LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
Data File : BG044466.D
Acq On : 18 Feb 2020 3:28
Operator : CG/JU
Sample : L1529-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-049-B

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-BG013020.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	4.988	317	323	338	rVB	80101	134025	4.08%	0.558%
2	5.470	398	405	421	rBV	880148	1430956	43.59%	5.961%
3	7.062	669	676	690	rBV	875937	1551103	47.24%	6.462%
4	7.891	809	817	826	rBV	279315	464313	14.14%	1.934%
5	8.214	863	872	880	rBV	730848	1278974	38.96%	5.328%
6	9.048	1005	1014	1023	rBV	517895	973993	29.67%	4.058%
7	10.687	1283	1293	1300	rBV	358307	683583	20.82%	2.848%
8	13.149	1705	1712	1728	rBV	1397957	2286473	69.64%	9.525%
9	13.984	1845	1854	1861	rBV	35970	61300	1.87%	0.255%
10	14.530	1937	1947	1954	rBV	613749	981009	29.88%	4.087%
11	14.595	1954	1958	1967	rVB	46496	73879	2.25%	0.308%
12	15.582	2120	2126	2134	rBV	28594	48610	1.48%	0.203%
13	16.017	2193	2200	2213	rBV	1123853	1722561	52.47%	7.176%
14	17.274	2407	2414	2418	rBV	772401	1175102	35.79%	4.895%
15	17.315	2418	2421	2427	rVV	306904	438509	13.36%	1.827%
16	17.403	2427	2436	2443	rVB	64682	124730	3.80%	0.520%
17	17.673	2472	2482	2488	rBV2	34807	77616	2.36%	0.323%
18	18.149	2558	2563	2567	rBV	24342	39340	1.20%	0.164%
19	18.202	2567	2572	2576	rVB	36887	53625	1.63%	0.223%
20	18.349	2591	2597	2600	rBV2	55478	96001	2.92%	0.400%
21	18.649	2644	2648	2651	rBV	26065	38678	1.18%	0.161%
22	18.684	2651	2654	2662	rVB4	19468	36571	1.11%	0.152%
23	19.207	2738	2743	2747	rBV3	17900	33950	1.03%	0.141%
24	19.330	2758	2764	2770	rBV	536818	777765	23.69%	3.240%
25	19.595	2807	2809	2814	rVB	34677	39888	1.21%	0.166%
26	19.689	2816	2825	2834	rVV	480867	825446	25.14%	3.439%
27	19.894	2852	2860	2865	rBV	2406100	3283125	100.00%	13.677%
28	20.018	2875	2881	2887	rBV3	34416	90492	2.76%	0.377%
29	20.182	2905	2909	2916	rVB	84337	126133	3.84%	0.525%
30	20.282	2922	2926	2930	rBV2	63849	85808	2.61%	0.357%
31	20.635	2984	2986	2992	rVB3	32670	41564	1.27%	0.173%
32	21.187	3076	3080	3087	rVB4	193234	316248	9.63%	1.317%
33	21.516	3128	3136	3141	rBV3	858044	1766664	53.81%	7.360%
34	21.563	3141	3144	3155	rVB	237330	374285	11.40%	1.559%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.619	3489	3494	3502	rBV2	165764	479221	14.60%	1.996%
36	24.448	3630	3635	3645	rVB	146816	353328	10.76%	1.472%
37	24.601	3652	3661	3687	rVB2	483606	1639730	49.94%	6.831%

