LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060197.D
Acq On : 2 Jan 2024 16:30
Operator : MA/JU
Sample : 06039-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EC48-WEST

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-BG122923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	11	rVB	285675	355868	2.53%	0.542%
2	5.043	326	333	339	rBV	281952	439031	3.13%	0.669%
3	5.508	404	412	429	rBV	2803215	4598229	32.75%	7.002%
4	7.100	674	683	698	rBV	2622209	4531426	32.27%	6.900%
5	7.934	817	825	833	rBV	732985	1296136	9.23%	1.974%
6	9.098	1015	1023	1035	rBV	1677811	2990559	21.30%	4.554%
7	10.737	1294	1302	1317	rBV	1093038	2107488	15.01%	3.209%
8	13.199	1713	1721	1733	rBV	5341482	8494792	60.50%	12.935%
9	14.573	1948	1955	1963	rBV	2121580	3240950	23.08%	4.935%
10	16.060	2201	2208	2221	rBV	3748401	5842825	41.61%	8.897%
11	17.323	2416	2423	2439	rBV	2701163	4266539	30.39%	6.497%
12	19.944	2862	2869	2883	rBV	10059776	14040559	100.00%	21.380%
13	21.230	3084	3088	3101	rBV	442569	749669	5.34%	1.142%
14	21.589	3142	3149	3162	rBV	3082781	5056991	36.02%	7.700%
15	22.341	3271	3277	3281	rBV2	96279	181314	1.29%	0.276%
16	23.046	3392	3397	3404	rBV10	86782	197864	1.41%	0.301%
17	23.193	3418	3422	3427	rBV3	139469	276635	1.97%	0.421%
18	23.252	3428	3432	3441	rVB2	258802	485910	3.46%	0.740%
19	24.227	3591	3598	3607	rBV4	166465	443115	3.16%	0.675%
20	24.767	3678	3690	3705	rBV	1775417	5200005	37.04%	7.918%
21	25.490	3805	3813	3822	rBV2	148686	476340	3.39%	0.725%
22	27.071	4073	4082	4092	rBV8	103353	400714	2.85%	0.610%

