LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

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_G\METHODS\8270-BG123019.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	3.152	6	11	21	rVB	90149	173789	8.10%	0.978%
2	5.073	330	338	347	rBV	100210	160923	7.50%	0.906%
3	5.543	410	418	428	rBV	176672	302795	14.12%	1.705%
4	7.130	679	688	698	rBV	339408	617883	28.81%	3.478%
5	7.500	742	751	760	rBV	268896	490195	22.86%	2.760%
6	7.964	820	830	837	rBV	548927	944513	44.04%	5.317%
7	8.287	877	885	893	rBV	272582	477578	22.27%	2.689%
8	9.116	1017	1026	1035	rBV	200885	368926	17.20%	2.077%
9	10.767	1298	1307	1318	rBV	748628	1395167	65.05%	7.854%
10	13.217	1718	1724	1731	rBV	556152	880684	41.06%	4.958%
11	14.039	1858	1864	1870	rBV	35659	63470	2.96%	0.357%
12	14.592	1950	1958	1966	rBV2	1173758	1876083	87.48%	10.562%
13	14.991	2021	2026	2033	rVB5	15075	26959	1.26%	0.152%
14	15.637	2131	2136	2141	rBV4	16120	27669	1.29%	0.156%
15	15.861	2170	2174	2180	rBV8	9683	25375	1.18%	0.143%
16	16.078	2206	2211	2219	rVB2	93355	145637	6.79%	0.820%
17	16.319	2248	2252	2254	rBV4	19659	27551	1.28%	0.155%
18	16.983	2363	2365	2373	rVB6	12028	24792	1.16%	0.140%
19	17.159	2392	2395	2404	rVB3	22149	39082	1.82%	0.220%
20	17.335	2418	2425	2430	rBV	1296772	2006461	93.56%	11.296%
21	17.377	2430	2432	2437	rVB	172777	227134	10.59%	1.279%
22	17.465	2444	2447	2453	rVB	33317	49492	2.31%	0.279%
23	17.735	2488	2493	2498	rBV2	27999	50844	2.37%	0.286%
24	18.211	2571	2574	2579	rBV2	24062	35261	1.64%	0.199%
25	18.258	2579	2582	2587	rVB	34517	50615	2.36%	0.285%
26	18.405	2603	2607	2611	rBV3	35129	57829	2.70%	0.326%
27	19.386	2769	2774	2779	rBV	377105	510862	23.82%	2.876%
28	19.750	2831	2836	2844	rVB2	747831	1226150	57.17%	6.903%
29	19.950	2865	2870	2874	rVB	789692	996937	46.49%	5.612%
30	20.761	3006	3008	3013	rVB	123250	131102	6.11%	0.738%
31	21.266	3090	3094	3100	rVB3	206358	294336	13.72%	1.657%
32	21.589	3142	3149	3154	rBV	1196789	2144632	100.00%	12.074%
33	22.400	3284	3287	3295	rVB	191394	300860	14.03%	1.694%
34	24.721	3675	3682	3690	rBV2	629731	1611425	75.14%	9.072%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPARTA-FINES

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_G\METHODS\8270-BG123019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 17763011

