LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045389.D
Acq On : 14 May 2020 22:31
Operator : CG/JU
Sample : L2605-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 239996

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-BG041520.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	3.133	3	7	16	rVB	60767	98635	5.69%	0.653%
2	5.541	410	417	428	rBV	390088	683376	39.43%	4.526%
3	7.139	682	689	704	rBV	434235	774058	44.66%	5.126%
4	7.973	823	831	839	rBV	287148	517803	29.88%	3.429%
5	8.296	877	886	894	rBV	368438	657395	37.93%	4.354%
6	9.130	1021	1028	1038	rBV	274163	516274	29.79%	3.419%
7	10.775	1300	1308	1320	rBV	386206	742572	42.84%	4.918%
8	13.236	1718	1727	1736	rBV	831661	1316747	75.97%	8.720%
9	14.059	1860	1867	1874	rBV	106548	162268	9.36%	1.075%
10	14.611	1955	1961	1969	rBV	645334	1065674	61.49%	7.058%
11	16.103	2208	2215	2225	rBV	605311	951177	54.88%	6.299%
12	17.360	2422	2429	2434	rBV	789539	1253693	72.33%	8.303%
13	17.401	2434	2436	2442	rVB	71350	98169	5.66%	0.650%
14	18.241	2573	2579	2583	rBV2	21376	40620	2.34%	0.269%
15	18.288	2583	2587	2592	rVB2	22579	36680	2.12%	0.243%
16	18.435	2607	2612	2615	rBV3	22861	38774	2.24%	0.257%
17	18.465	2615	2617	2625	rVB2	12011	20586	1.19%	0.136%
18	18.741	2658	2664	2666	rBV4	12678	19886	1.15%	0.132%
19	18.776	2666	2670	2678	rVB6	15380	28509	1.64%	0.189%
20	19.158	2731	2735	2738	rBV2	16150	21944	1.27%	0.145%
21	19.293	2754	2758	2763	rBV8	19137	28664	1.65%	0.190%
22	19.416	2773	2779	2785	rBV	130607	190432	10.99%	1.261%
23	19.775	2831	2840	2847	rBV	121250	225266	13.00%	1.492%
24	19.974	2868	2874	2881	rBV	1310402	1733208	100.00%	11.478%
25	20.110	2891	2897	2902	rBV6	22078	44947	2.59%	0.298%
26	20.427	2946	2951	2954	rBV4	27552	38553	2.22%	0.255%
27	20.568	2971	2975	2978	rBV3	20186	32157	1.86%	0.213%
28	21.026	3050	3053	3061	rVB3	25666	43408	2.50%	0.287%
29	21.284	3093	3097	3105	rVV4	72378	126415	7.29%	0.837%
30	21.349	3105	3108	3115	rVB6	21241	40706	2.35%	0.270%
31	21.519	3135	3137	3142	rVB2	22866	27851	1.61%	0.184%
32	21.625	3147	3155	3160	rBV	753205	1326667	76.54%	8.786%
33	21.831	3186	3190	3198	rVB7	42109	78951	4.56%	0.523%
34	22.430	3287	3292	3298	rBV4	56296	105897	6.11%	0.701%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.111	3405	3408	3416	rVB3	57050	102328	5.90%	0.678%
36	23.781	3514	3522	3529	rBV3	48847	151450	8.74%	1.003%
37	23.910	3537	3544	3551	rVB2	71111	150386	8.68%	0.996%
38	24.492	3636	3643	3648	rBV4	27120	68569	3.96%	0.454%
39	24.786	3683	3693	3713	rBV	445589	1434858	82.79%	9.503%
40	25.949	3889	3891	3903	rVB5	52438	104189	6.01%	0.690%