Sum of corrected areas: 65672959

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ClientSampleId :
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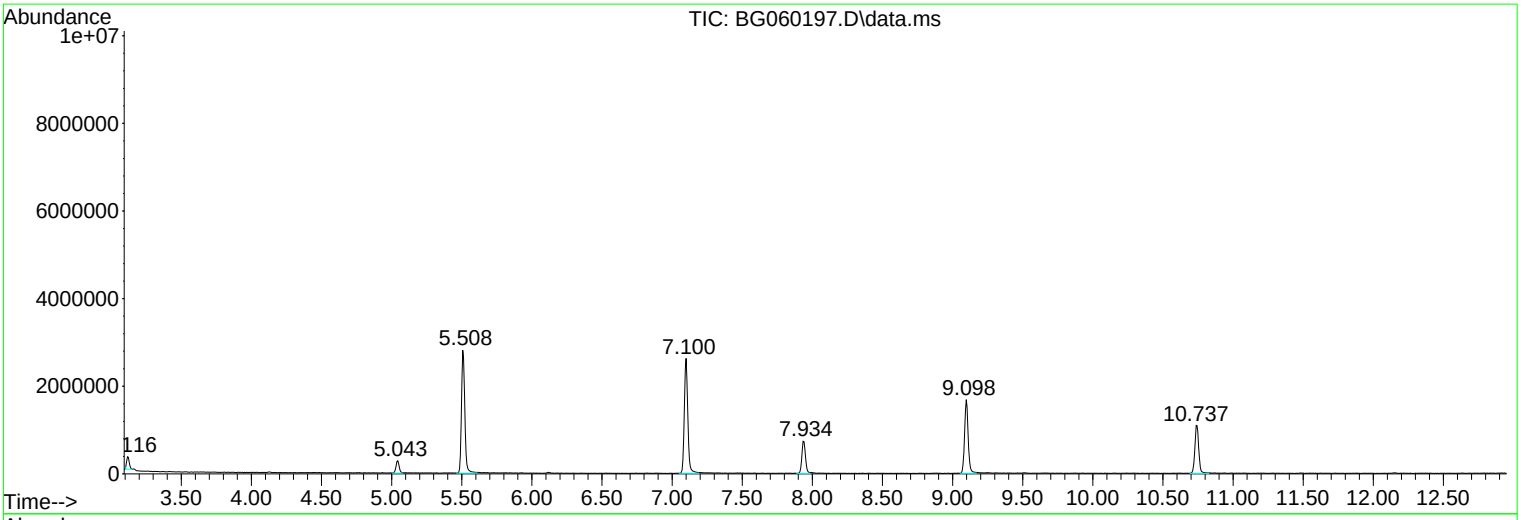
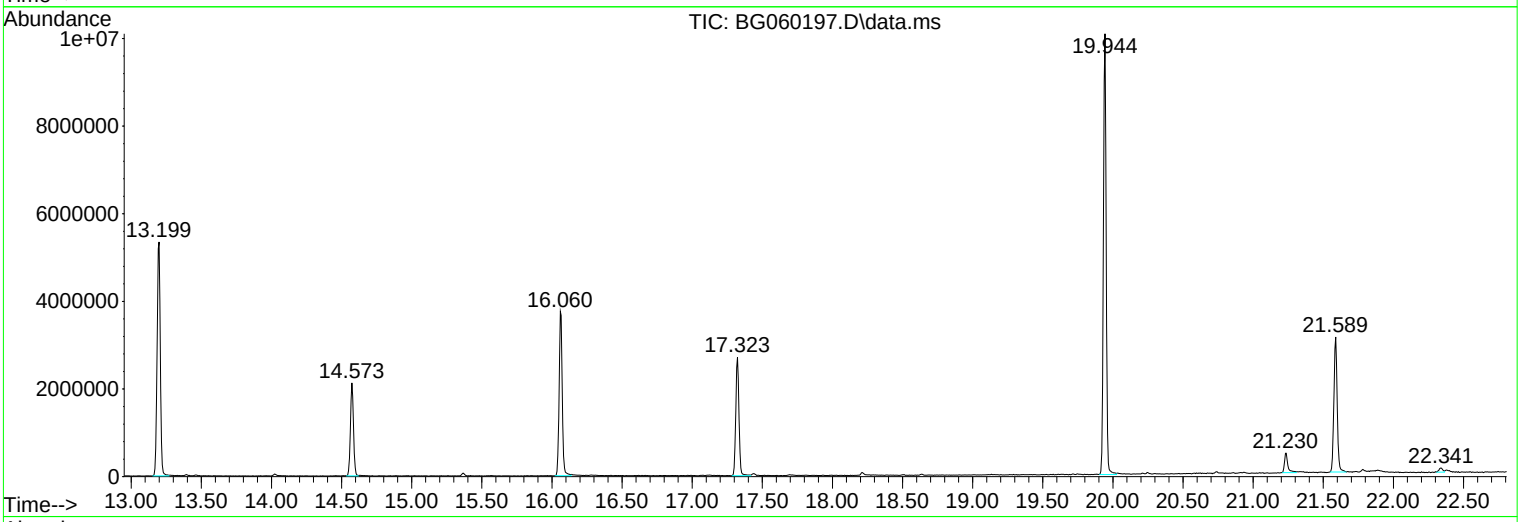
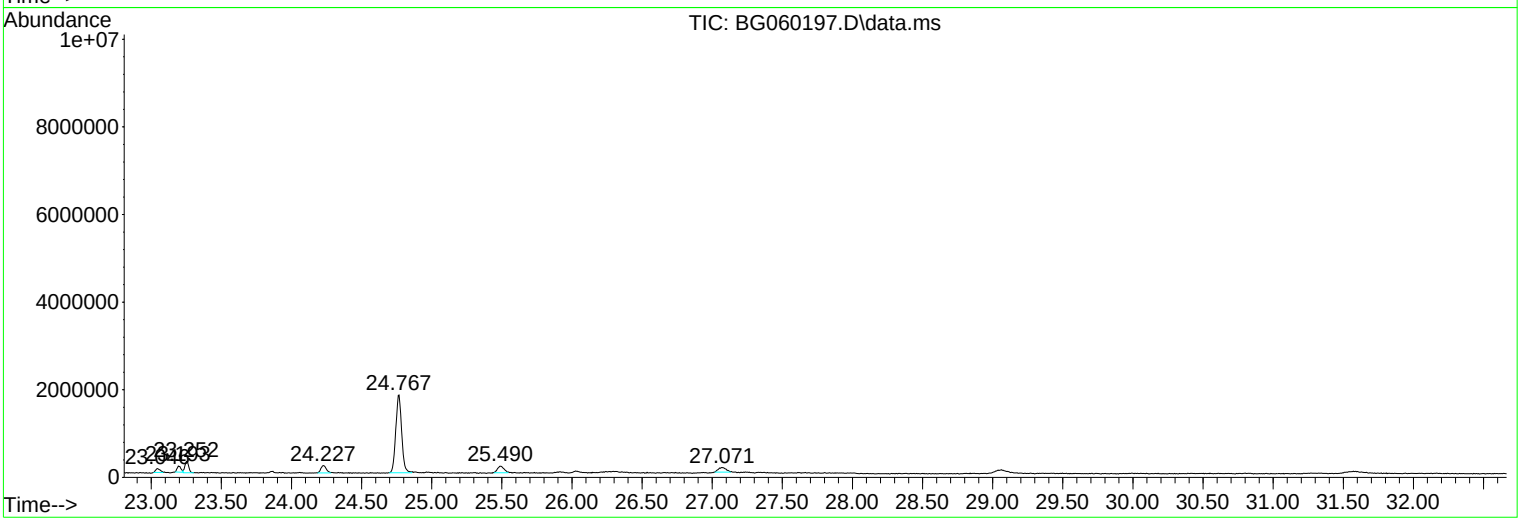
