LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050706.D
Acq On : 23 Oct 2021 2:29
Operator : CG/JU
Sample : M4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 454BASIN-20211014

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.796	385	393	409	rBV	583866	1097128	64.05%	9.755%
2	7.400	658	666	681	rBV	636644	1188952	69.41%	10.572%
3	8.252	805	811	823	rBV	188936	345705	20.18%	3.074%
4	9.427	1003	1011	1023	rBV	401389	765555	44.69%	6.807%
5	10.820	1242	1248	1261	rBV2	57509	122017	7.12%	1.085%
6	11.078	1285	1292	1299	rBV	269901	505646	29.52%	4.496%
7	13.499	1695	1704	1712	rBV	978444	1571910	91.76%	13.977%
8	14.874	1931	1938	1946	rVB	407369	652217	38.07%	5.799%
9	16.360	2184	2191	2200	rBV	634375	1015582	59.29%	9.030%
10	17.618	2399	2405	2410	rBV	431859	682740	39.86%	6.071%
11	17.659	2410	2412	2418	rVB	31524	45020	2.63%	0.400%
12	18.252	2510	2513	2518	rVB4	15806	24026	1.40%	0.214%
13	19.656	2750	2752	2759	rVB2	39384	49893	2.91%	0.444%
14	20.209	2840	2846	2851	rBV	1264774	1713012	100.00%	15.231%
15	20.943	2967	2971	2976	rVB	710714	828776	48.38%	7.369%
16	21.519	3066	3069	3080	rVB3	91753	191079	11.15%	1.699%
17	21.924	3133	3138	3145	rVB	248714	447502	26.12%	3.979%

Sum of corrected areas: 11246760

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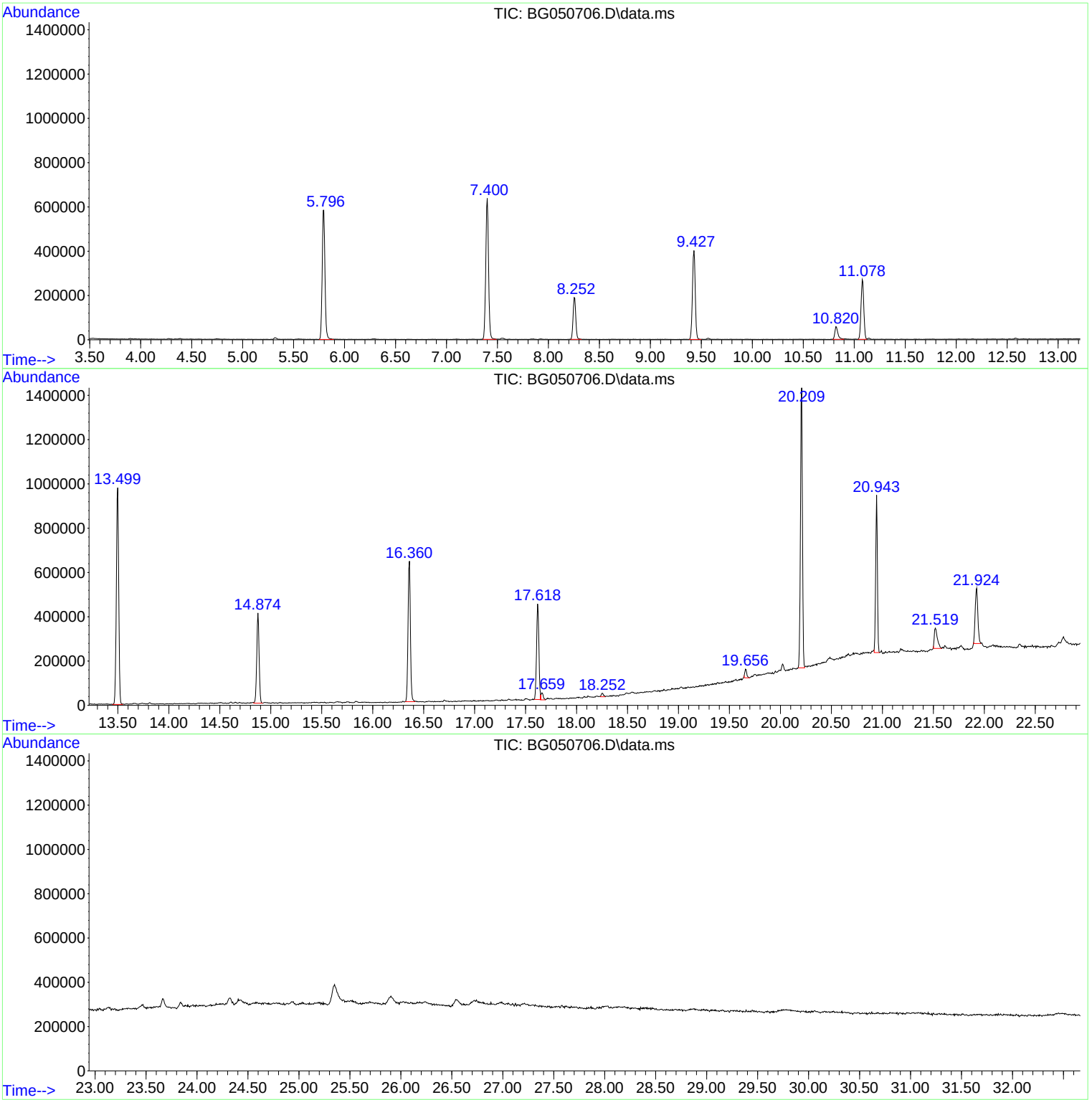
