LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

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-BG031020.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	3.158	8	12	21	rVB2	74782	159484	5.83%	0.623%
2	3.234	21	25	31	rBV	81816	124380	4.55%	0.486%
3	5.155	346	352	364	rBV	171891	287247	10.50%	1.122%
4	5.620	424	431	445	rBV	785325	1347921	49.27%	5.267%
5	6.754	618	624	630	rVB3	24763	46869	1.71%	0.183%
6	7.059	670	676	680	rVB5	17741	34036	1.24%	0.133%
7	7.206	693	701	710	rBV	881250	1539916	56.29%	6.017%
8	8.052	837	845	853	rBV	510132	903526	33.03%	3.530%
9	8.381	893	901	911	rVB	649318	1196061	43.72%	4.673%
10	9.210	1033	1042	1051	rBV	531461	1006538	36.79%	3.933%
11	10.861	1315	1323	1331	rBV	708485	1327024	48.51%	5.185%
12	12.053	1519	1526	1535	rVB9	18063	42195	1.54%	0.165%
13	12.230	1550	1556	1563	rVB2	74930	125876	4.60%	0.492%
14	12.300	1563	1568	1572	rBV2	33232	56878	2.08%	0.222%
15	13.246	1725	1729	1733	rBV4	25685	32718	1.20%	0.128%
16	13.311	1733	1740	1749	rVB	1444041	2260080	82.62%	8.831%
17	13.528	1772	1777	1784	rBV2	64886	99871	3.65%	0.390%
18	13.845	1826	1831	1840	rBV2	19415	52837	1.93%	0.206%
19	14.063	1863	1868	1872	rVB6	20347	33949	1.24%	0.133%
20	14.133	1875	1880	1884	rBV	142430	217196	7.94%	0.849%
21	14.409	1923	1927	1933	rBV	42450	78471	2.87%	0.307%
22	14.597	1955	1959	1964	rBV2	107833	138840	5.08%	0.542%
23	14.685	1967	1974	1984	rVV2	1058615	1812930	66.27%	7.083%
24	15.091	2041	2043	2050	rVB7	23349	39268	1.44%	0.153%
25	15.161	2050	2055	2058	rBV7	20232	29940	1.09%	0.117%
26	15.220	2062	2065	2071	rVB7	30634	50943	1.86%	0.199%
27	15.549	2116	2121	2126	rBV	121102	165297	6.04%	0.646%
28	15.960	2185	2191	2196	rBV2	49616	85645	3.13%	0.335%
29	16.172	2220	2227	2234	rBV	1050244	1639044	59.92%	6.404%
30	16.413	2263	2268	2271	rBV	142907	194619	7.11%	0.760%
31	17.206	2398	2403	2407	rBV	125319	174144	6.37%	0.680%
32	17.265	2409	2413	2423	rVB4	53830	105756	3.87%	0.413%
33	17.429	2435	2441	2446	rBV	1230534	1941917	70.99%	7.587%
34	17.470	2446	2448	2453	rVB	96615	128300	4.69%	0.501%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.946	2525	2529	2534	rVB	119676	143320	5.24%	0.560%
36	18.328	2587	2594	2597	rBV6	66525	154000	5.63%	0.602%
37	18.499	2620	2623	2626	rVB5	39846	49100	1.79%	0.192%
38	18.640	2643	2647	2651	rBV	97709	129700	4.74%	0.507%
39	19.262	2749	2753	2760	rBV3	188782	264199	9.66%	1.032%
40	19.480	2786	2790	2795	rVB	251247	343607	12.56%	1.343%
41	19.838	2847	2851	2858	rVB	336236	471251	17.23%	1.841%
42	20.044	2881	2886	2892	rVB	2087608	2735605	100.00%	10.688%
43	20.367	2939	2941	2944	rVB2	87298	80965	2.96%	0.316%
44	21.701	3162	3168	3174	rBV	1145964	2074314	75.83%	8.105%
45	24.926	3710	3717	3726	rVB2	635251	1668233	60.98%	6.518%