Sum of corrected areas: 24004598

LSC Report - Integrated Chromatogram

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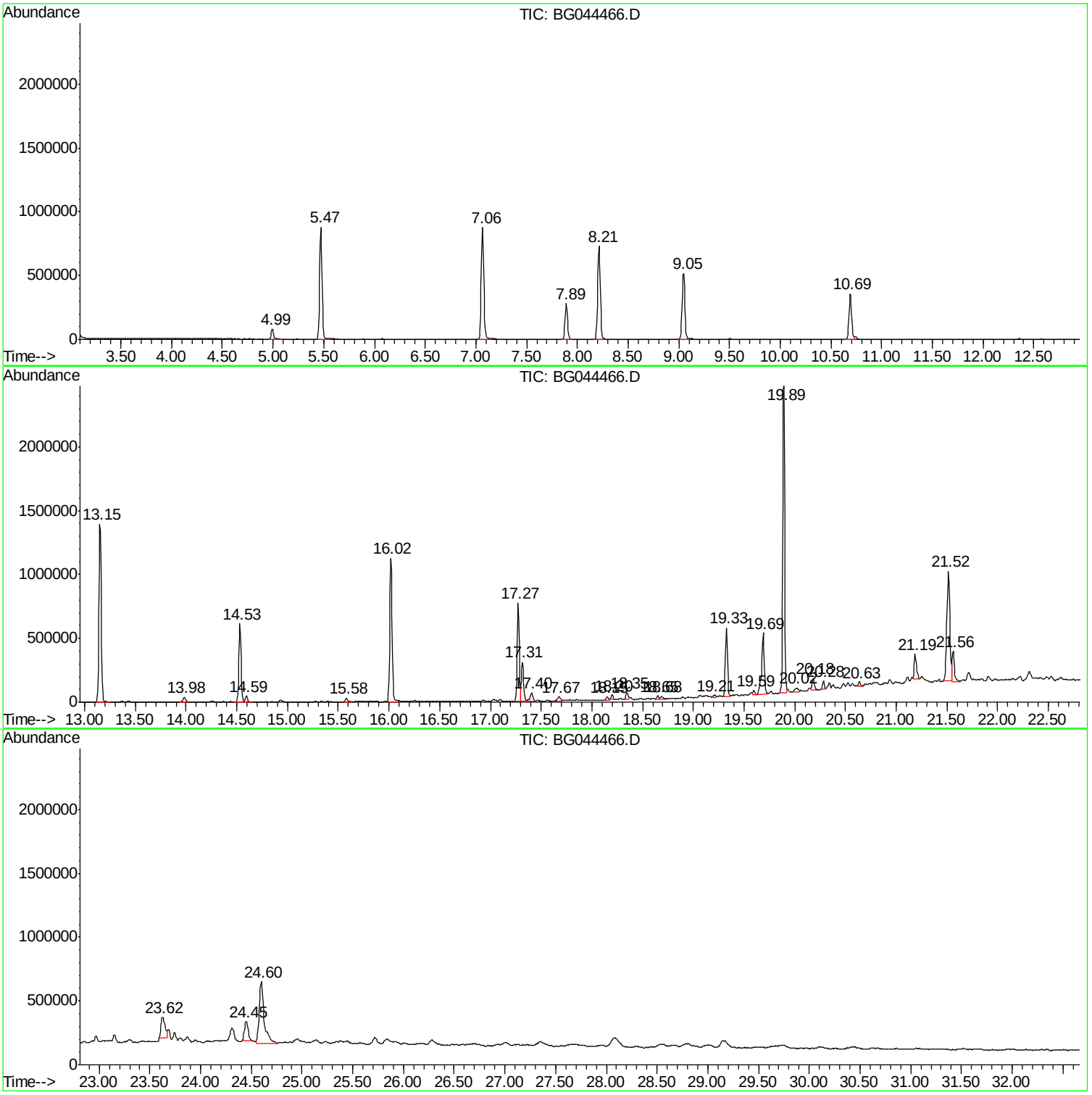
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-049-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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

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Data File : BG044466.D
Acq On : 18 Feb 2020 3:28
Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : FK-GF-02-049-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

