LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058662.D
Acq On : 9 Aug 2023 17:17
Operator : MA/JU
Sample : 03931-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAYTON-SOIL2

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.911	303	310	316	rBV	19922	30453	1.55%	0.282%
2	5.387	384	391	408	rBV	537528	877238	44.56%	8.117%
3	6.985	655	663	685	rBV	532132	934613	47.47%	8.647%
4	7.813	797	804	813	rBV	139237	239564	12.17%	2.217%
5	8.976	994	1002	1020	rBV	287433	537113	27.28%	4.970%
6	10.616	1273	1281	1294	rBV	182550	352881	17.92%	3.265%
7	13.078	1693	1700	1714	rBV	757140	1229243	62.44%	11.373%
8	14.458	1928	1935	1949	rBV	342488	544507	27.66%	5.038%
9	15.951	2182	2189	2212	rBV	628807	1107794	56.27%	10.250%
10	17.202	2396	2402	2415	rBV	435954	722828	36.71%	6.688%
11	18.095	2547	2554	2563	rBV2	27344	53606	2.72%	0.496%
12	19.823	2842	2848	2859	rBV	1562828	1968768	100.00%	18.216%
13	20.122	2894	2899	2903	rBV	20067	27606	1.40%	0.255%
14	20.616	2979	2983	2987	rBV	20644	22487	1.14%	0.208%
15	21.103	3061	3066	3082	rBV2	64949	174832	8.88%	1.618%
16	21.444	3118	3124	3139	rBV	465510	815516	41.42%	7.546%
17	21.621	3150	3154	3159	rVB	17805	28319	1.44%	0.262%
18	22.196	3248	3252	3256	rBV	23885	30886	1.57%	0.286%
19	22.848	3359	3363	3371	rVB5	16521	31145	1.58%	0.288%
20	23.606	3486	3492	3500	rVB2	40661	82372	4.18%	0.762%