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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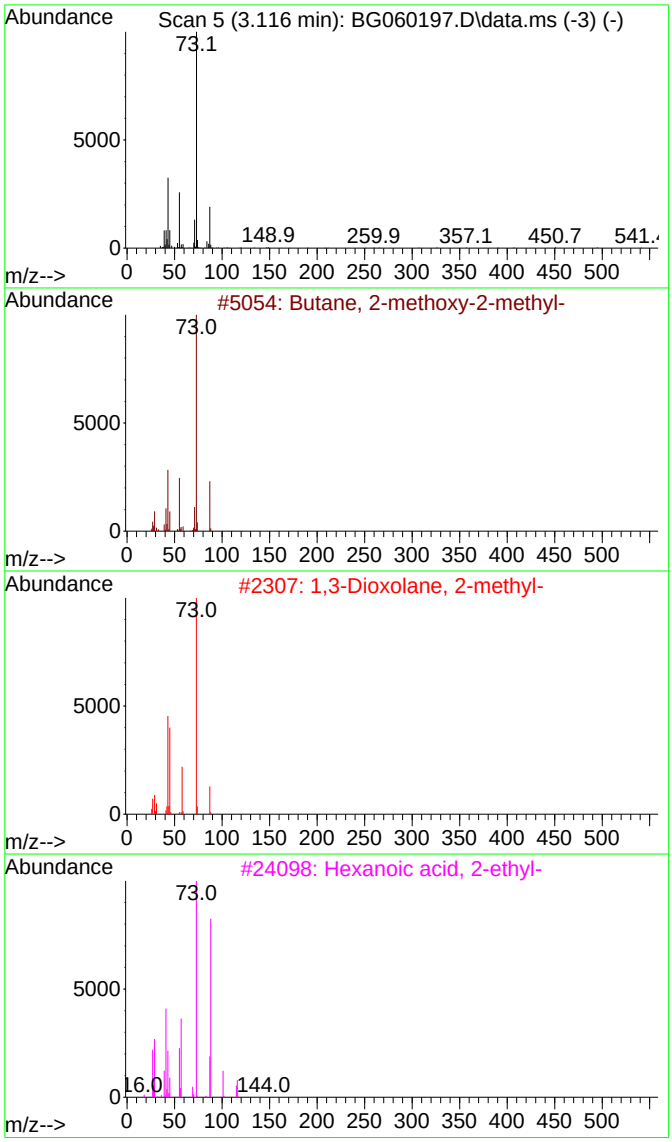
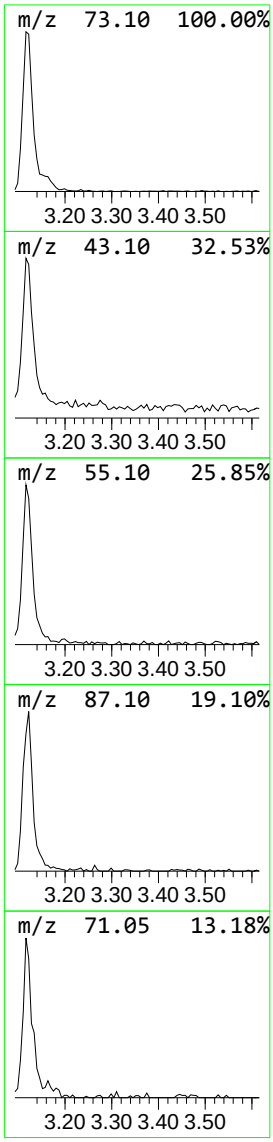
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	5.49 ng	355868	