LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-64

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	392	399	413	rBV	6416214	9054906	42.64%	7.546%
2	7.046	663	673	685	rBV	5979718	9566800	45.05%	7.972%
3	7.869	806	813	821	rBV	1262269	1963288	9.24%	1.636%
4	9.040	1003	1012	1023	rBV	3719791	6059257	28.53%	5.049%
5	10.675	1282	1290	1297	rBV	1795289	2917565	13.74%	2.431%
6	13.133	1701	1708	1721	rBV	9319965	13958105	65.72%	11.632%
7	14.504	1934	1941	1948	rBV	2586461	3781549	17.81%	3.151%
8	15.992	2187	2194	2203	rBV	7956697	11148811	52.50%	9.291%
9	17.245	2401	2407	2411	rBV	3207120	4513627	21.25%	3.761%
10	17.286	2411	2414	2420	rVB	702231	951705	4.48%	0.793%
11	17.380	2425	2430	2435	rVB	171267	264927	1.25%	0.221%
12	17.921	2518	2522	2527	rVB	251292	290002	1.37%	0.242%
13	18.145	2552	2560	2563	rBV2	392041	679787	3.20%	0.566%
14	19.098	2719	2722	2726	rVB3	201620	228139	1.07%	0.190%
15	19.304	2752	2757	2763	rVB	1831521	2453290	11.55%	2.044%
16	19.633	2809	2813	2814	rBV	282211	341104	1.61%	0.284%
17	19.662	2814	2818	2826	rVB	1484103	2098655	9.88%	1.749%
18	19.874	2848	2854	2859	rVB	17391580	21237487	100.00%	17.698%
19	20.156	2899	2902	2905	rBV2	230325	255887	1.20%	0.213%
20	20.903	3025	3029	3034	rBV	333749	459588	2.16%	0.383%
21	21.139	3065	3069	3076	rVB2	3198101	4004457	18.86%	3.337%
22	21.421	3111	3117	3121	rBV2	4188327	6576452	30.97%	5.480%
23	21.462	3121	3124	3134	rVB	1007988	1357431	6.39%	1.131%
24	21.586	3141	3145	3151	rBV2	311847	558344	2.63%	0.465%
25	22.056	3219	3225	3234	rBV2	2586739	4060542	19.12%	3.384%
26	23.068	3392	3397	3402	rBV2	1355794	2625128	12.36%	2.188%
27	23.127	3403	3407	3418	rVB3	923517	1810466	8.52%	1.509%
28	23.680	3497	3501	3510	rVB	593397	1125109	5.30%	0.938%
29	23.792	3513	3520	3526	rVV2	2044639	4010790	18.89%	3.342%
30	24.509	3636	3642	3651	rVB	716066	1648979	7.76%	1.374%