21	23.806	3522	3526	3531	rVB7	10247	21251	1.08%	0.197%
22	24.523	3637	3648	3667	rBV2	290865	882794	44.84%	8.168%
23	25.557	3816	3824	3834	rVB4	31164	92144	4.68%	0.853%

Sum of corrected areas: 10807960

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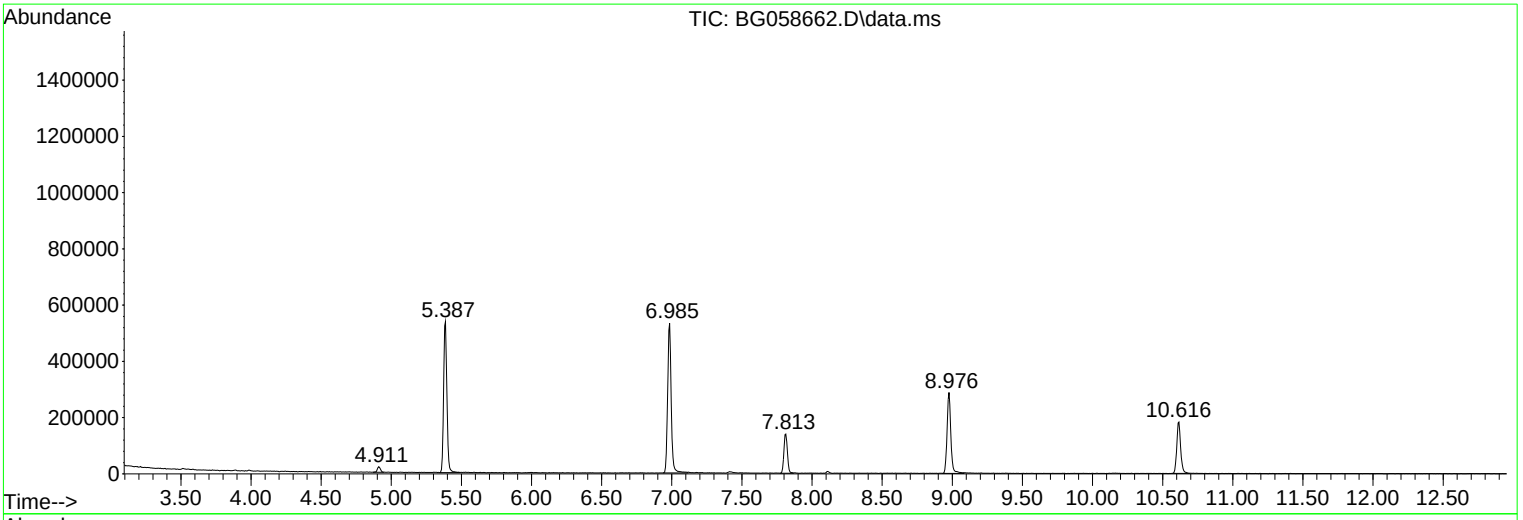
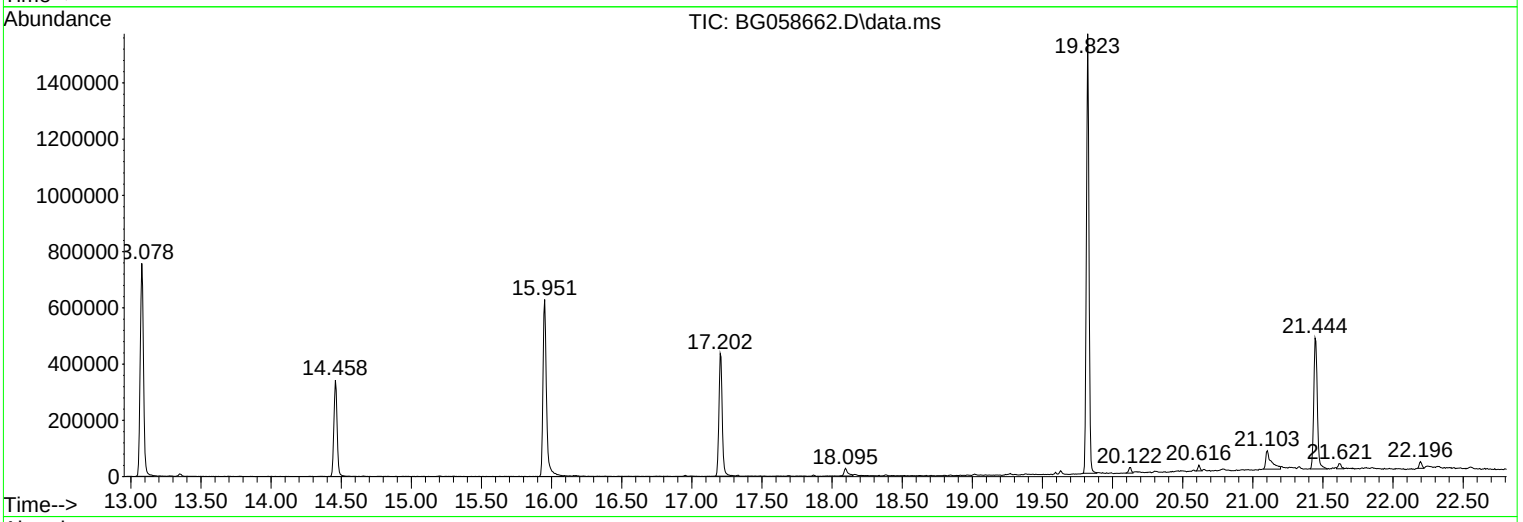
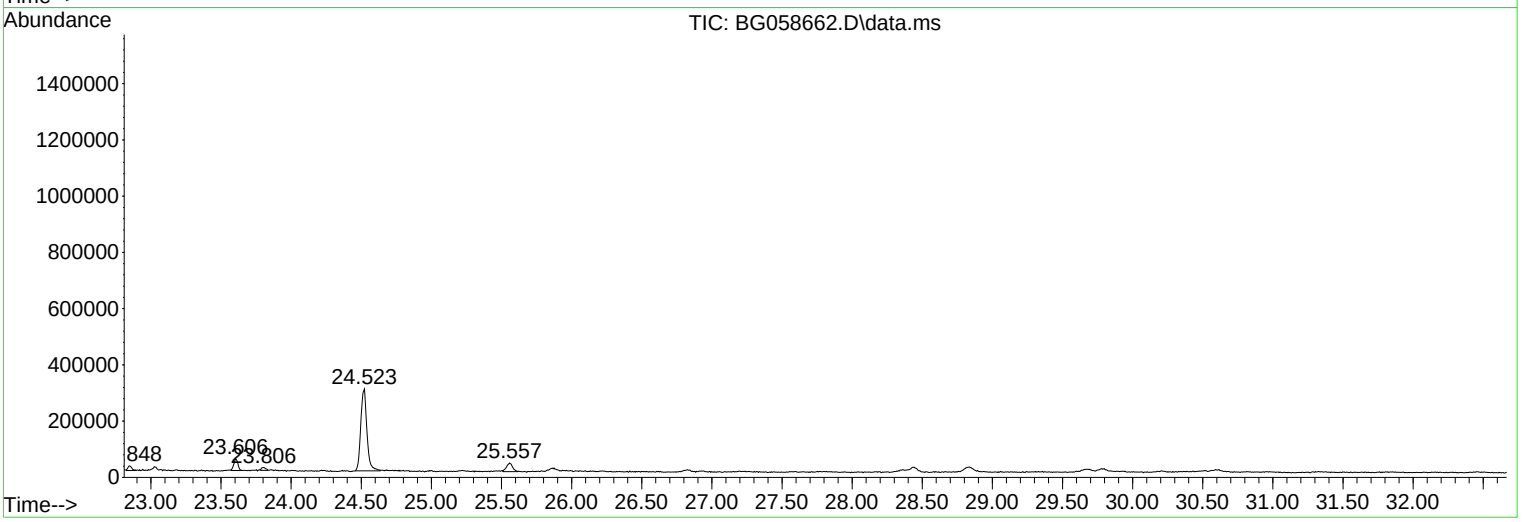
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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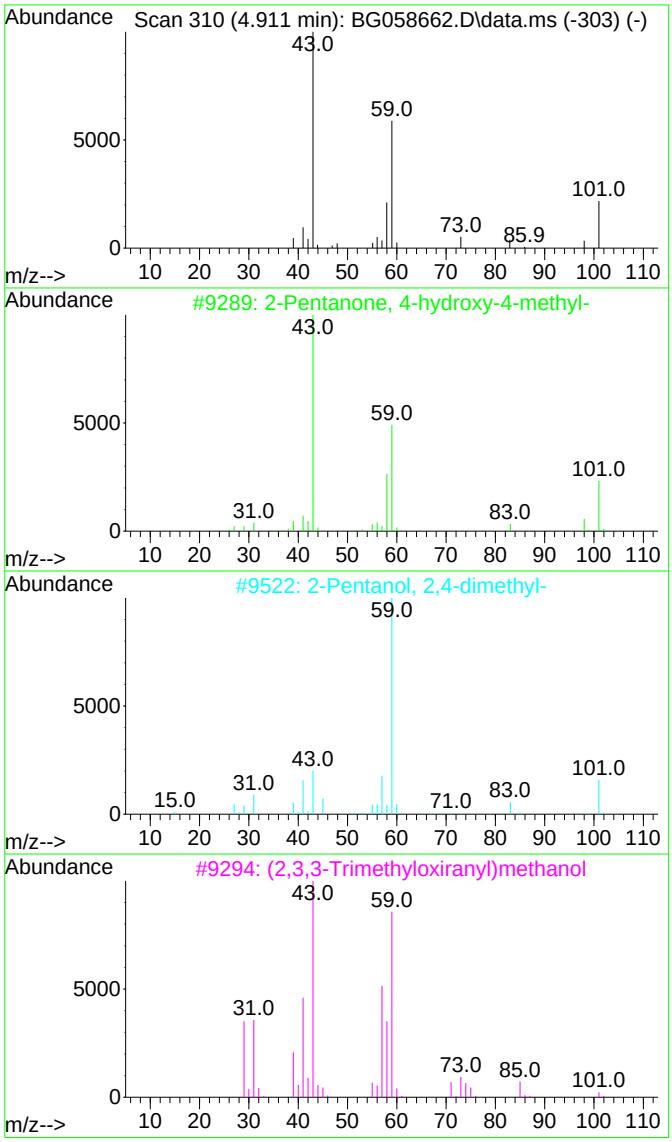
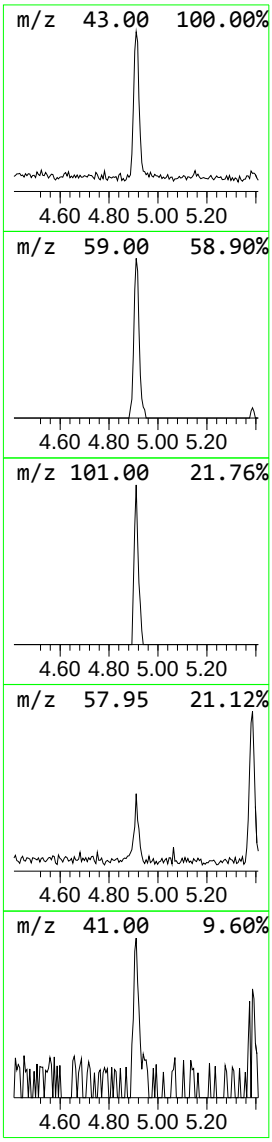
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.911	2.54 ng	30453	1,4-Dichlorobenzene-d4	7.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	37