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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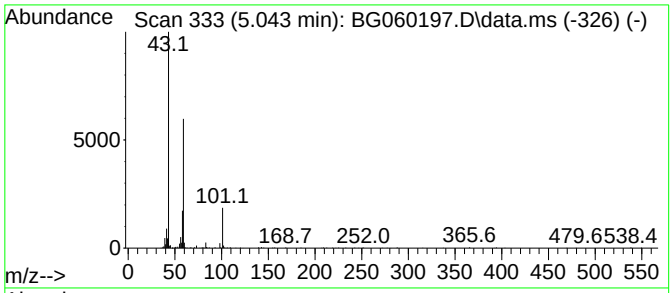
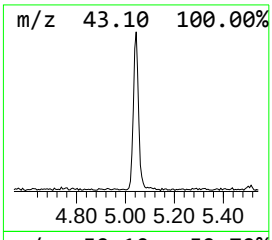
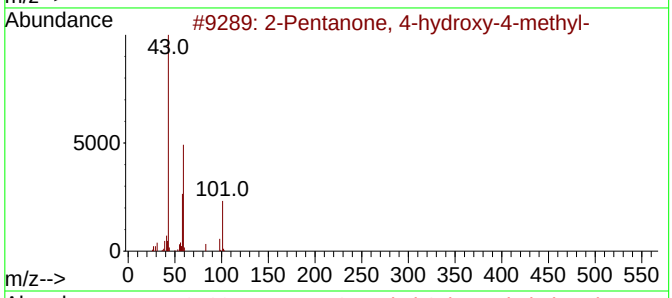
Peak Number 2 unknown5.043 Concentration Rank 1