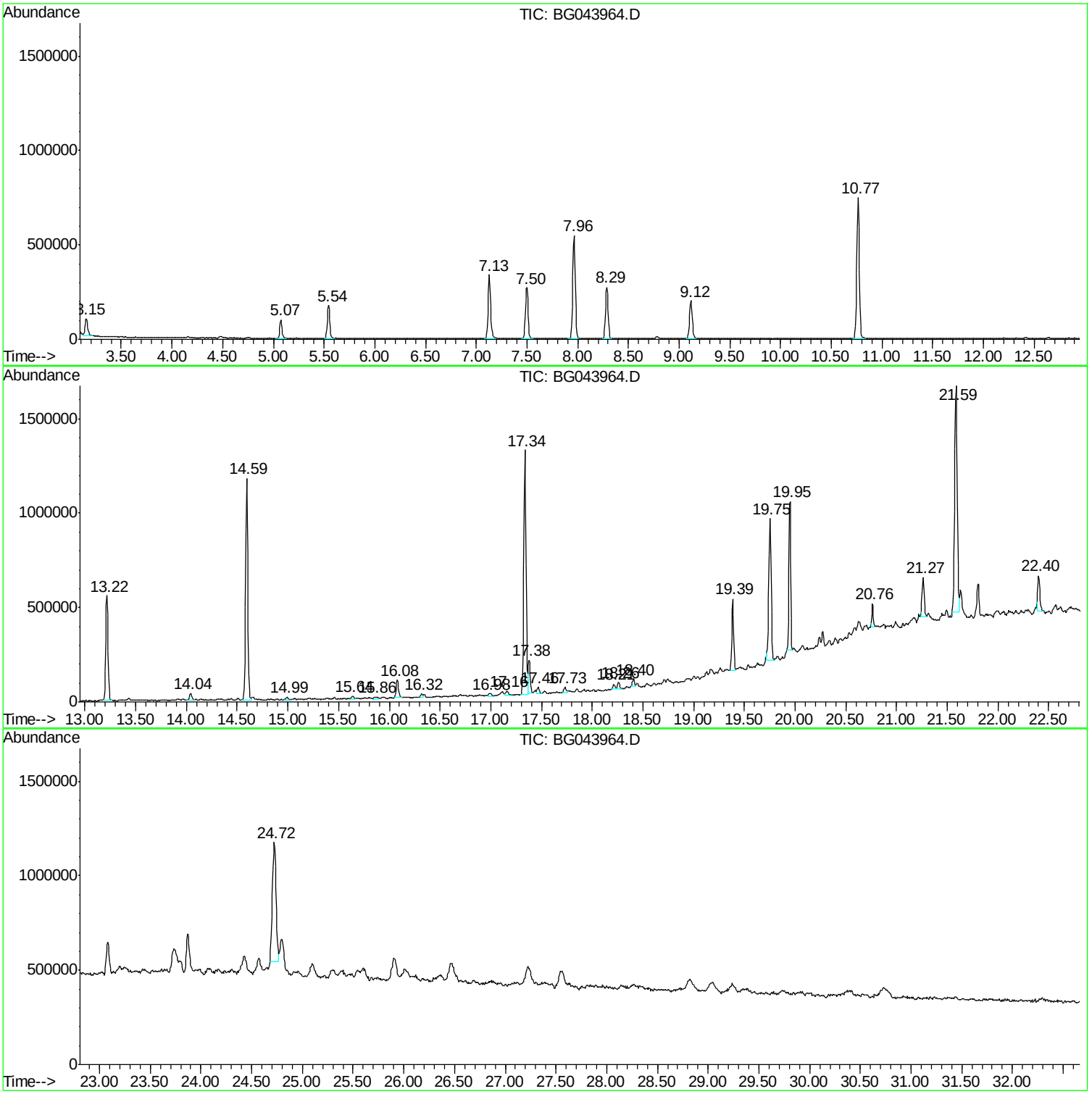
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

