LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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	3.153	4	11	20	rBV	107444	283703	5.50%	0.842%
2	3.229	20	24	30	rVB2	32696	57114	1.11%	0.170%
3	5.150	345	351	357	rBV	47467	81910	1.59%	0.243%
4	5.620	423	431	442	rBV	1391650	2361211	45.77%	7.011%
5	7.201	692	700	711	rBV	1456484	2630008	50.99%	7.809%
6	8.047	837	844	851	rBV	332088	587301	11.39%	1.744%
7	8.370	890	899	911	rBV	1120963	2029597	39.35%	6.027%
8	9.204	1030	1041	1052	rBV	910506	1724707	33.44%	5.121%
9	10.855	1313	1322	1329	rBV	452150	858715	16.65%	2.550%
10	13.305	1731	1739	1746	rVB	2348724	3860564	74.84%	11.463%
11	14.122	1873	1878	1884	rBV	271939	405127	7.85%	1.203%
12	14.674	1964	1972	1980	rBV	704906	1180626	22.89%	3.506%
13	16.161	2218	2225	2236	rBV	1951532	3067240	59.46%	9.108%
14	17.424	2433	2440	2444	rBV	901288	1412036	27.37%	4.193%
15	17.465	2444	2447	2452	rVB	193886	279011	5.41%	0.828%
16	18.317	2585	2592	2595	rBV4	78666	167215	3.24%	0.497%
17	18.488	2616	2621	2626	rBV3	61726	122737	2.38%	0.364%
18	18.793	2669	2673	2676	rBV	40000	57956	1.12%	0.172%
19	19.204	2735	2743	2748	rBV2	50218	104731	2.03%	0.311%
20	19.351	2763	2768	2777	rVB5	32392	64112	1.24%	0.190%
21	19.469	2783	2788	2794	rVB	440152	653041	12.66%	1.939%
22	19.833	2840	2850	2858	rBV	407036	739051	14.33%	2.195%
23	19.904	2858	2862	2868	rVB3	30800	61239	1.19%	0.182%
24	20.033	2877	2884	2890	rBV	3813911	5158357	100.00%	15.317%
25	20.150	2902	2904	2914	rVB5	30970	63878	1.24%	0.190%
26	20.327	2930	2934	2937	rVB	49727	65590	1.27%	0.195%
27	20.485	2955	2961	2965	rVV3	45926	88788	1.72%	0.264%
28	20.667	2988	2992	2996	rVV4	33103	52057	1.01%	0.155%
29	21.084	3059	3063	3069	rVB	41042	75457	1.46%	0.224%
30	21.355	3104	3109	3116	rBV4	201197	350933	6.80%	1.042%
31	21.690	3158	3166	3171	rBV3	886854	1772054	34.35%	5.262%
32	21.737	3171	3174	3182	rVB	180756	289668	5.62%	0.860%
33	21.919	3196	3205	3209	rBV5	62684	150156	2.91%	0.446%
34	22.530	3306	3309	3316	rVB3	71009	118853	2.30%	0.353%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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	23.235	3425	3429	3434	rVB3	75375	128365	2.49%	0.381%
36	23.887	3533	3540	3546	rBV2	123579	367714	7.13%	1.092%
37	24.040	3561	3566	3576	rVB2	87719	204801	3.97%	0.608%
38	24.604	3657	3662	3672	rVB	87885	239427	4.64%	0.711%
39	24.745	3679	3686	3697	rVB	123818	335216	6.50%	0.995%
40	24.898	3702	3712	3722	rBV	487850	1426884	27.66%	4.237%