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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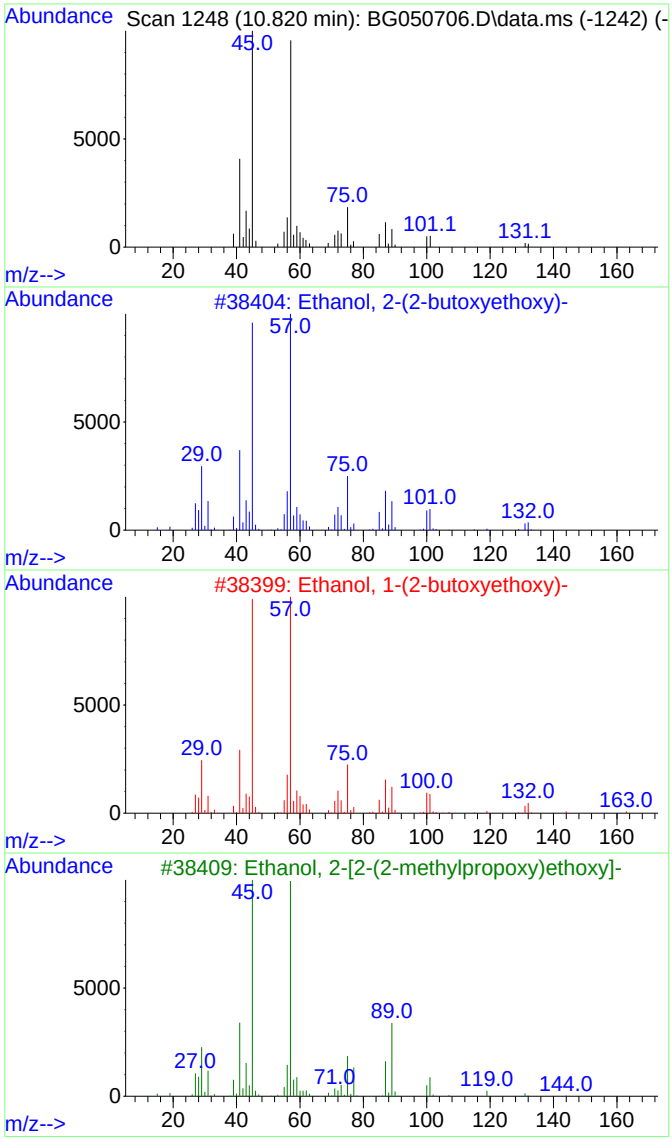
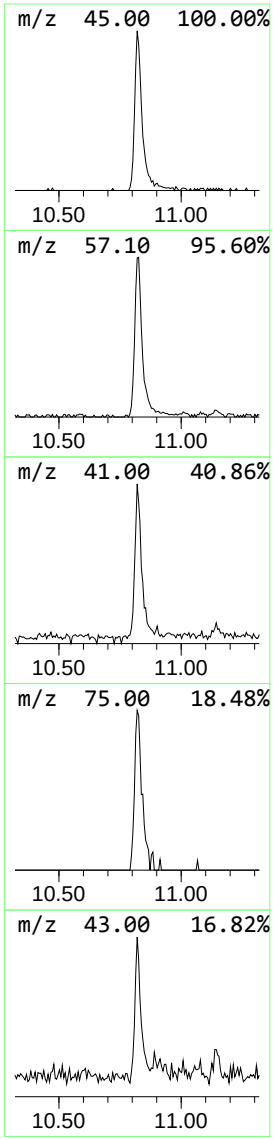
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.820	4.83 ng	122017	Naphthalene-d8	11.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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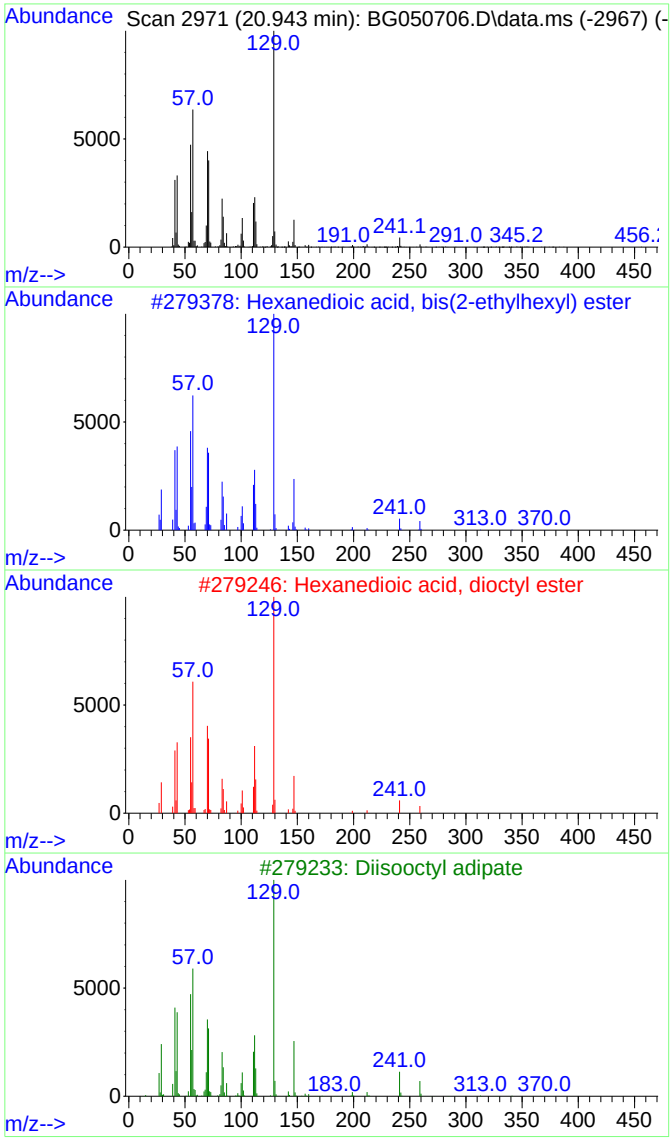
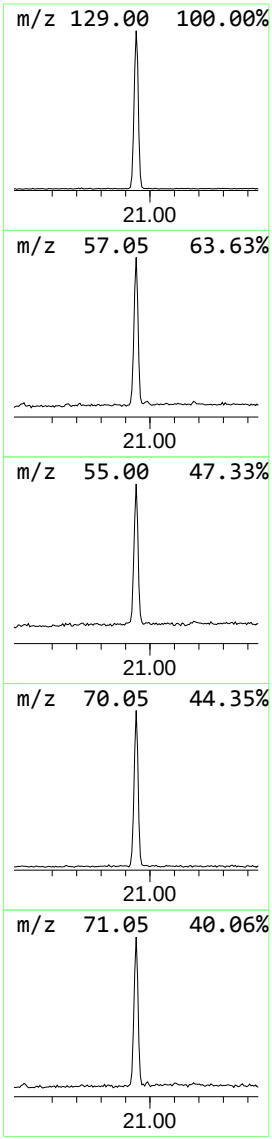
Peak Number 2 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.943	37.04 ng	828776	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	94
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	81
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	72