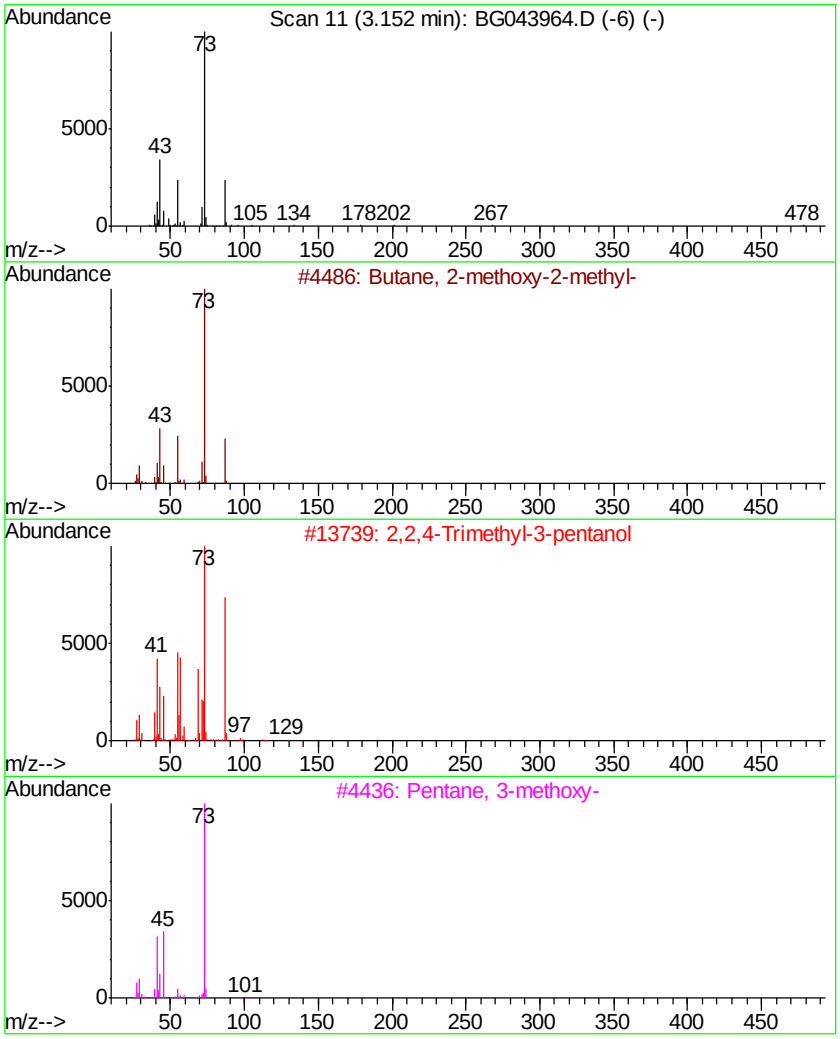
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

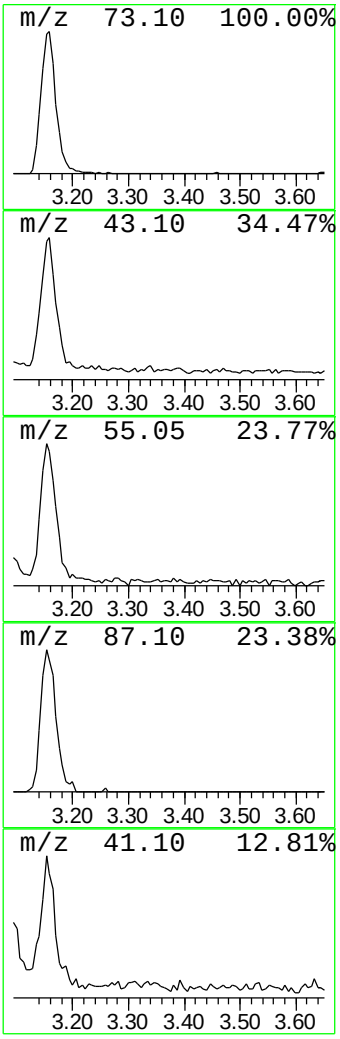
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	3.68 ng	173789	1,4-Dichlorobenzene-d4	7.96

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

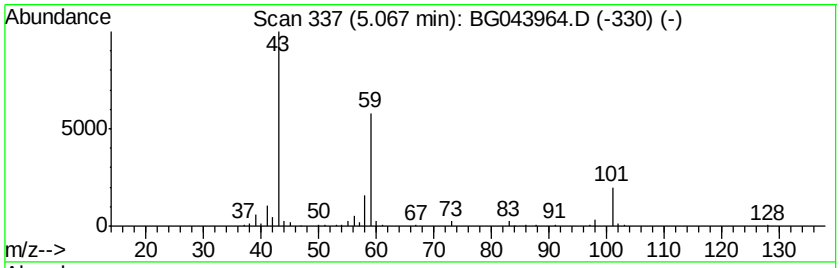
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