Sum of corrected areas: 33677150

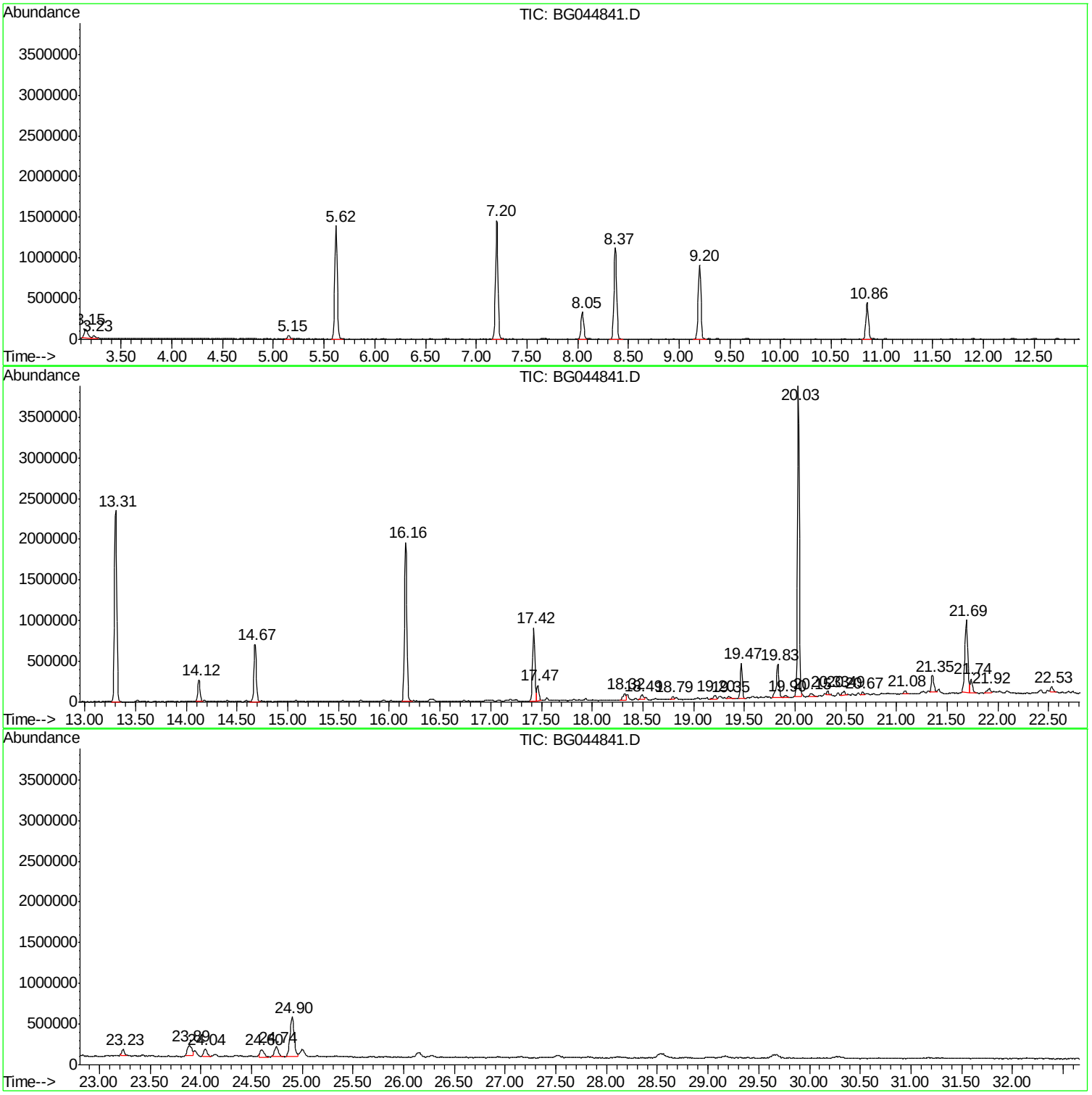
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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