Sum of corrected areas: 25594010

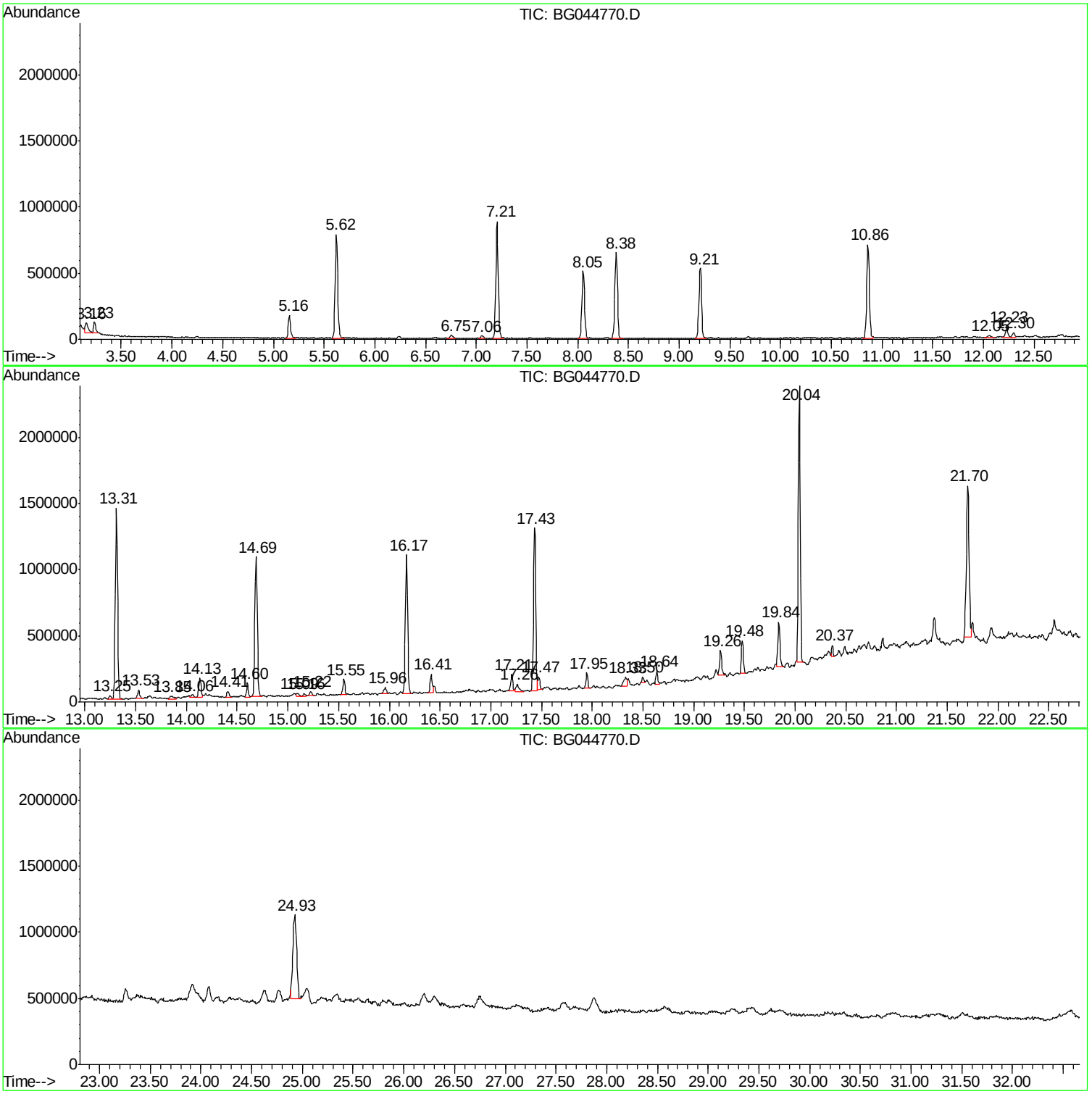
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