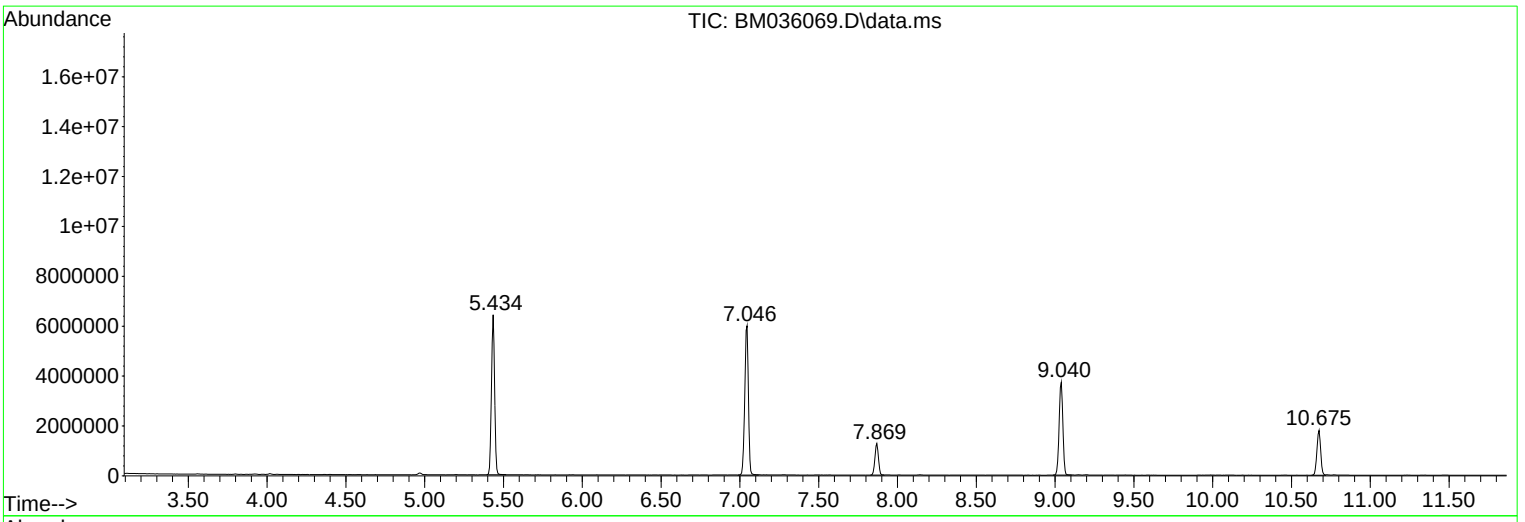
Sum of corrected areas: 120002177

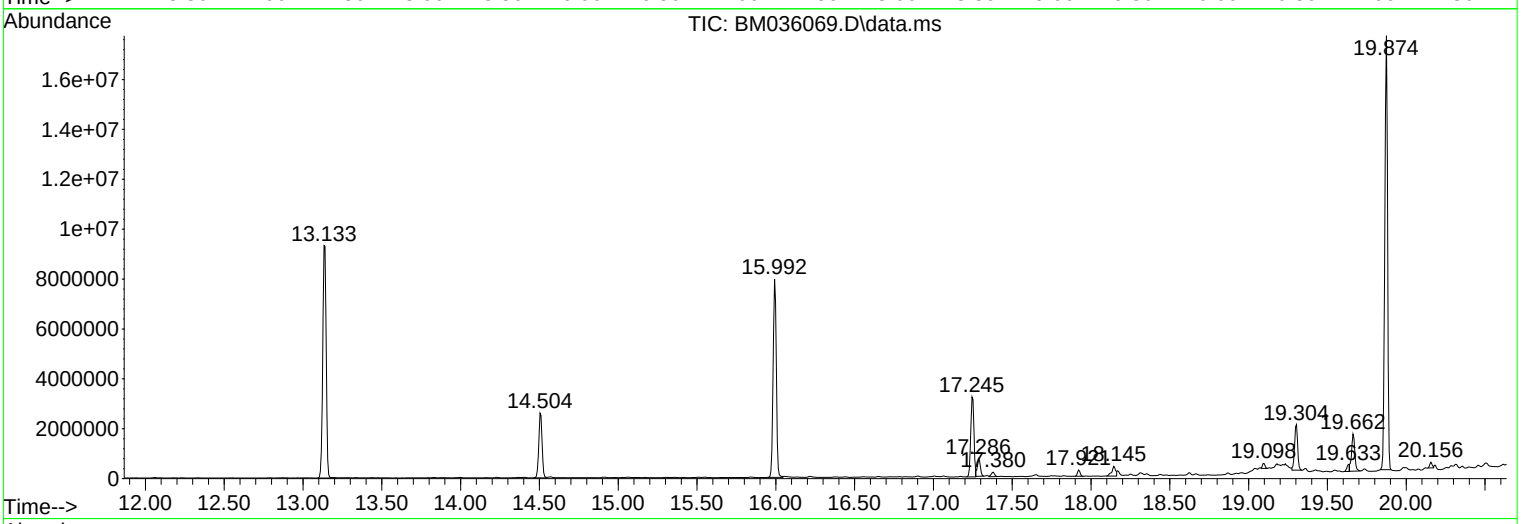
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