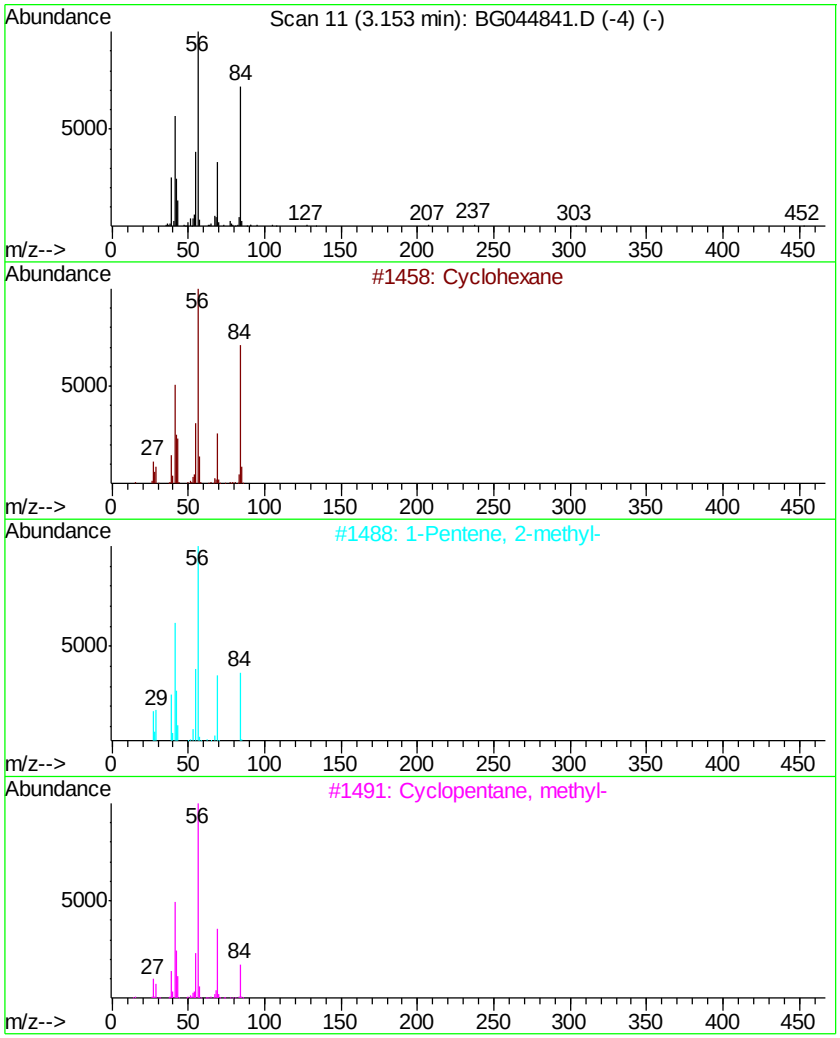
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

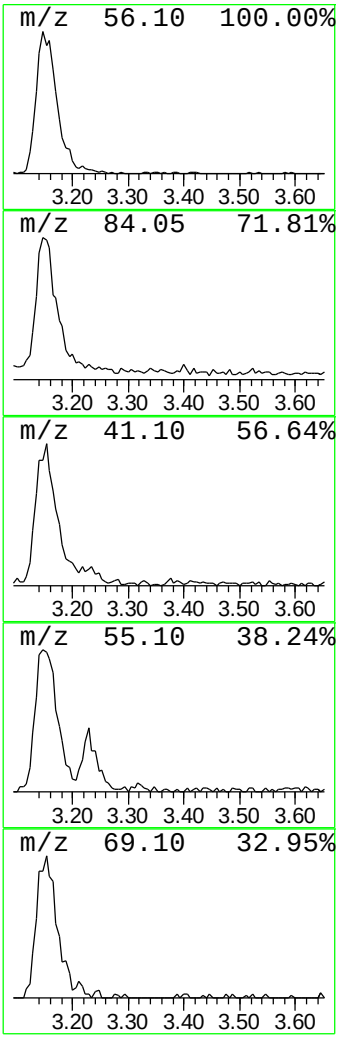
****

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	9.66 ng	283703	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	87
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Pyridine-D5-	84	C5D5N	007291-22-7	45
5	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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