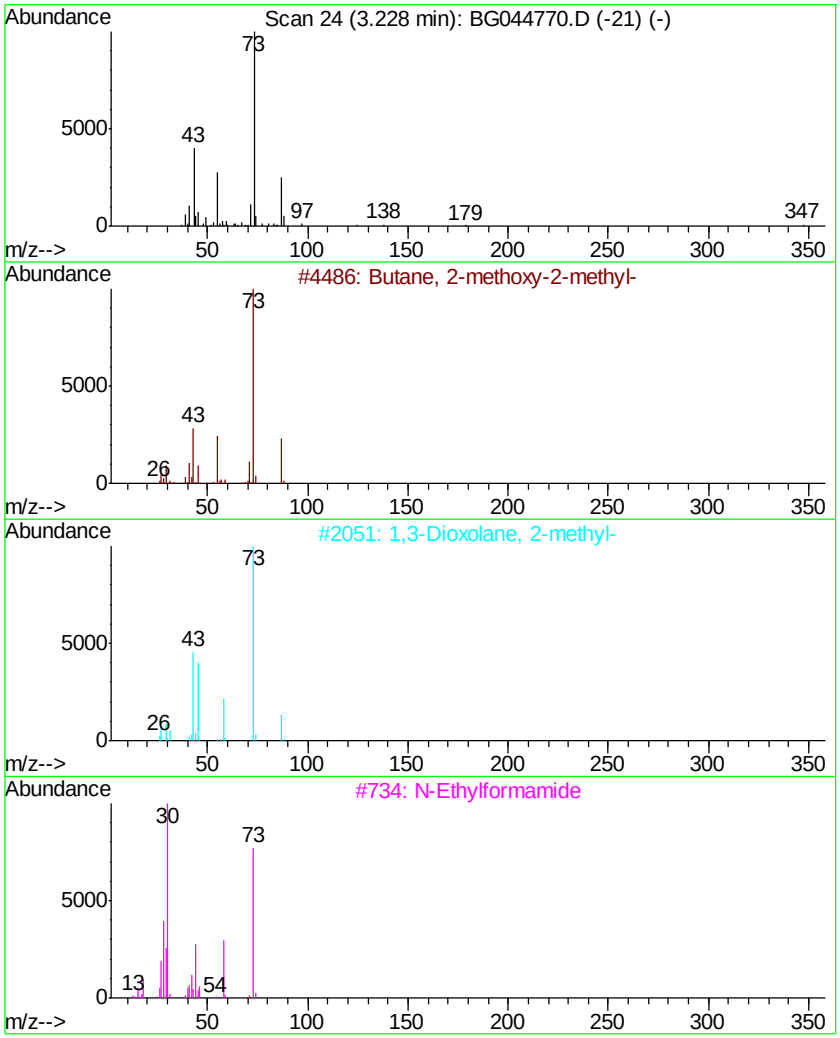
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

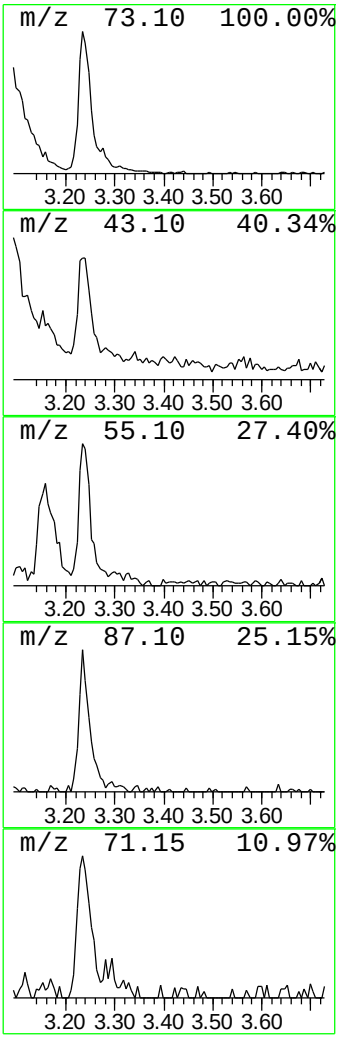
****

Peak Number 2 unknown3.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.75 ng	124380	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	25
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	16
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