3	(2,3,3-Trimethyloxiranyl)methanol	116	C6H12O2	1000306-64-7	33
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	25
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23





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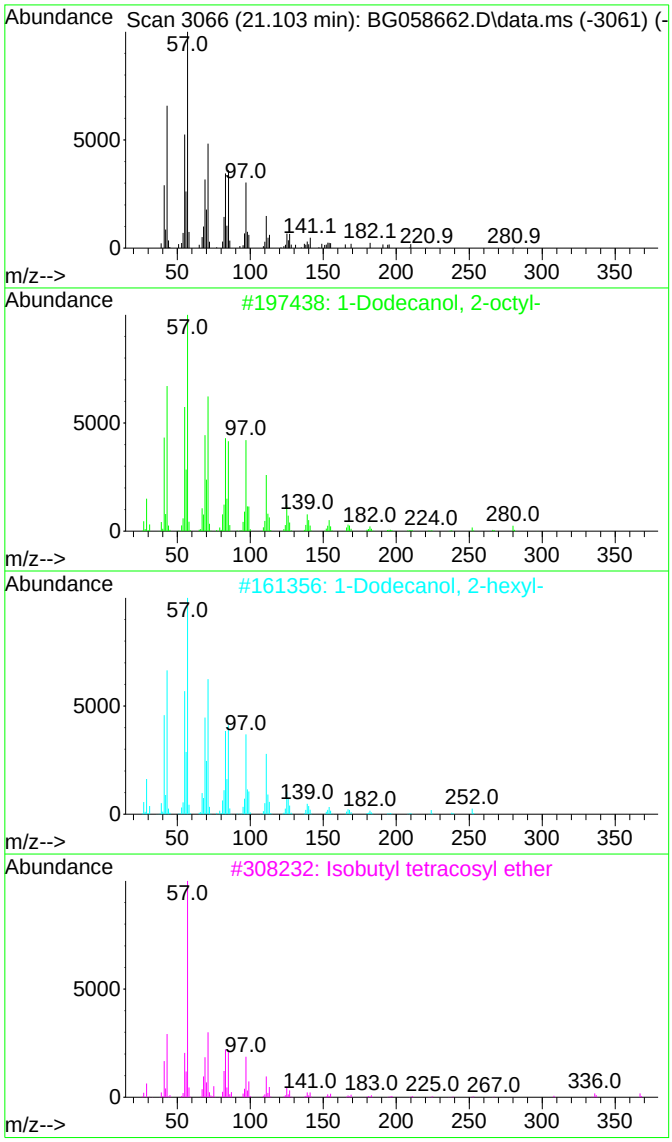
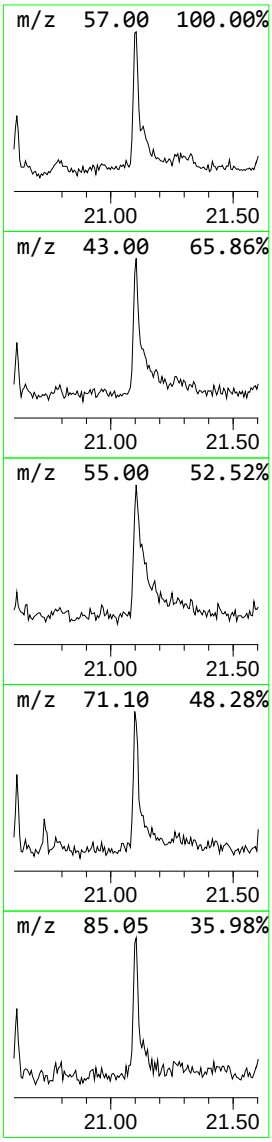
****
Peak Number 2 1-Dodecanol, 2-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	4.29 ng	174832	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
3	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	68
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	68
5	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	64