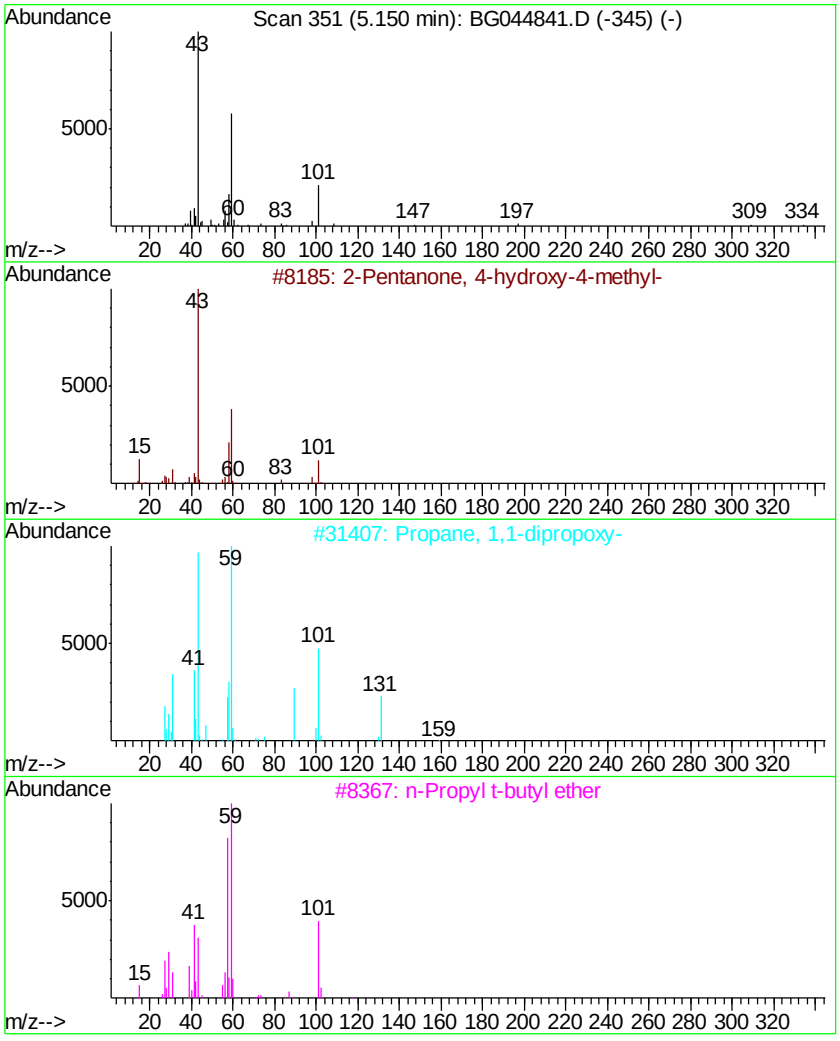
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

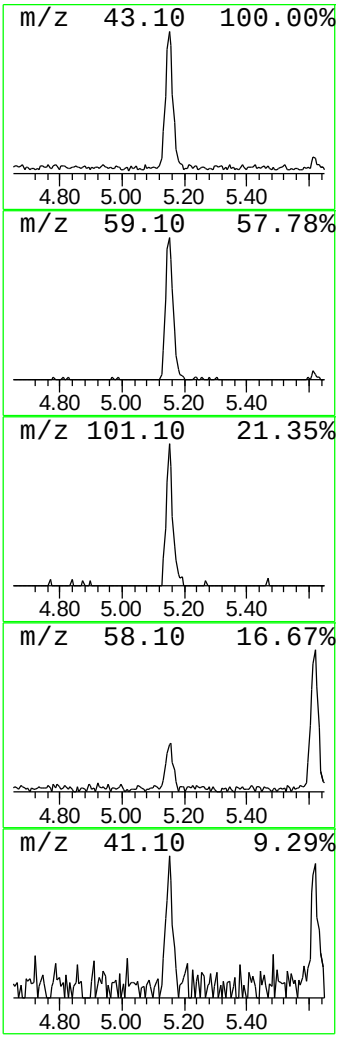
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.79 ng	81910	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	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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