Sum of corrected areas: 15099742

LSC Report - Integrated Chromatogram

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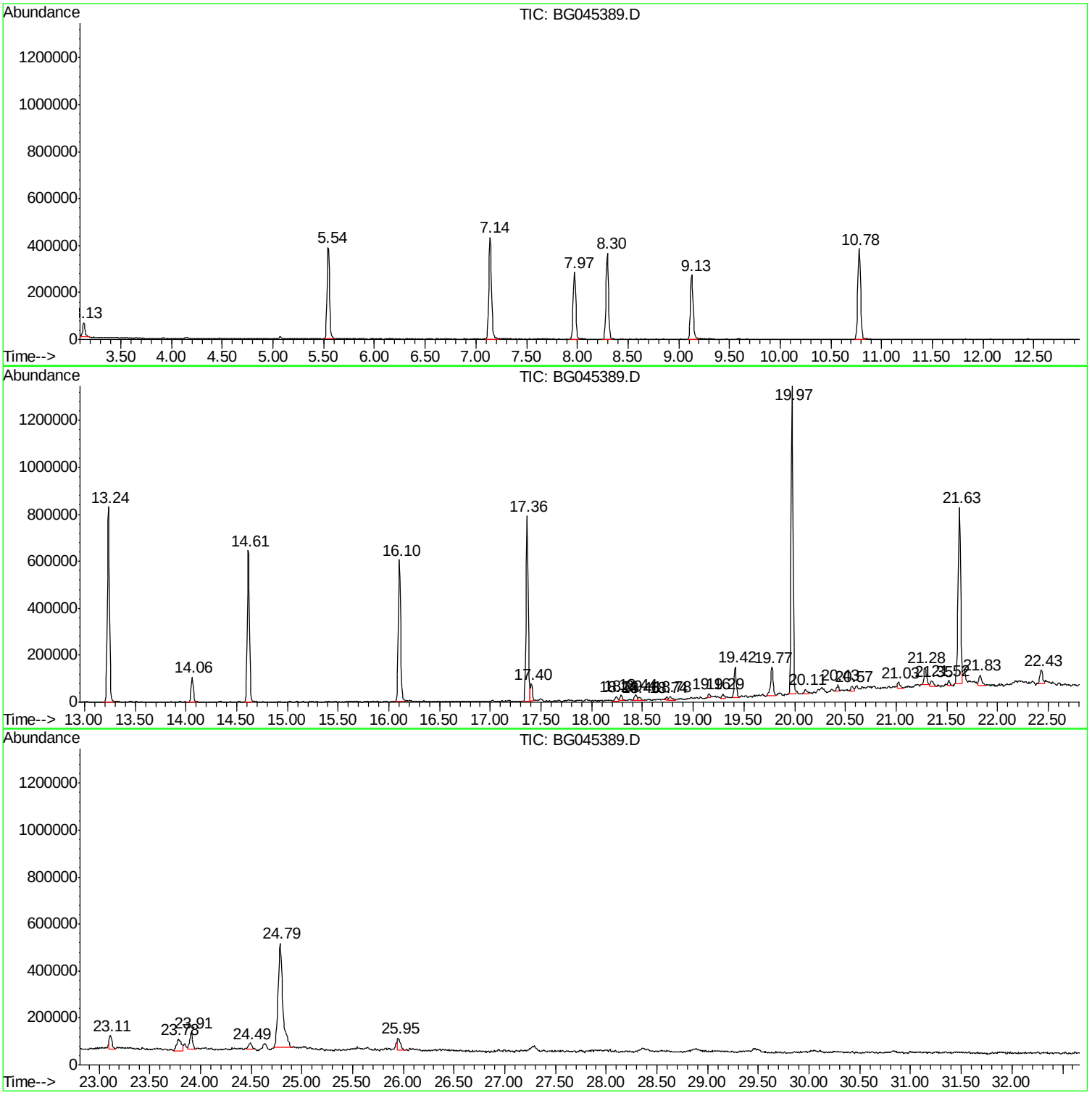
Instrument : BNA_G
ClientSampleId : 239996

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : L2605-07 2X
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Instrument : BNA_G
ClientSampleId : 239996