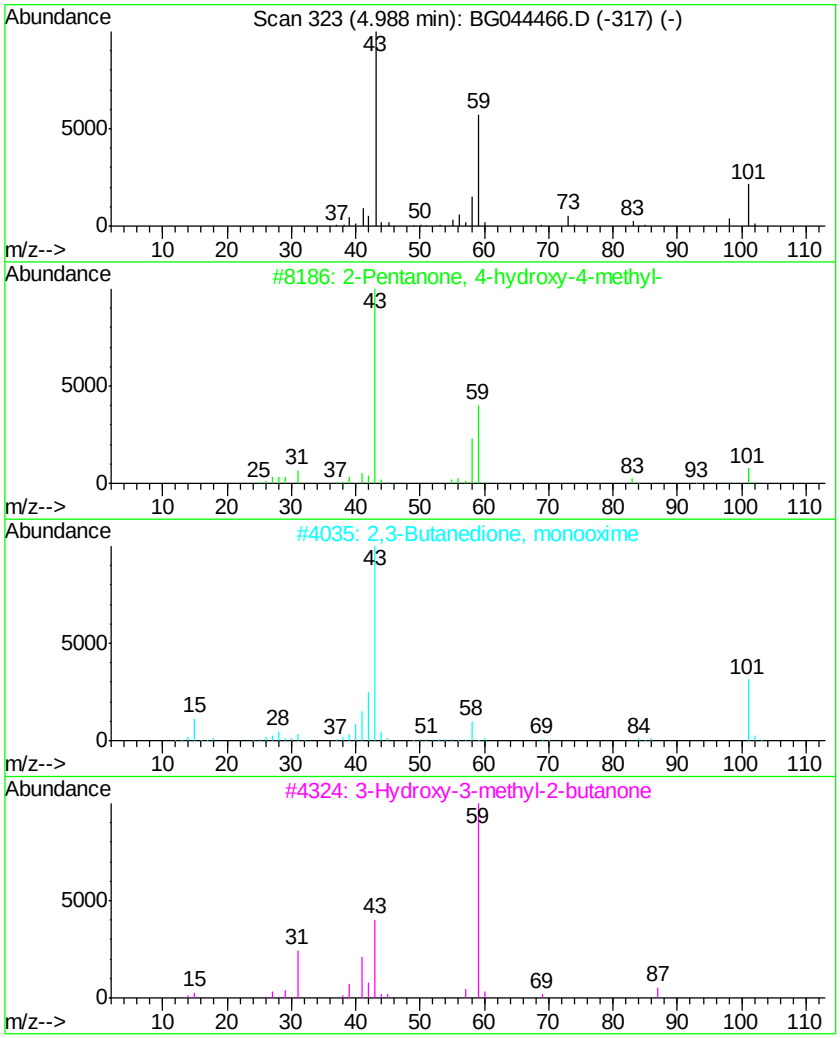
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

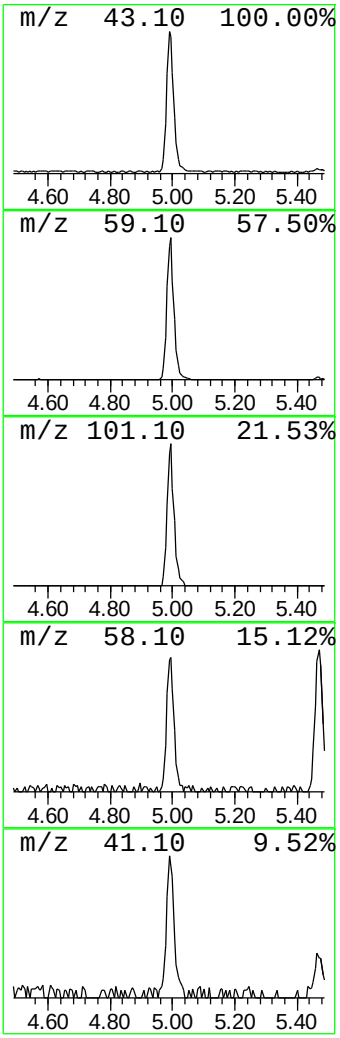
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	5.77 ng	134025	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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ClientSampleId : FK-GF-02-049-B