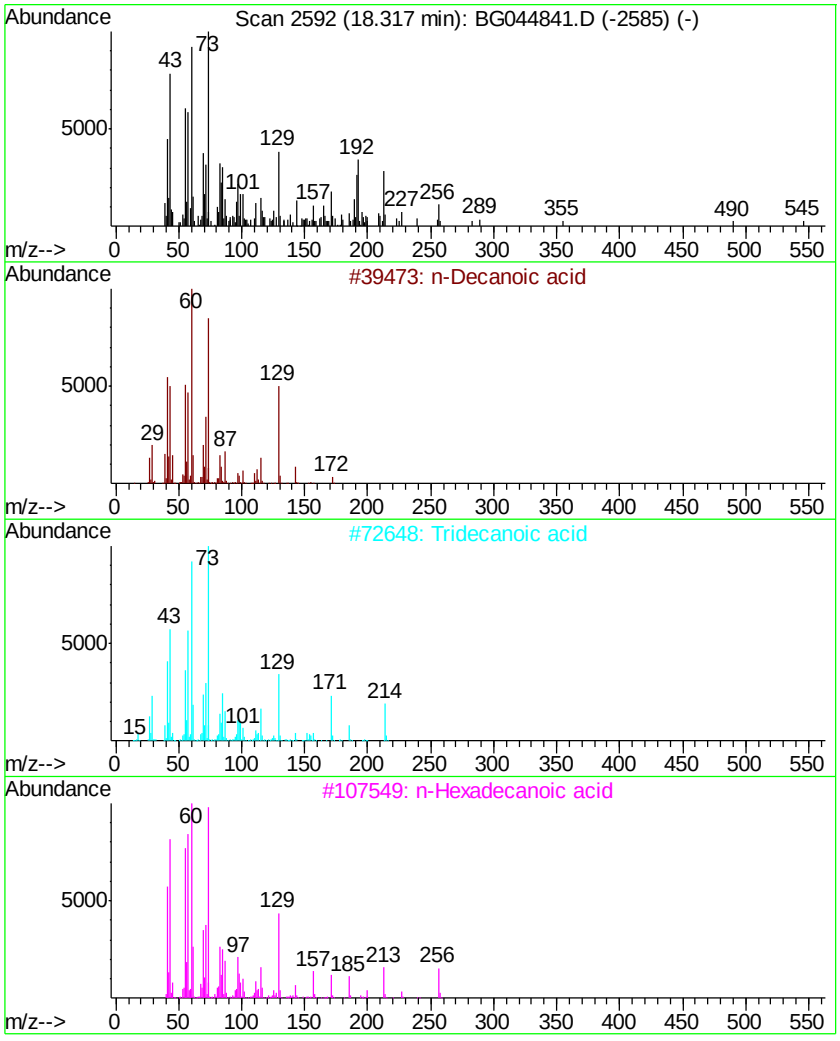
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

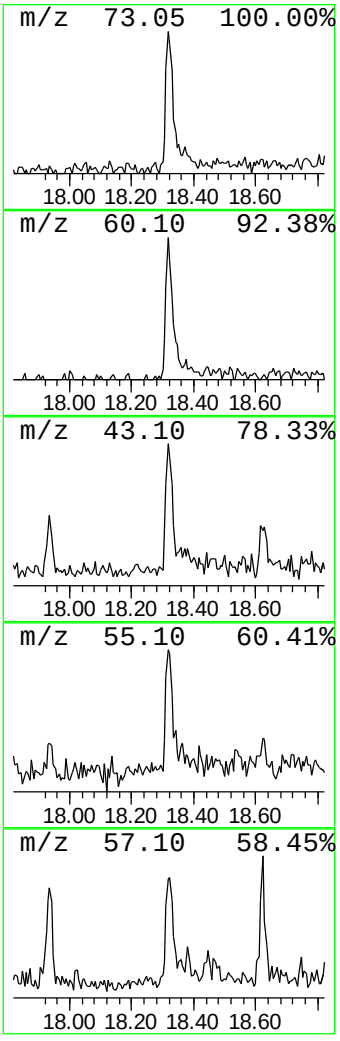
****

Peak Number 4 n-Decanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.37 ng	167215	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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

