LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031822\
Data File : BM034278.D
Acq On : 18 Mar 2022 14:49
Operator : CG/JU
Sample : N1870-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.666	68	73	86	rBV	1134730	1523514	5.60%	0.463%
2	5.496	377	384	395	rBV	3522481	5057308	18.59%	1.537%
3	7.101	649	657	666	rBV	3560690	5578433	20.50%	1.696%
4	7.837	773	782	793	rBV	3303595	5286237	19.43%	1.607%
5	7.942	793	800	802	rVV	629649	954802	3.51%	0.290%
6	7.984	802	807	819	rVB	4109817	6501363	23.90%	1.976%
7	8.301	853	861	870	rBV	3273646	5149754	18.93%	1.565%
8	8.490	882	893	900	rBV	1540165	3091631	11.36%	0.940%
9	9.037	978	986	992	rBV	1760344	2805543	10.31%	0.853%
10	9.107	992	998	1002	rVV	2231420	3745476	13.77%	1.139%
11	9.148	1002	1005	1017	rVB	807556	1251042	4.60%	0.380%
12	10.160	1170	1177	1190	rBV	484398	771231	2.83%	0.234%
13	10.760	1271	1279	1294	rBV	853156	1470719	5.41%	0.447%
14	12.419	1551	1561	1575	rBV	7032384	11154317	41.00%	3.391%
15	12.636	1587	1598	1608	rVB	1978316	3144150	11.56%	0.956%
16	12.772	1614	1621	1628	rBV	2941843	4292260	15.78%	1.305%
17	13.213	1689	1696	1711	rBV	6026318	8910366	32.75%	2.709%
18	13.660	1763	1772	1778	rBV	1094284	1710472	6.29%	0.520%
19	14.154	1849	1856	1869	rBV	2009682	2809657	10.33%	0.854%
20	14.307	1875	1882	1897	rVB	2103329	3026370	11.12%	0.920%
21	14.583	1923	1929	1935	rBV	1336683	1971845	7.25%	0.599%
22	14.648	1935	1940	1949	rVB	2499998	3559943	13.09%	1.082%
23	14.983	1985	1997	2007	rBV	3651631	5173272	19.02%	1.573%
24	15.407	2061	2069	2074	rBV	9418863	12385914	45.53%	3.765%
25	15.630	2099	2107	2126	rBV2	8771372	13454475	49.45%	4.090%