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

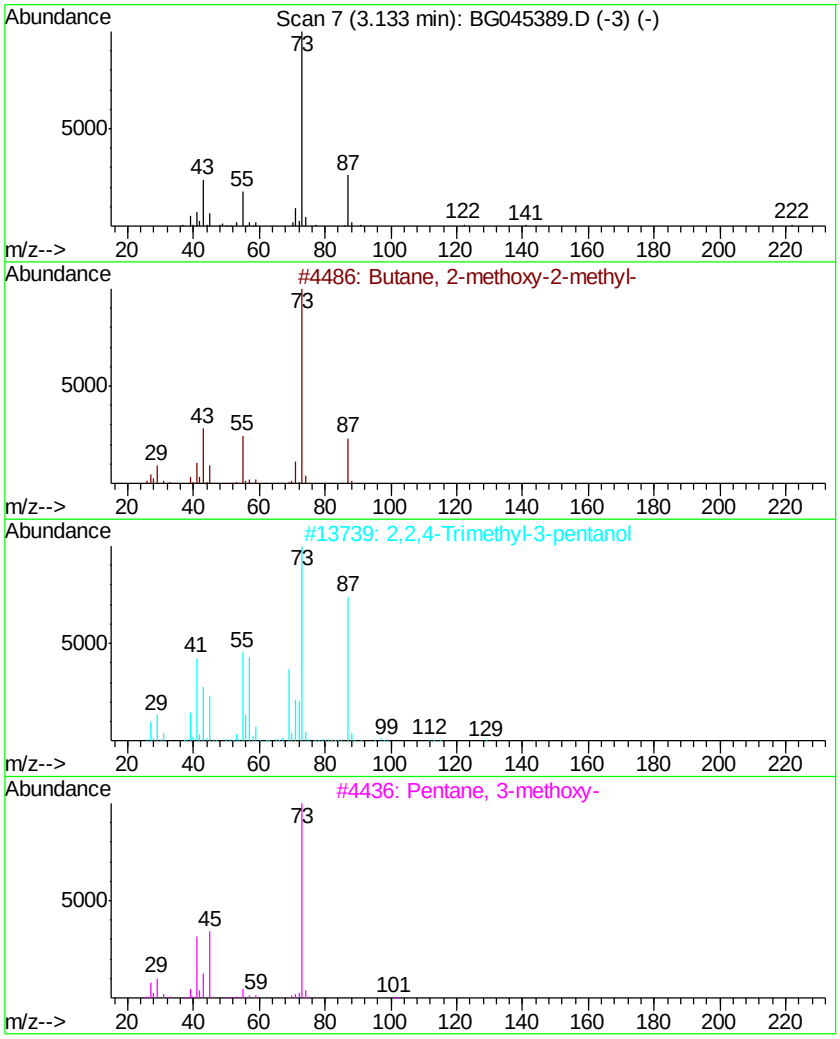
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