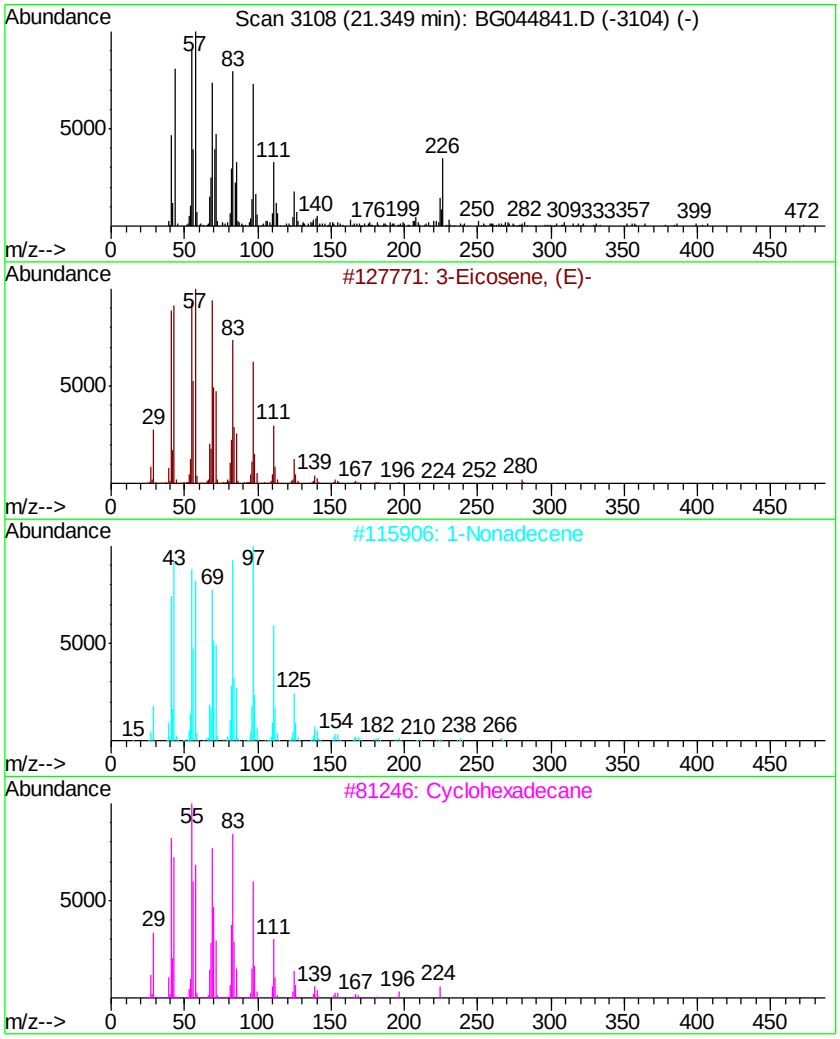
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

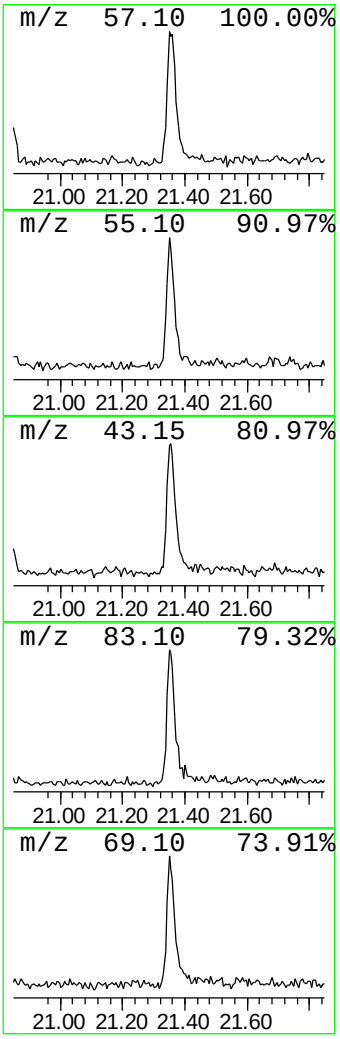
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.96 ng	350933	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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

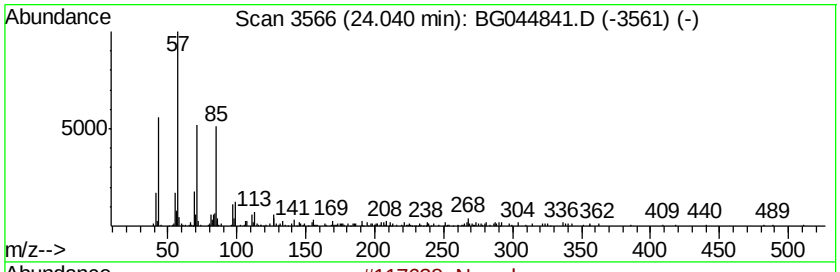
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