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	49
5	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	43





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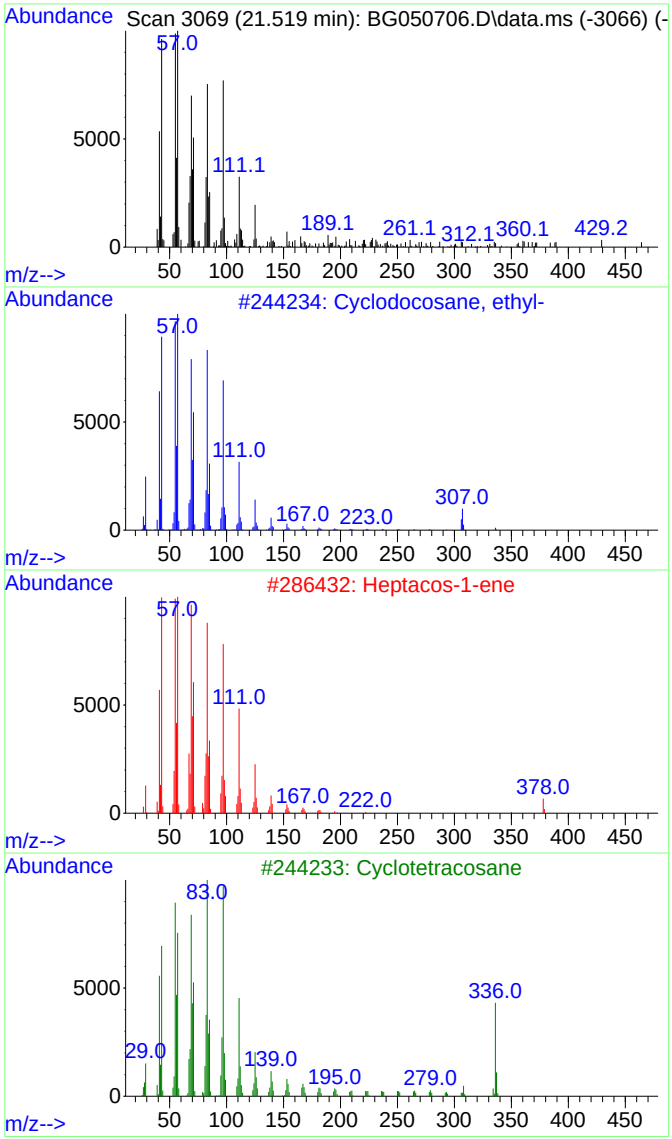
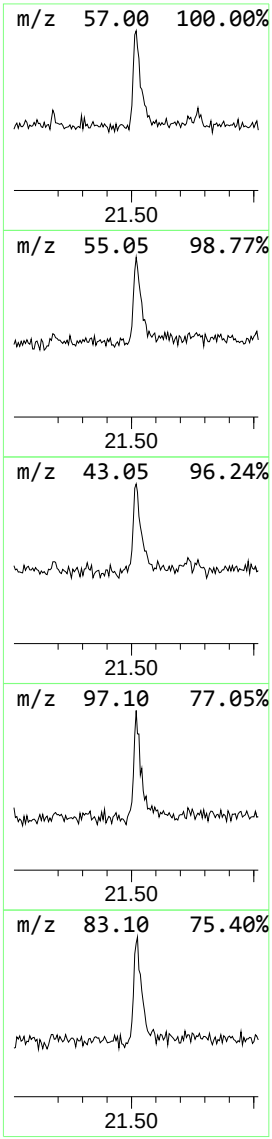
Peak Number 3 Cyclodocosane, ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.519	8.54 ng	191079	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
2	Heptacos-1-ene	378	C27H54	015306-27-1	94
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.820	4.8	ng	122017	2	11.078	505646	20.0
Hexanedioic aci...	20.943	37.0	ng	828776	5	21.924	447502	20.0
Cyclodocosane, ...	21.519	8.5	ng	191079	5	21.924	447502	20.0