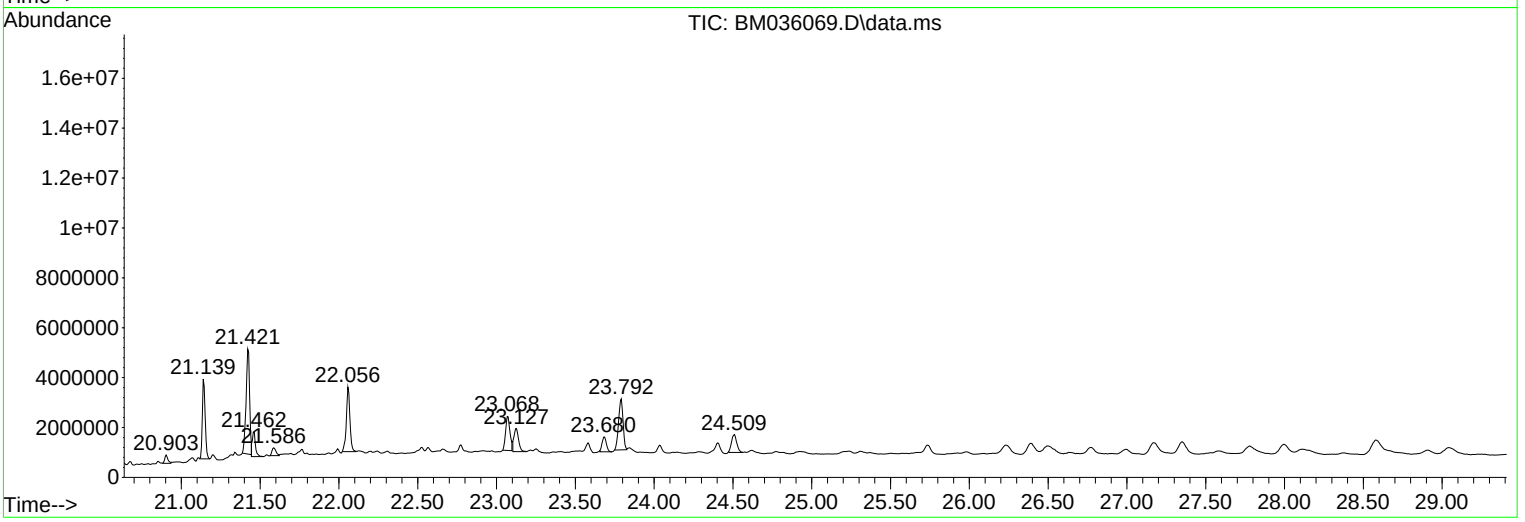
Instrument :
BNA_M
ClientSampleId :
RVE-64

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-64

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

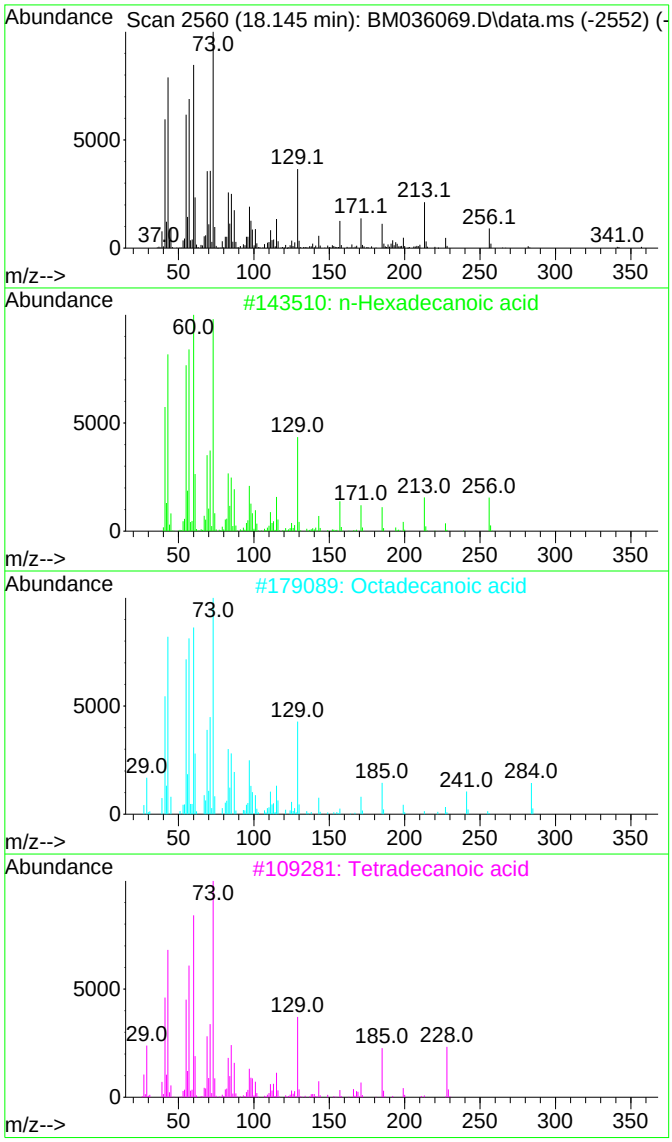
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