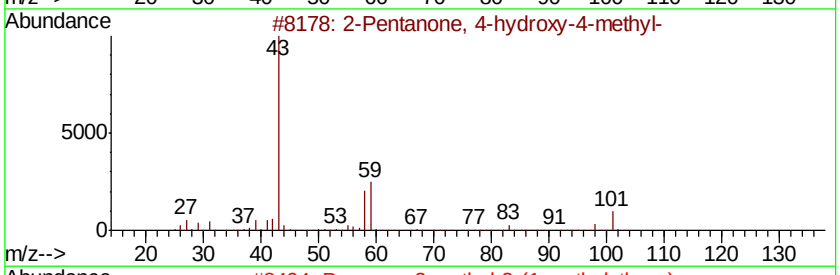
****

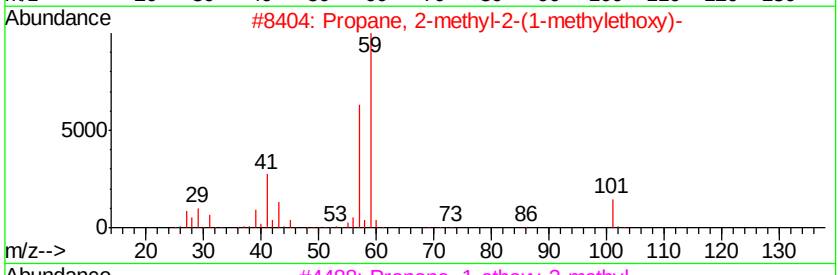
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

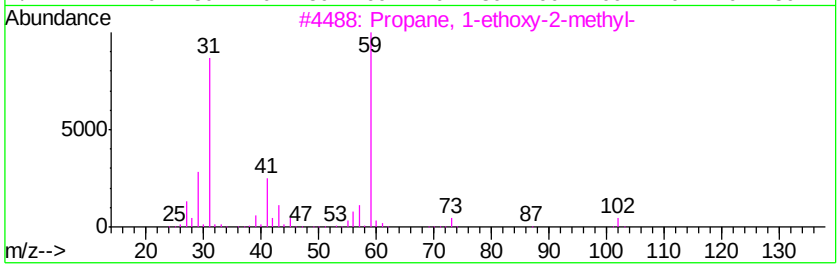
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.41 ng	160923	1,4-Dichlorobenzene-d4	7.96

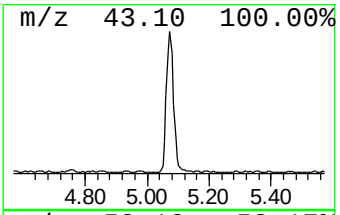
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25