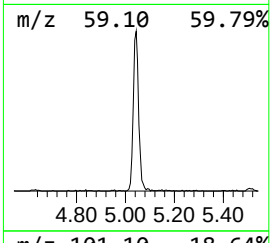
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.043	6.77 ng	439031	1,4-Dichlorobenzene-d4	7.934

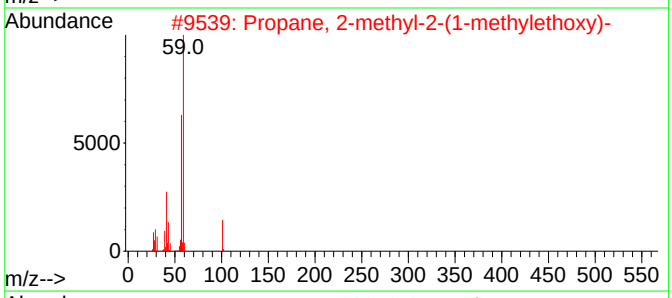
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
3	3-Octanol	130	C8H18O	000589-98-0	28
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25

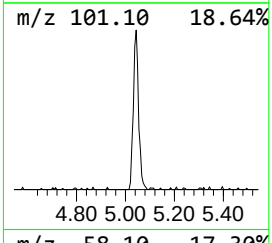


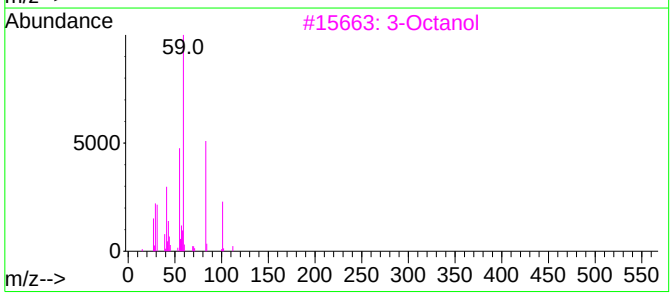


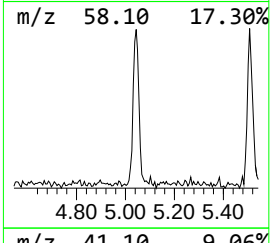


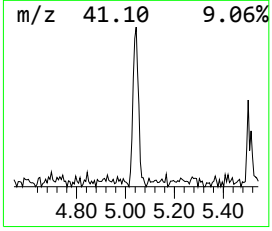












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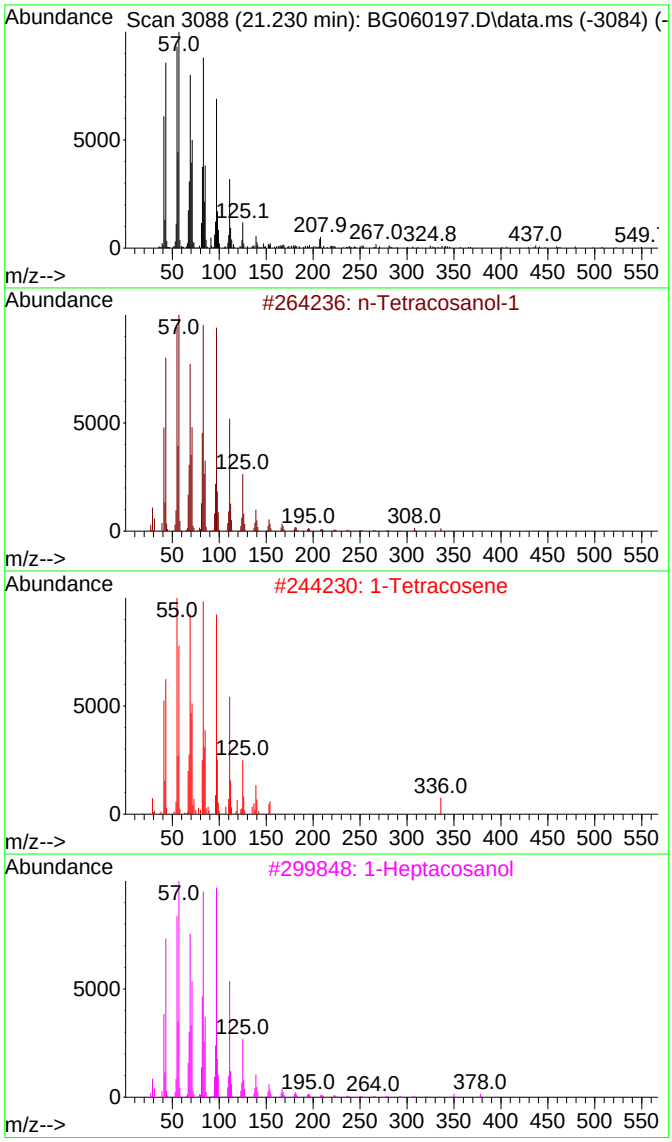
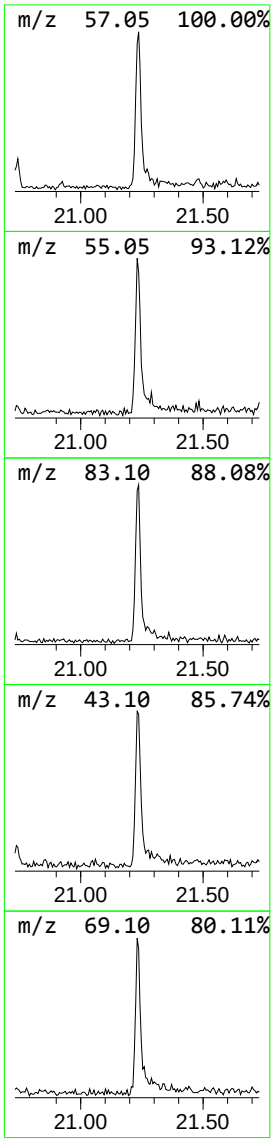
Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.230	2.96 ng	749669	Chrysene-d12	21.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.116	5.5	ng	355868	1	7.934	1296140	20.0
unknown5.043	5.043	6.8	ng	439031	1	7.934	1296140	20.0
n-Tetracosanol-1	21.230	3.0	ng	749669	5	21.589	5056990	20.0