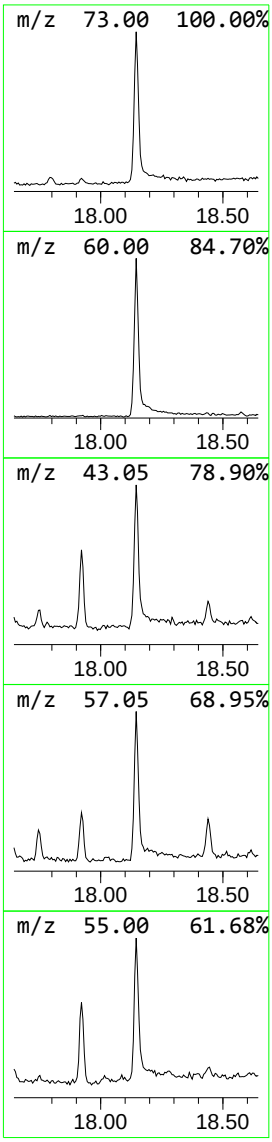
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	3.01 ng	679787	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-64

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

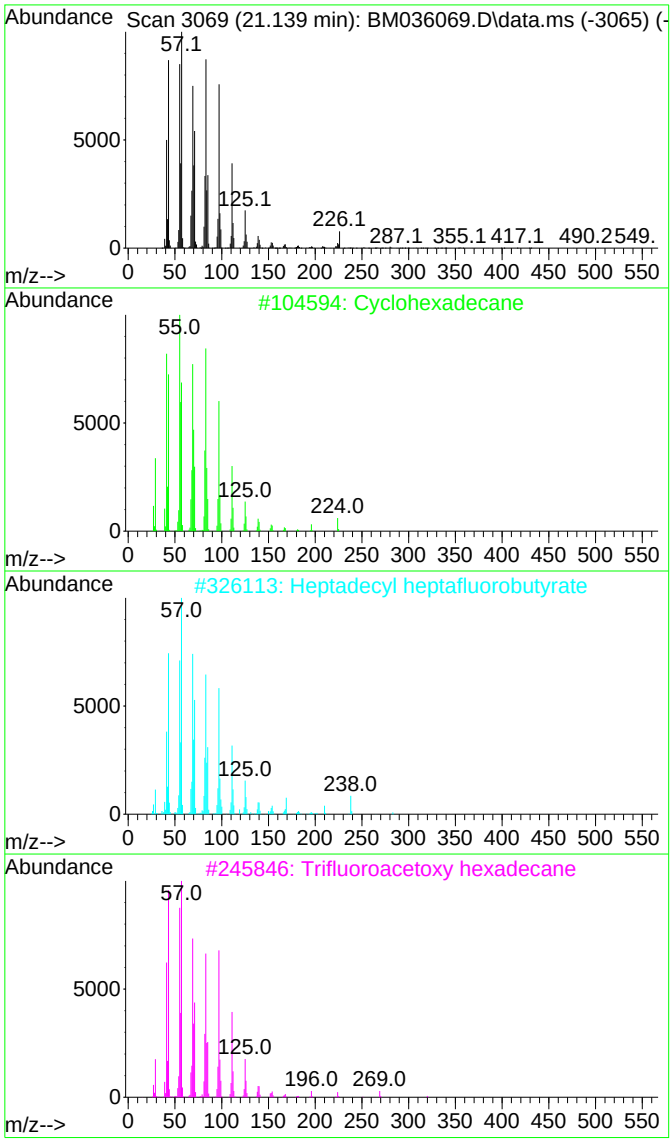
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