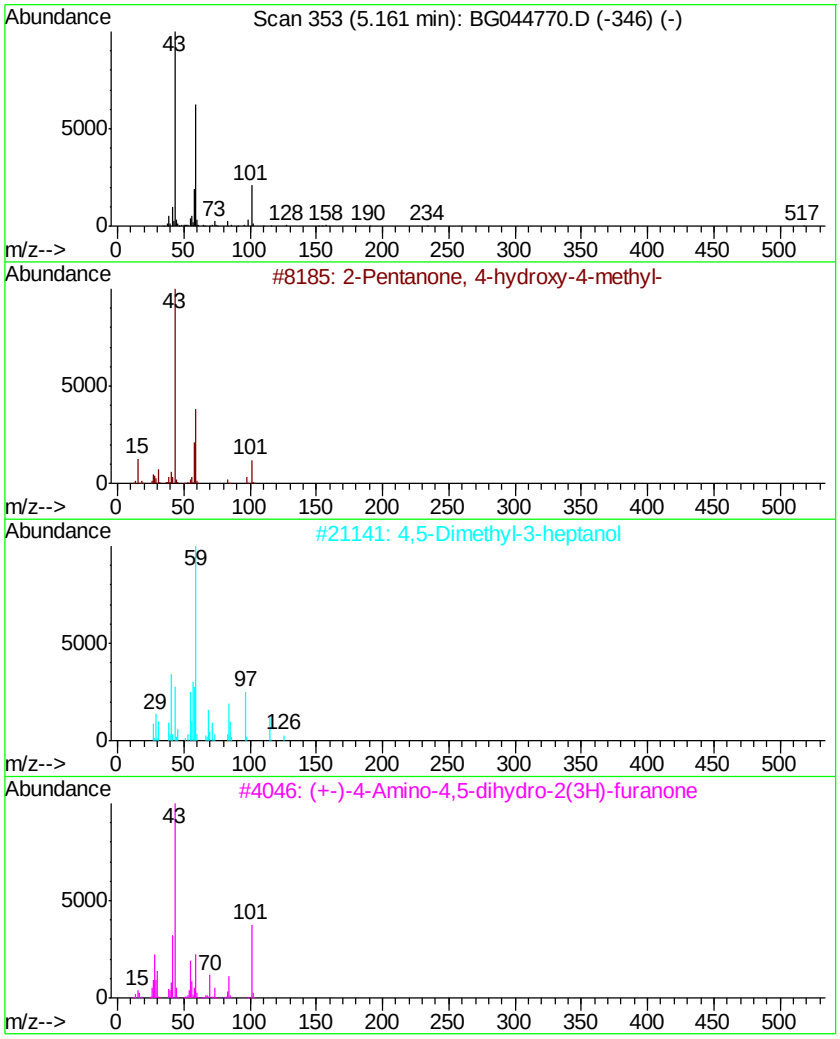
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

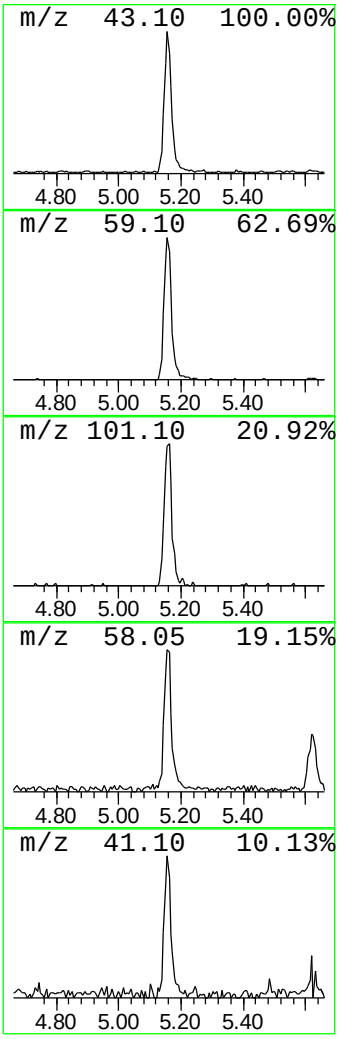
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	6.36 ng	287247	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	4,5-Dimethyl-3-heptanol	144	C9H20O	019549-76-9	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	2-Butanol, 1-mercapto-	106	C4H10OS	025807-94-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