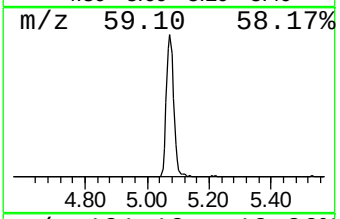


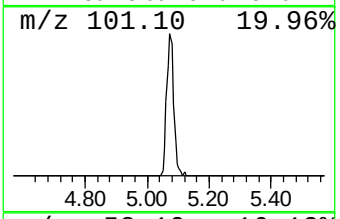


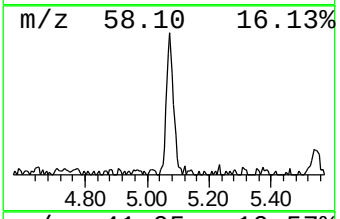


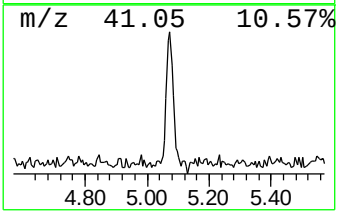












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

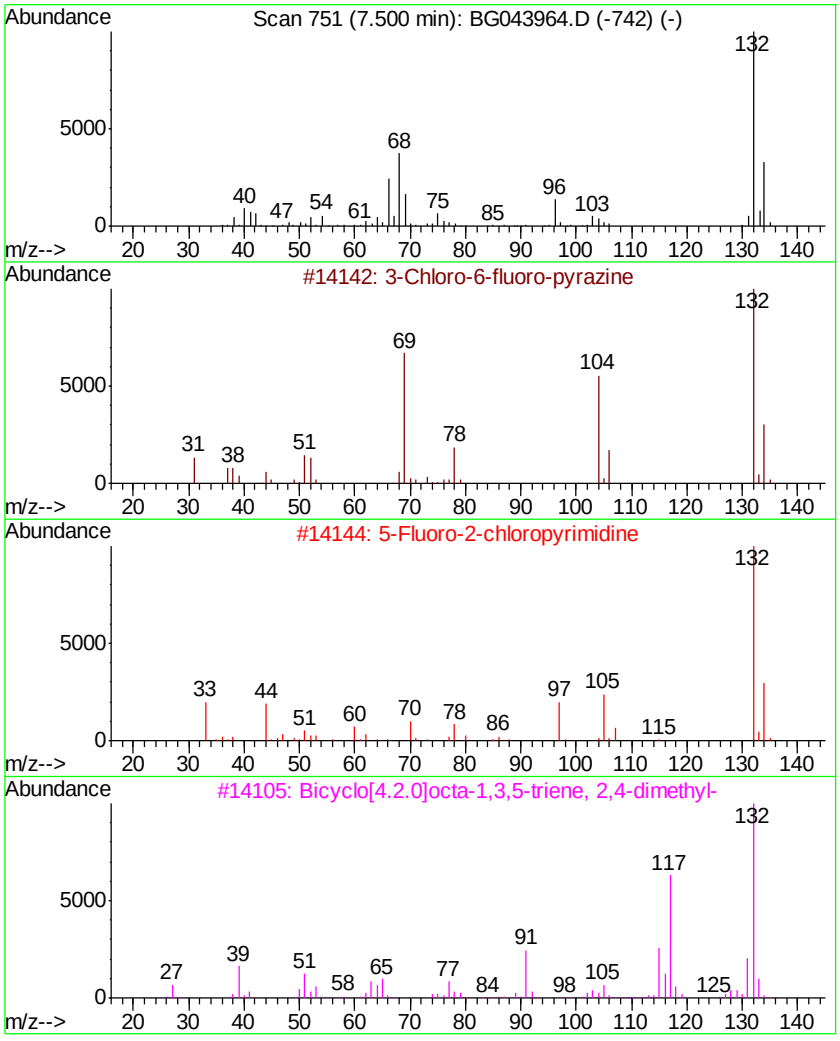
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

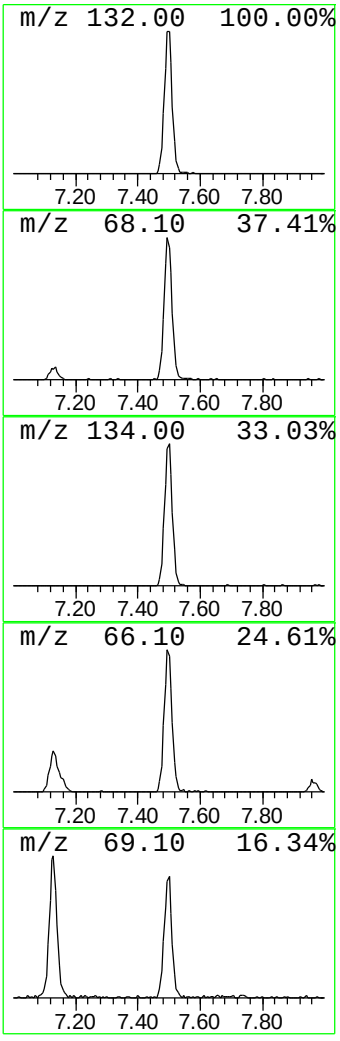
****

Peak Number 3 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	10.38 ng	490195	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