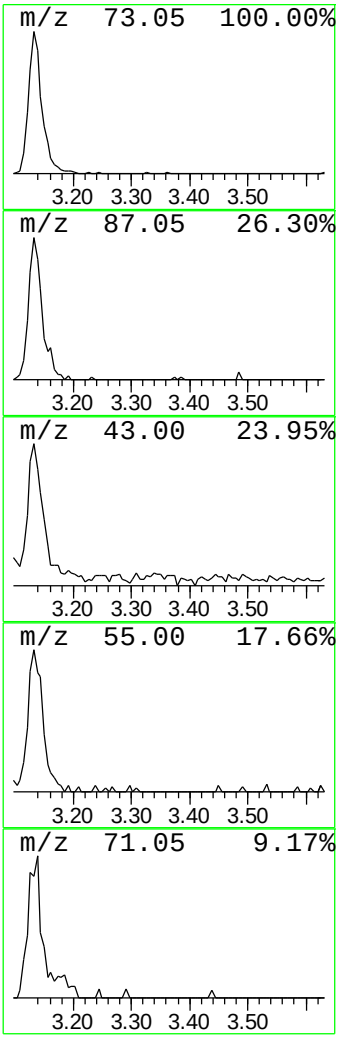
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	3.81 ng	98635	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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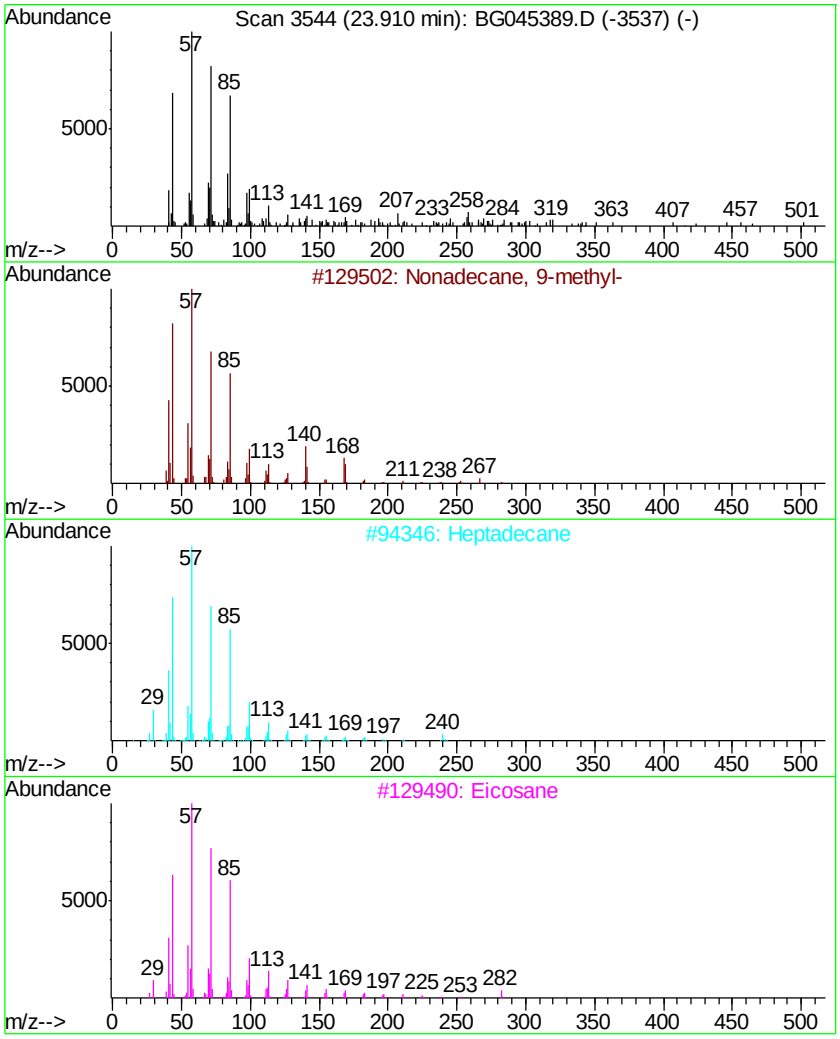
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

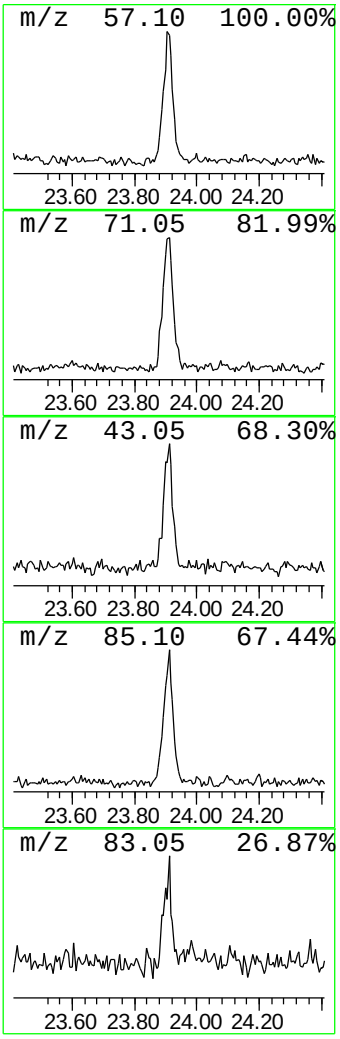
****

Peak Number 5 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.10 ng	150386	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
2	Heptadecane	240	C17H36	000629-78-7	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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...	3.13	3.8	ng	98635	1	7.97	517803	20.0
Nonadecane, 9-met...	23.91	2.1	ng	150386	6	24.79	1434860	20.0