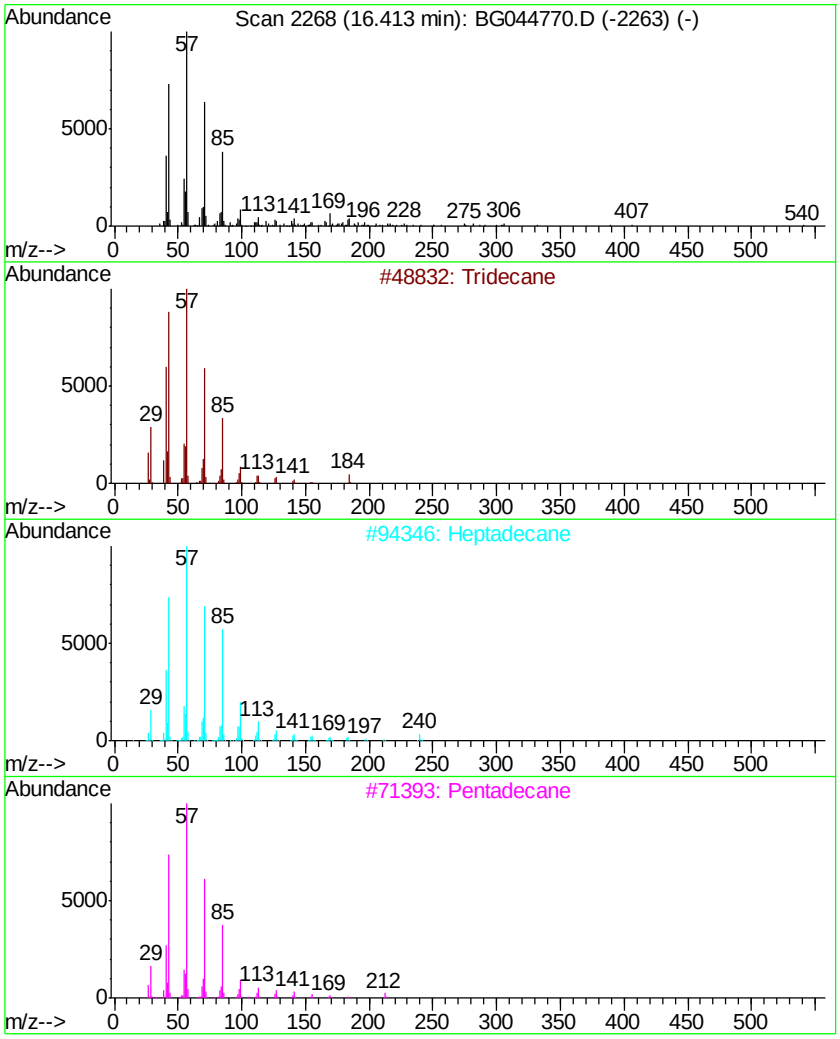
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

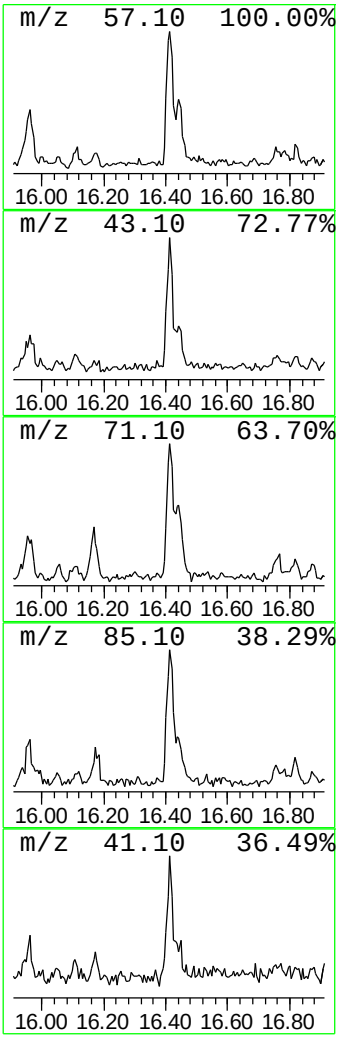
****

Peak Number 5 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.00 ng	194619	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane	240	C17H36	000629-78-7	81
3	Pentadecane	212	C15H32	000629-62-9	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