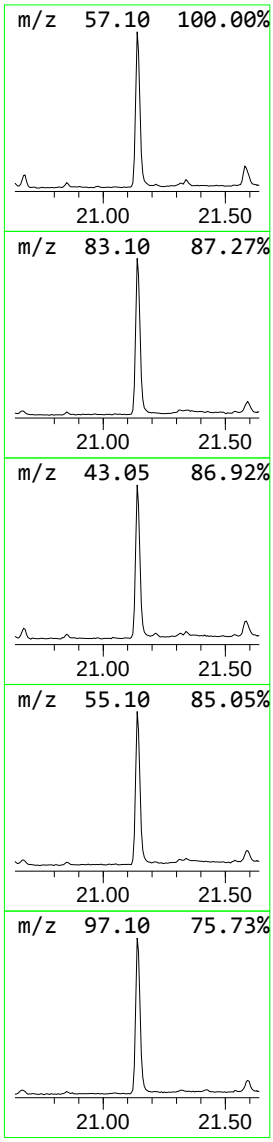
****

Peak Number 2 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	12.18 ng	4004460	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-64

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

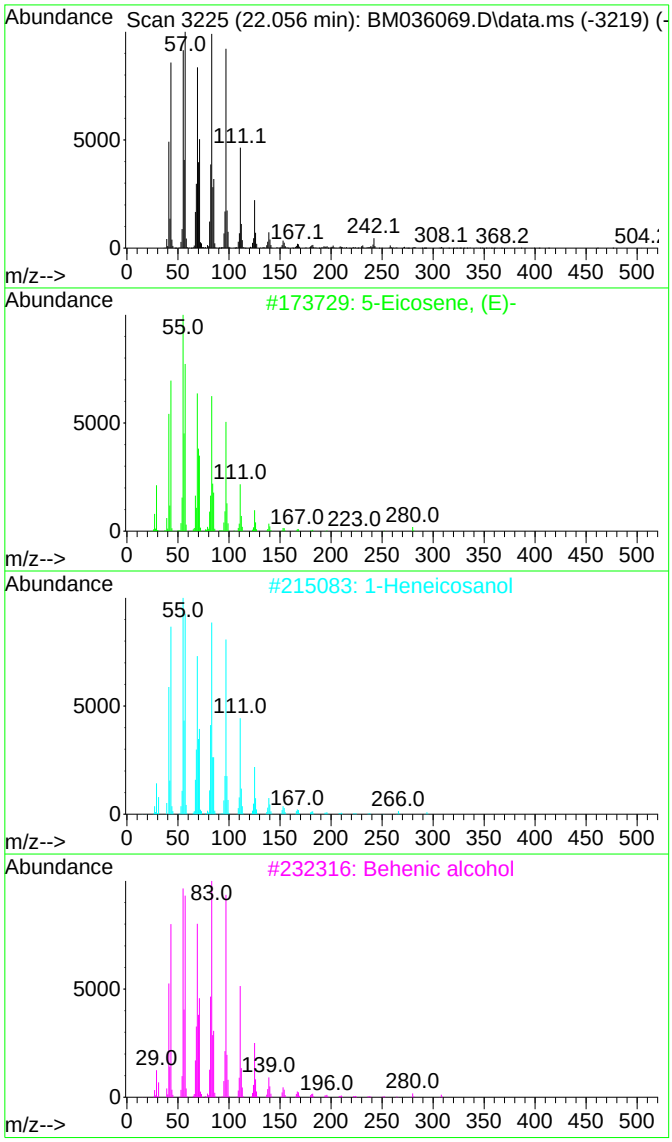
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

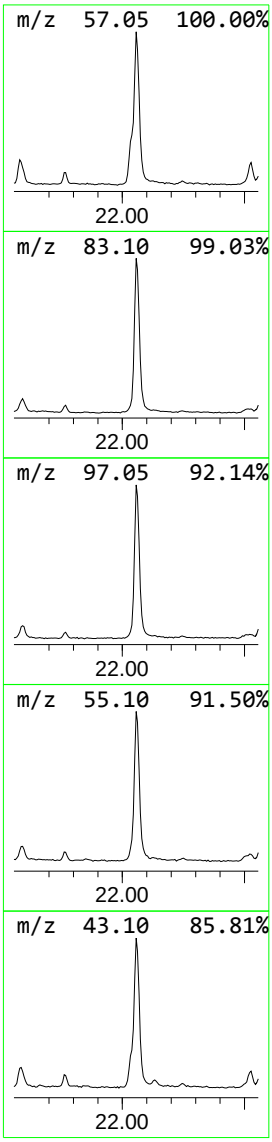
****

Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.056	12.35 ng	4060540	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-64