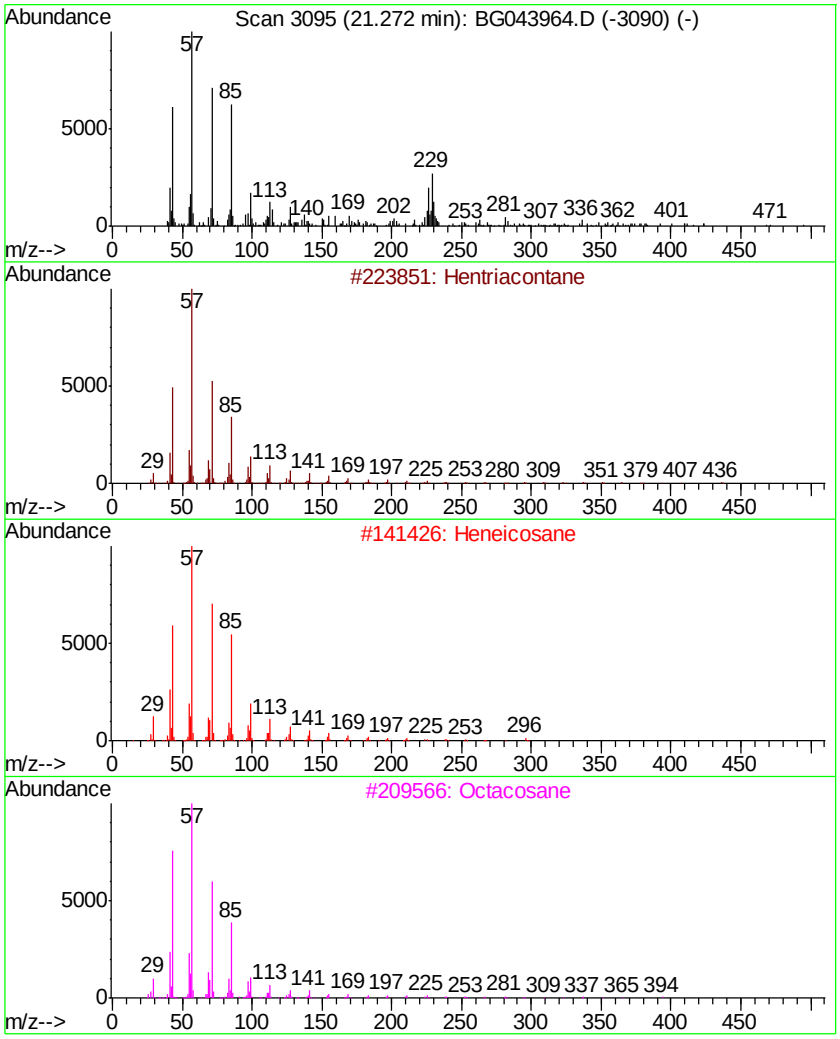
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

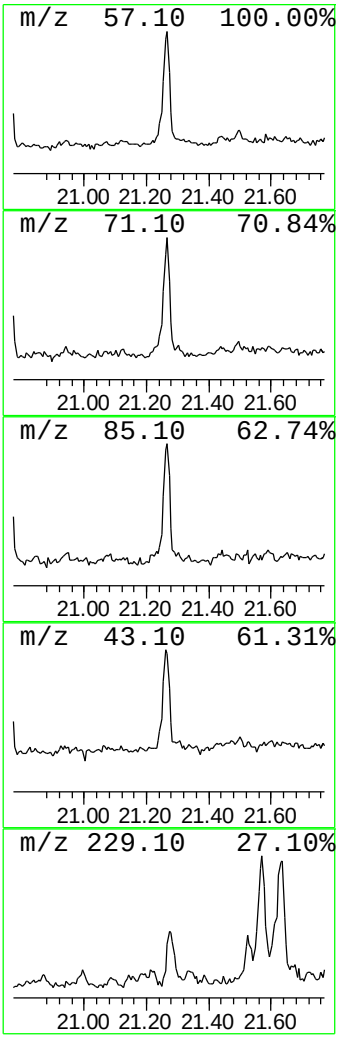
****

Peak Number 5 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.74 ng	294336	Chrysene-d12	21.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	78
2	Heneicosane	296	C21H44	000629-94-7	68
3	Octacosane	394	C28H58	000630-02-4	68
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	62
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