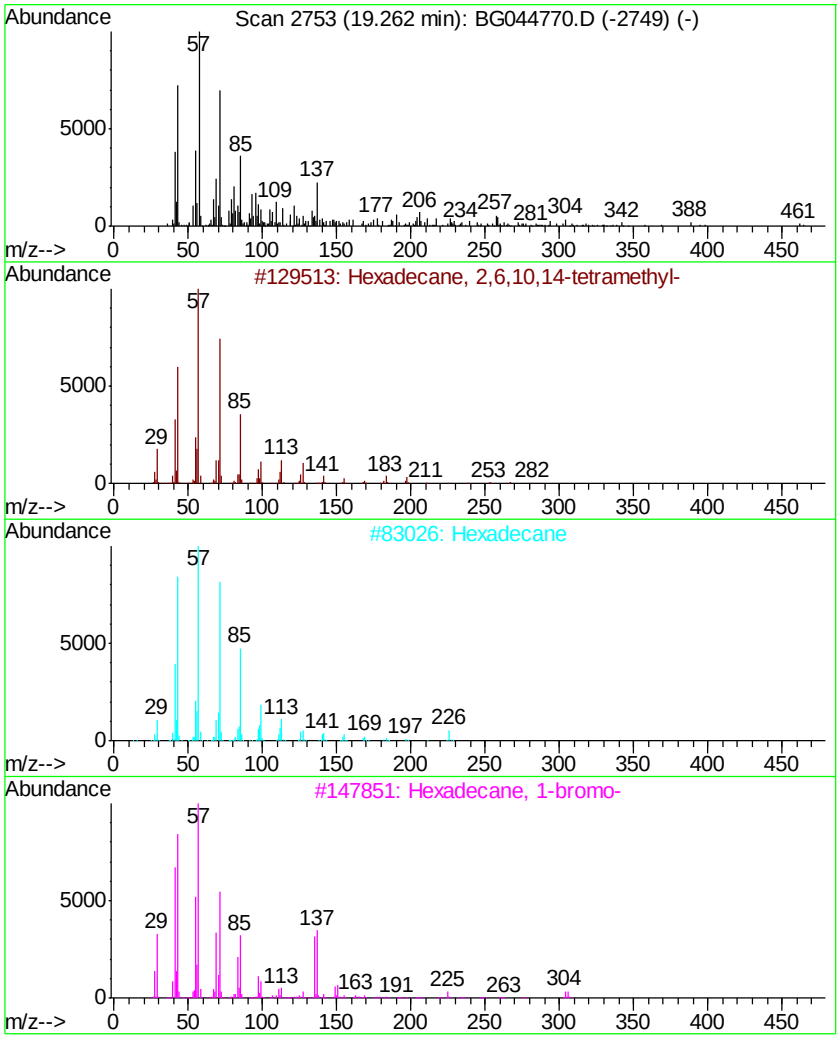
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

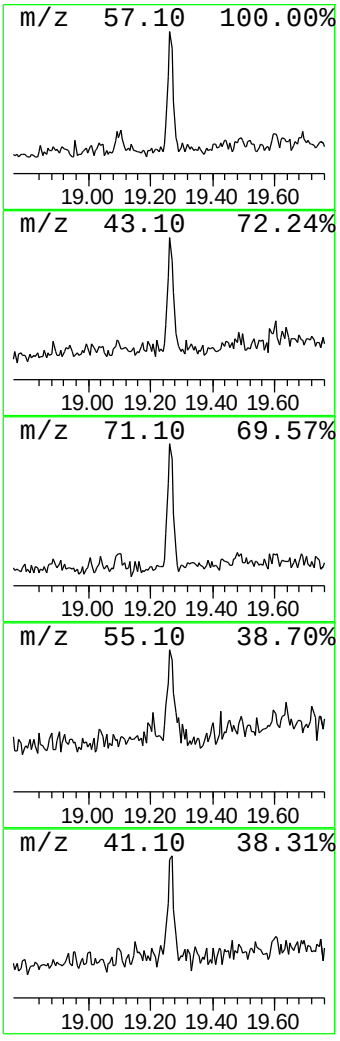
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.72 ng	264199	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
2	Hexadecane	226	C16H34	000544-76-3	55
3	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	53
4	Octacosane	394	C28H58	000630-02-4	49
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1755-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
unknown3.23	3.23	2.8	ng	124380	1	8.05	903526	20.0
2-Pentanone, 4-hy...	5.16	6.4	ng	287247	1	8.05	903526	20.0
Tridecane	16.41	2.0	ng	194619	4	17.43	1941920	20.0
Hexadecane, 2,6,1...	19.26	2.7	ng	264199	4	17.43	1941920	20.0