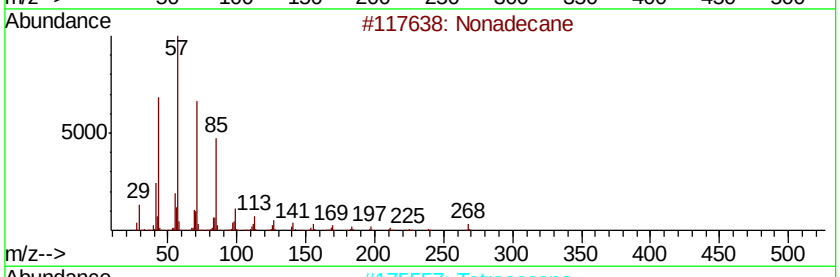
****

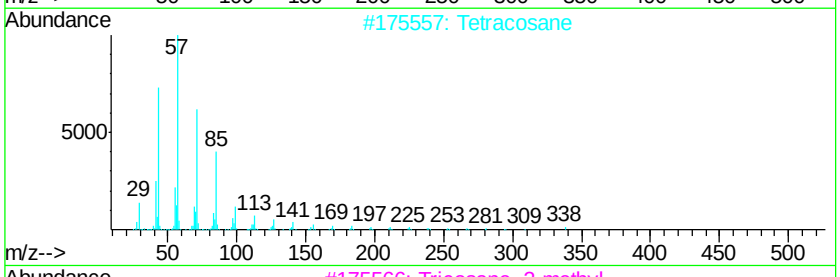
Peak Number 6 Nonadecane Concentration Rank 5

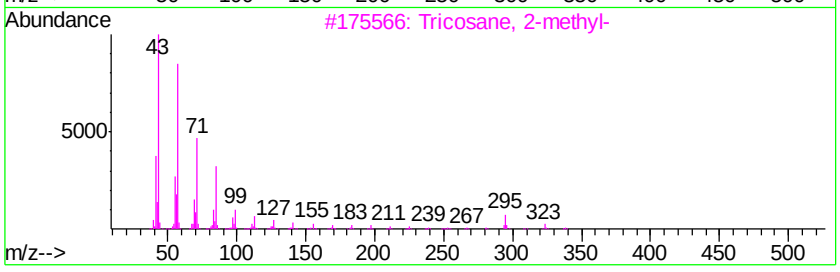
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.87 ng	204801	Perylene-d12	24.90

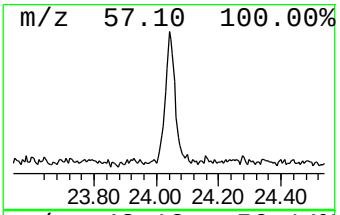
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
4	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	72
5	Docosane	310	C22H46	000629-97-0	52

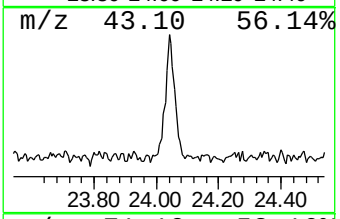


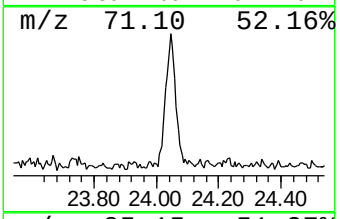


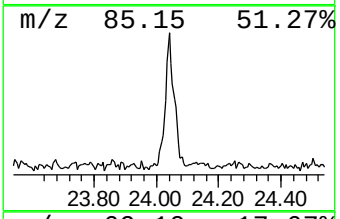


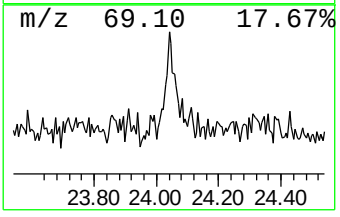












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031720\
Data File : BG044841.D
Acq On : 17 Mar 2020 20:30
Operator : CG/JU
Sample : L1893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

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
Cyclohexane	3.15	9.7	ng	283703	1	8.05	587301	20.0
2-Pentanone, 4-hy...	5.15	2.8	ng	81910	1	8.05	587301	20.0
n-Decanoic acid	18.32	2.4	ng	167215	4	17.42	1412040	20.0
3-Eicosene, (E)-	21.35	4.0	ng	350933	5	21.69	1772050	20.0
Nonadecane	24.04	2.9	ng	204801	6	24.90	1426880	20.0