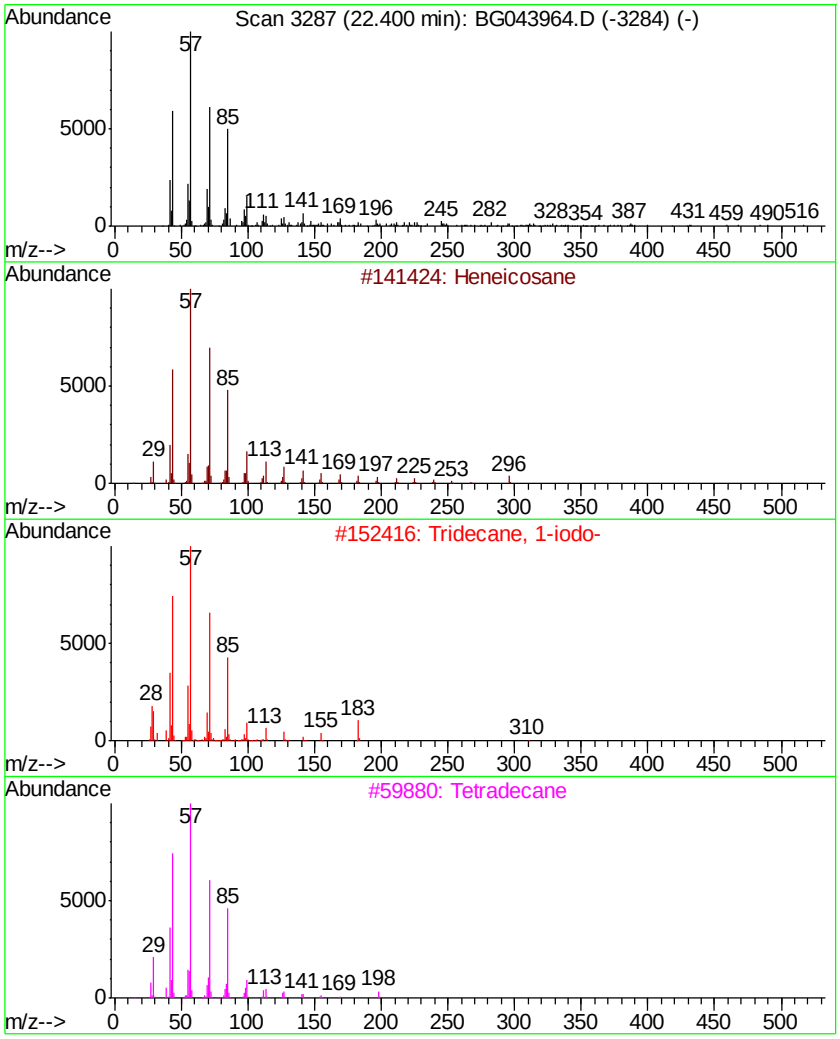
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

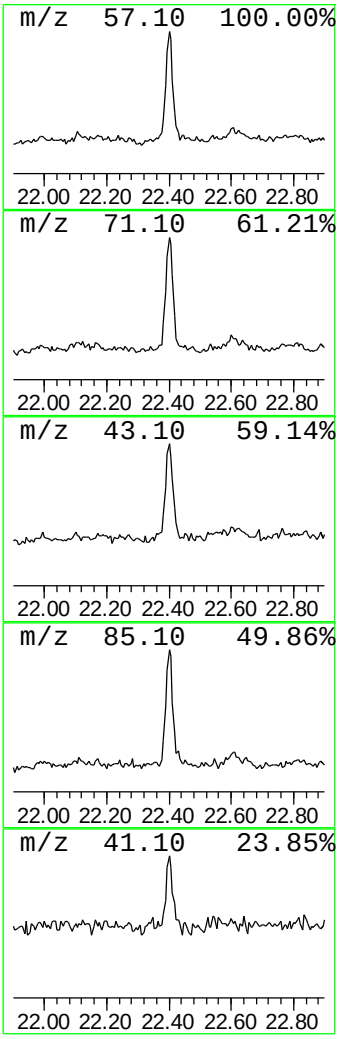
****

Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.81 ng	300860	Chrysene-d12	21.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPARTA-FINES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	3.7	ng	173789	1	7.96	944513	20.0
2-Pentanone, 4-hy...	5.07	3.4	ng	160923	1	7.96	944513	20.0
unknown7.50	7.50	10.4	ng	490195	1	7.96	944513	20.0
Hentriacontane	21.27	2.7	ng	294336	5	21.59	2144630	20.0
Heneicosane	22.40	2.8	ng	300860	5	21.59	2144630	20.0