26	15.836	2136	2142	2147	rBV	2239881	2961258	10.88%	0.900%
27	16.071	2175	2182	2200	rBV	4050787	5809112	21.35%	1.766%
28	16.518	2251	2258	2274	rBV	8659039	11426513	42.00%	3.474%
29	17.324	2389	2395	2398	rBV	1530621	2260900	8.31%	0.687%
30	17.371	2398	2403	2415	rVB	11488663	16267248	59.79%	4.945%
31	19.383	2738	2745	2754	rBV	7543193	10057288	36.97%	3.057%
32	19.748	2798	2807	2825	rBV	12565380	17021703	62.57%	5.174%
33	19.942	2834	2840	2859	rBV	10419332	13608521	50.02%	4.137%
34	20.642	2953	2959	2963	rBV	14563199	16786098	61.70%	5.103%
35	21.495	3097	3104	3109	rBV2	17180681	27205780	100.00%	8.270%
36	21.542	3109	3112	3124	rVB	3550676	4443725	16.33%	1.351%

LSC Area Percent Report

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.347	3243	3249	3268	rVB	10984866	14881399	54.70%	4.524%
38	23.194	3383	3393	3397	rBV	13131816	26773770	98.41%	8.139%
39	23.236	3397	3400	3418	rVB	2829036	4407278	16.20%	1.340%
40	23.812	3491	3498	3508	rBV2	1274224	2651111	9.74%	0.806%
41	23.918	3509	3516	3533	rVB2	1199808	2800895	10.30%	0.851%
42	24.547	3618	3623	3634	rVB	426780	871252	3.20%	0.265%
43	25.406	3762	3769	3778	rVB	370018	933305	3.43%	0.284%
44	26.465	3932	3949	3976	rBV2	6214797	21529607	79.14%	6.545%
45	27.235	4065	4080	4099	rVB	3238330	11480964	42.20%	3.490%

Sum of corrected areas: 328957821

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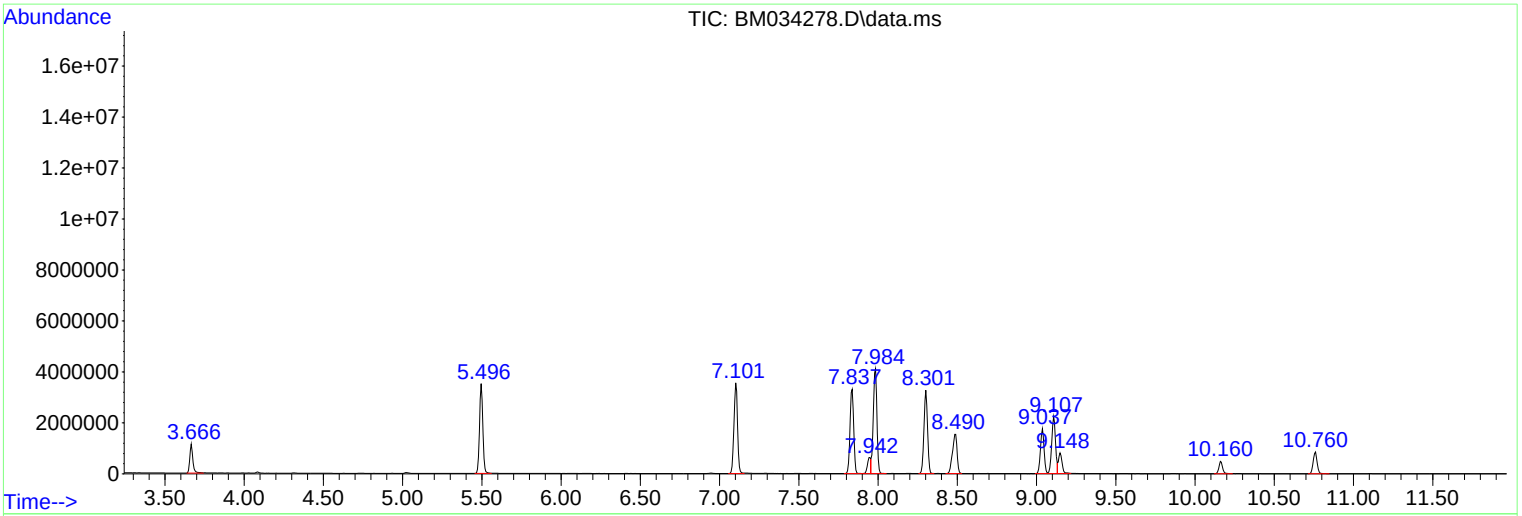
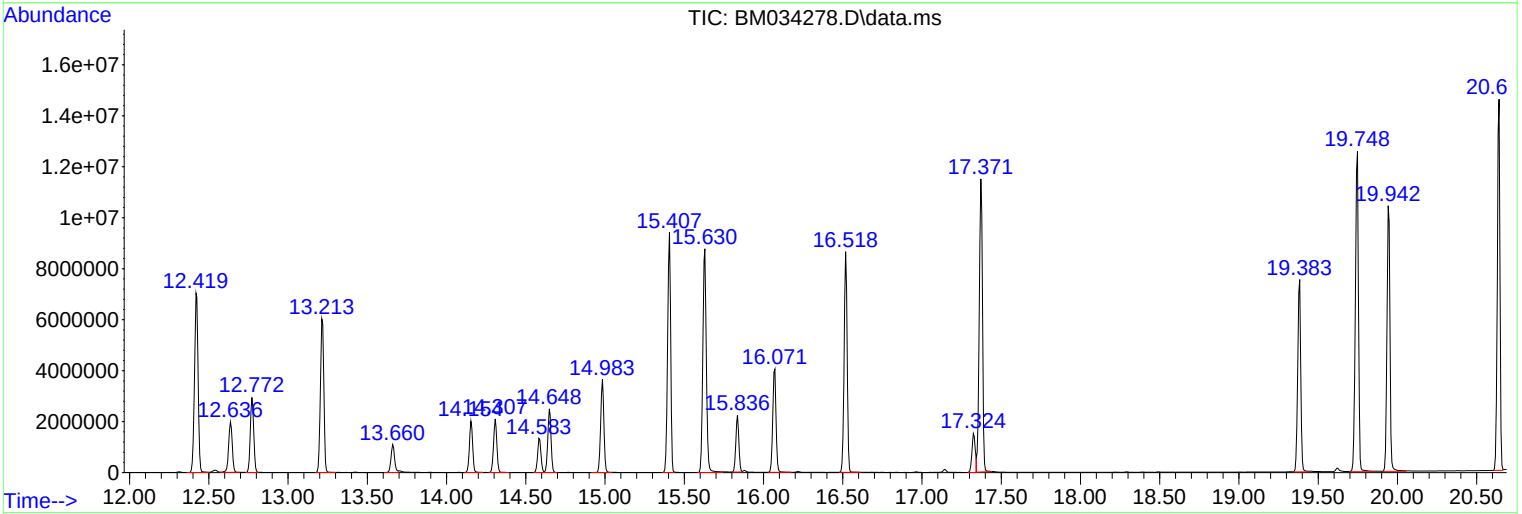
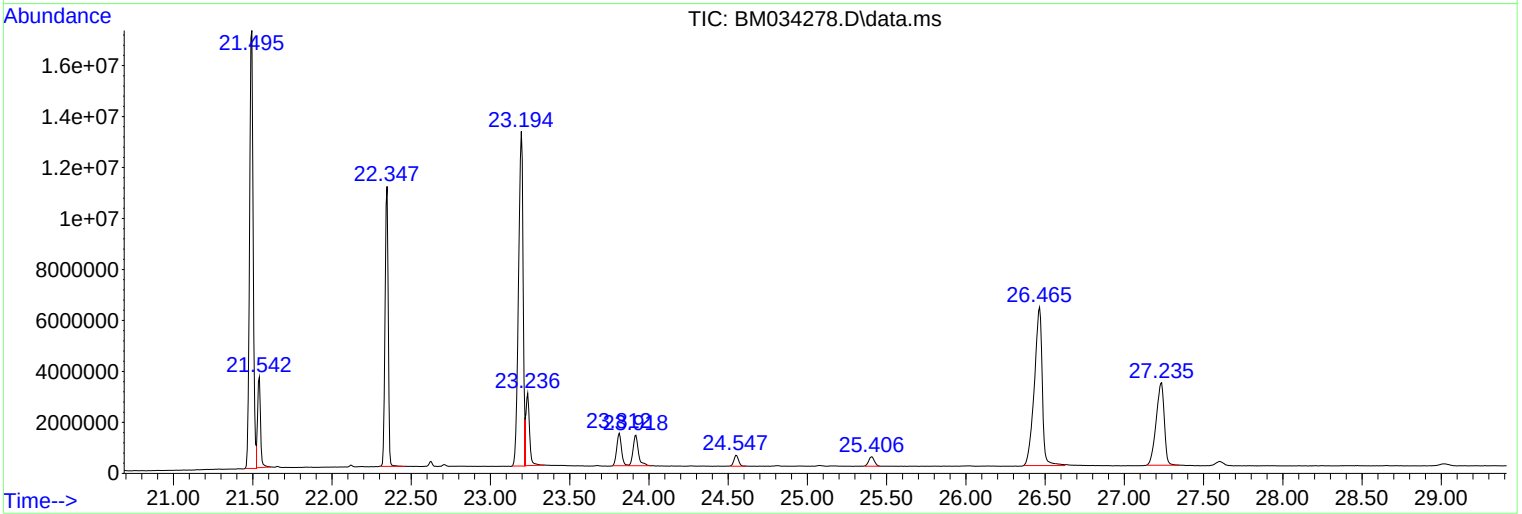
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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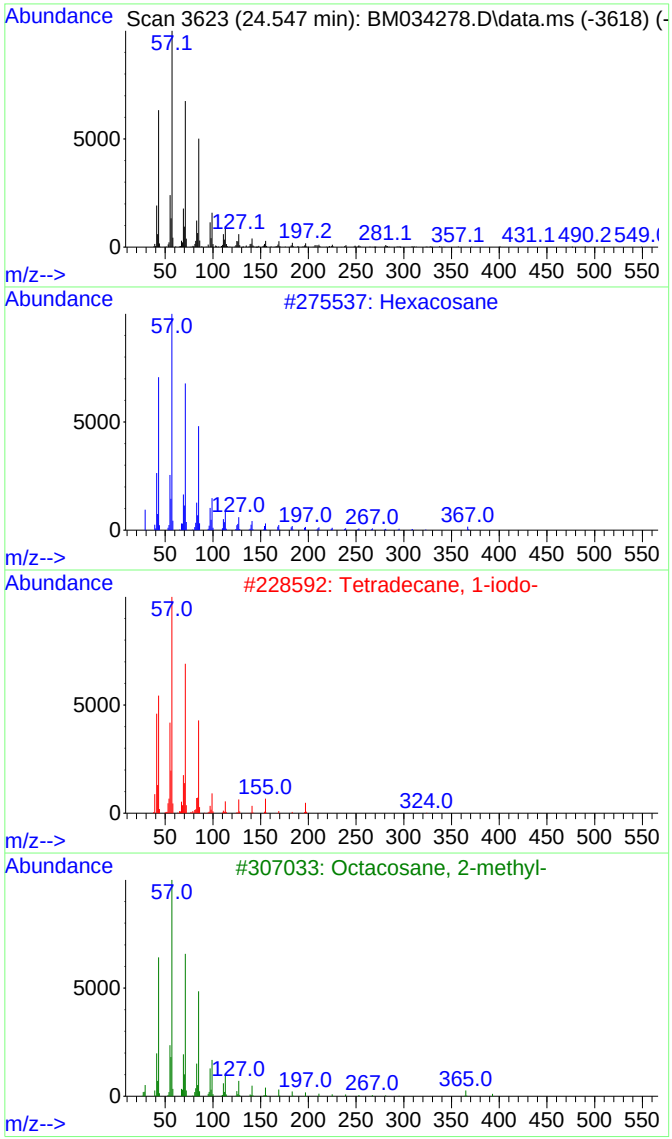
