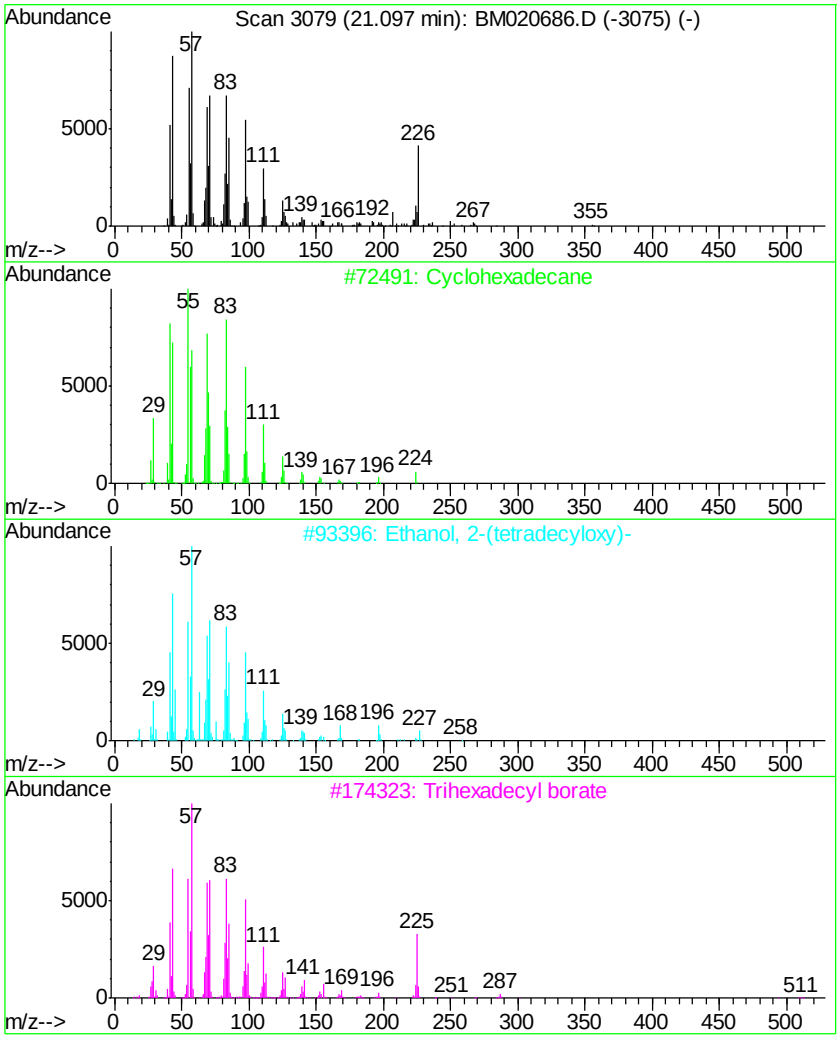
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

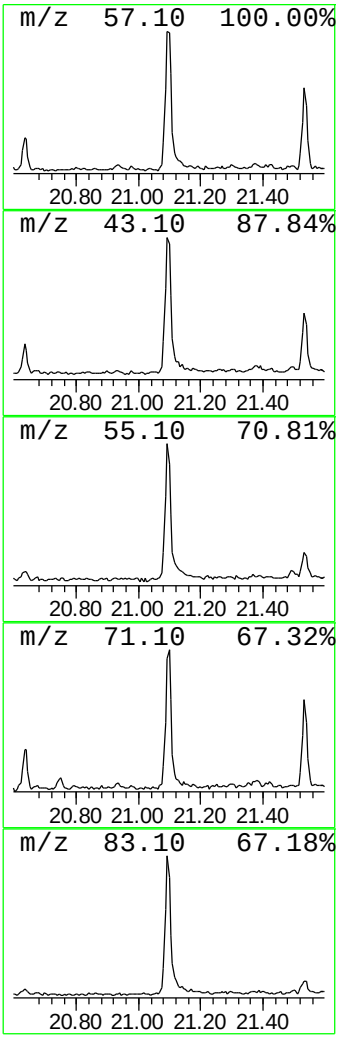
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.06 ng	551028	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	81
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060319\
Data File : BM020686.D
Acq On : 04 Jun 2019 00:18
Operator : HP/JU
Sample : K3139-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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
Butane, 2-methoxy...	3.06	30.3	ng	2057500	1	7.83	1357700	20.0
unknown7.36	7.36	99.1	ng	6730260	1	7.83	1357700	20.0
n-Hexadecanoic acid	18.09	4.0	ng	449723	4	17.20	2247890	20.0
Anthracene, 2-met...	18.13	2.9	ng	328329	4	17.20	2247890	20.0
Cyclohexadecane	21.10	3.1	ng	551028	5	21.38	3603230	20.0