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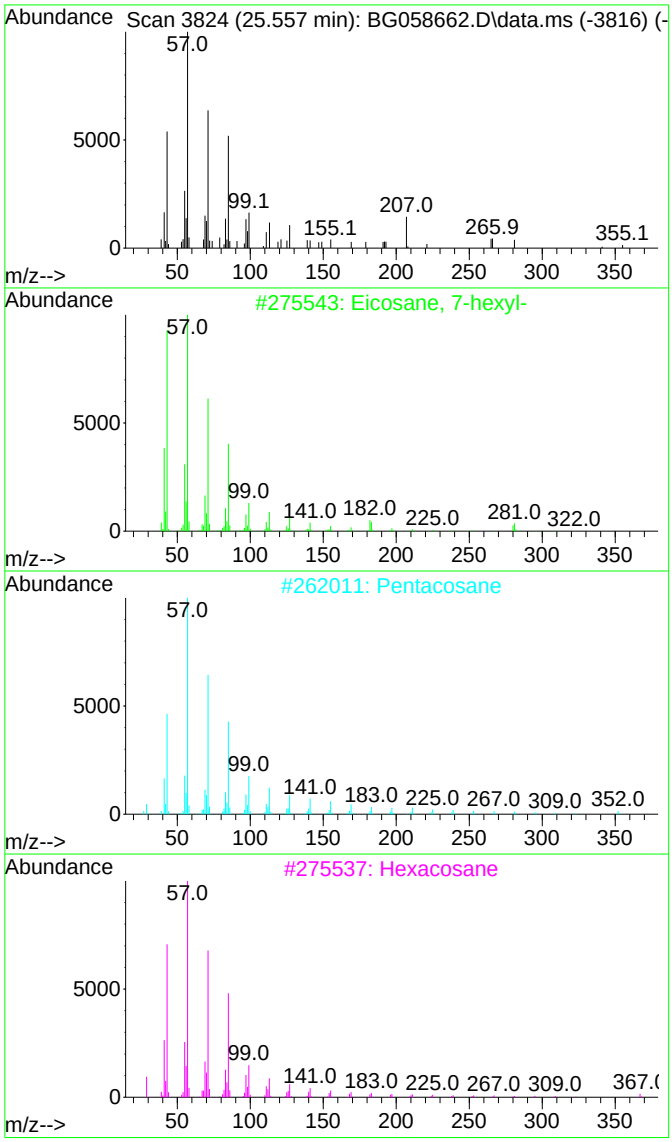
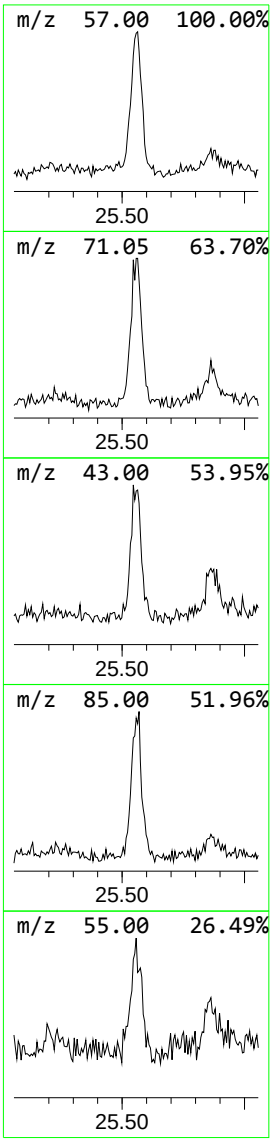
****

Peak Number 3 Eicosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.557	2.09 ng	92144	Perylene-d12	24.523

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
2	Pentacosane	352	C25H52	000629-99-2	80
3	Hexacosane	366	C26H54	000630-01-3	74
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	74
5	Tetracosane	338	C24H50	000646-31-1	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.911	2.5	ng	30453	1	7.813	239564	20.0
1-Dodecanol, 2-...	21.104	4.3	ng	174832	5	21.444	815516	20.0
Eicosane, 7-hexyl-	25.557	2.1	ng	92144	6	24.523	882794	20.0