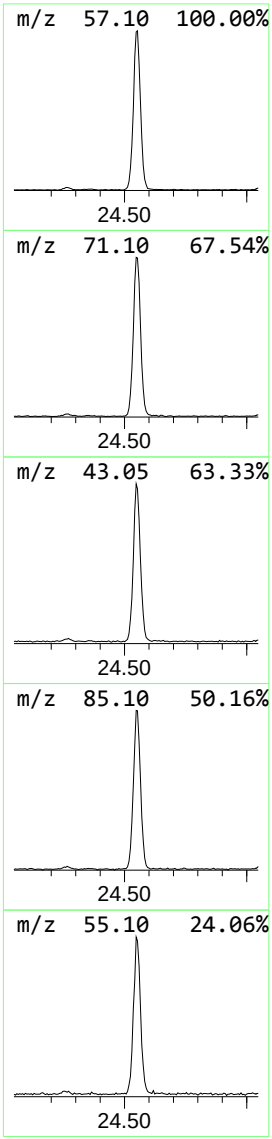
Peak Number 1 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.547	6.22 ng	871252	Perylene-d12	23.912

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	93
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : N1870-03
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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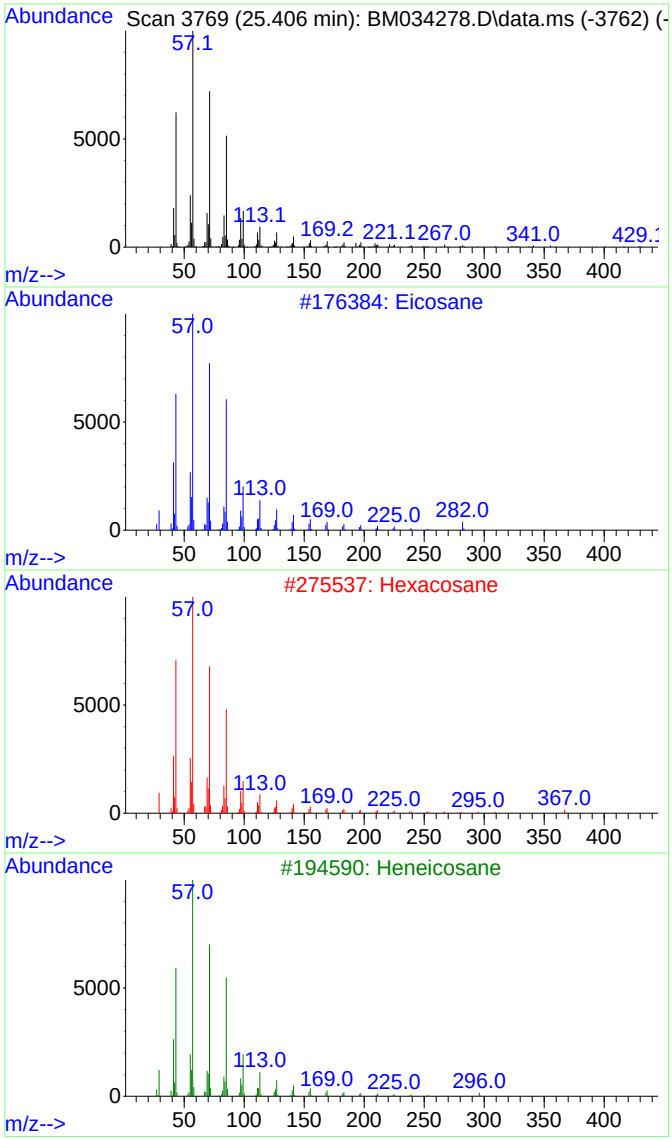
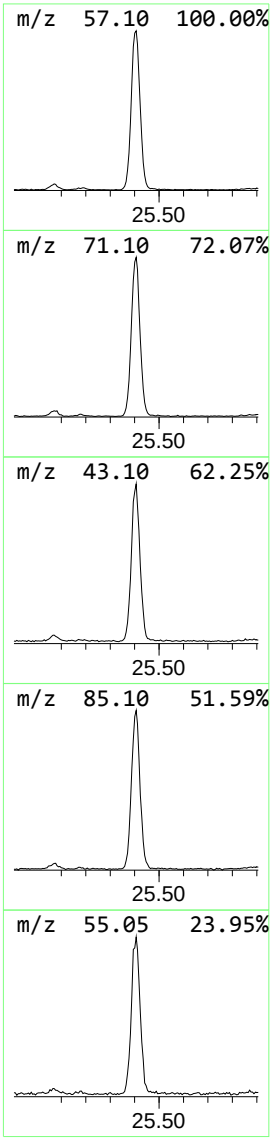
Peak Number 2 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.406	6.66 ng	933305	Perylene-d12	23.912

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexacosane	24.547	6.2	ng	871252	6	23.912	2800900	20.0
Eicosane	25.406	6.7	ng	933305	6	23.912	2800900	20.0