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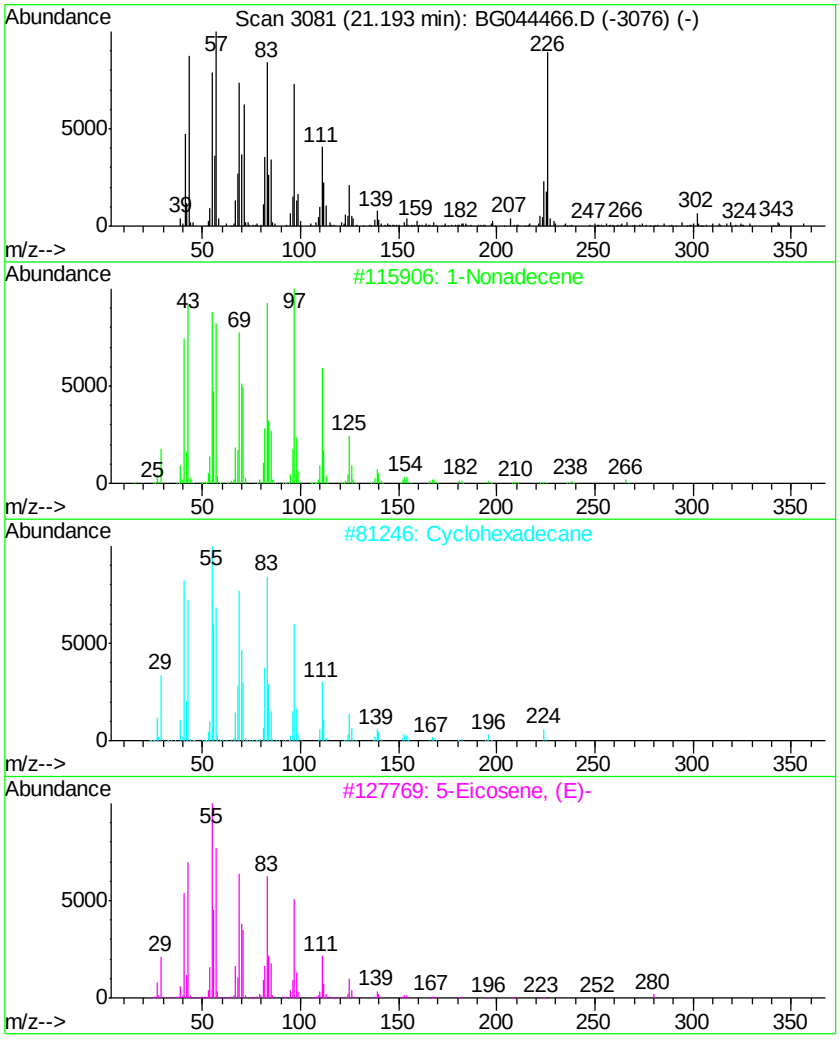
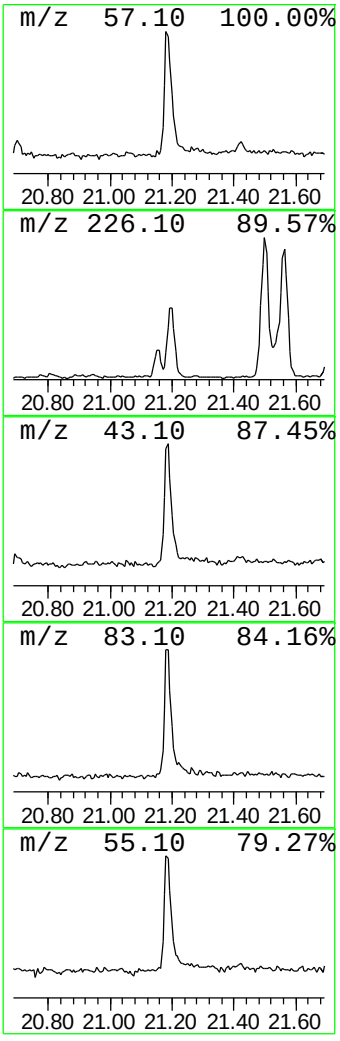
****

Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	3.58 ng	316248	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Cyclohexadecane	224	C16H32	000295-65-8	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
ClientSampleId : FK-GF-02-049-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
2-Pentanone, 4-hy...	4.99	5.8	ng	134025	1	7.89	464313	20.0
1-Nonadecene	21.19	3.6	ng	316248	5	21.52	1766660	20.0