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

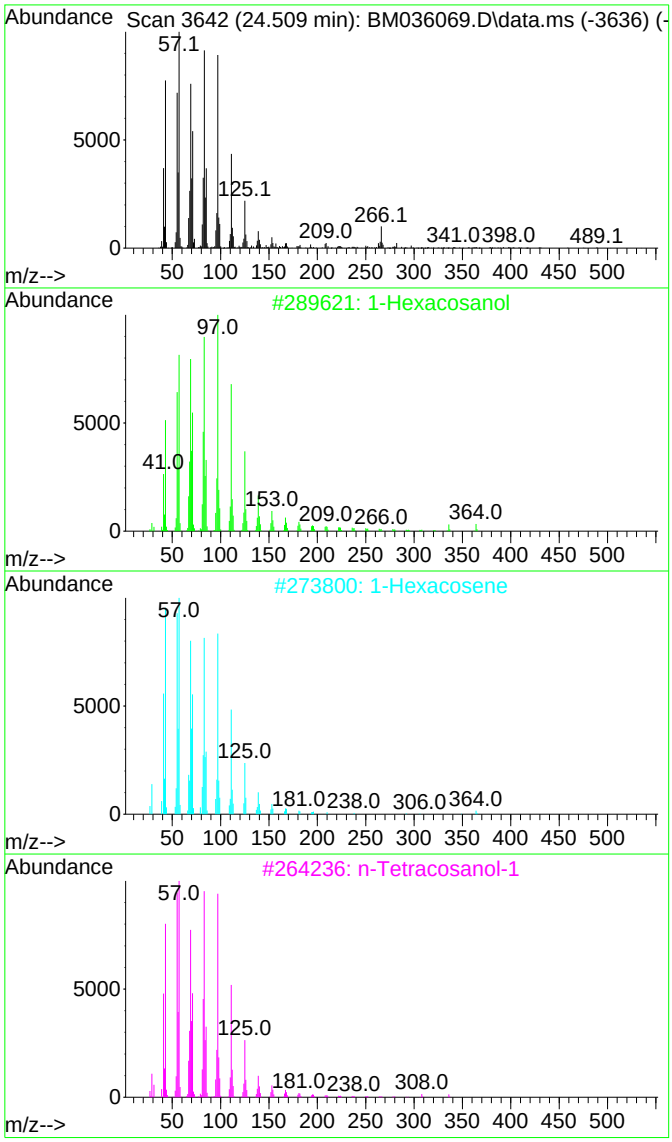
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

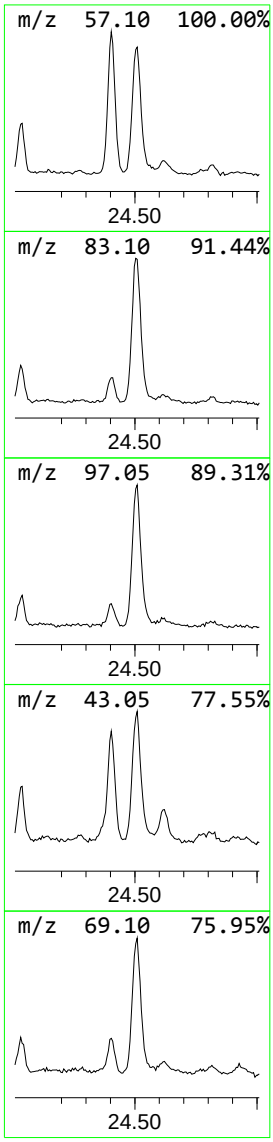
****

Peak Number 4 1-Hexacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.509	8.22 ng	1648980	Perylene-d12	23.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036069.D
Acq On : 03 Aug 2022 01:46
Operator : CG/JU
Sample : N3896-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-64

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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
n-Hexadecanoic ...	18.145	3.0	ng	679787	4	17.245	4513630	20.0
Cyclohexadecane	21.139	12.2	ng	4004460	5	21.427	6576450	20.0
5-Eicosene, (E)-	22.056	12.4	ng	4060540	5	21.427	6576450	20.0
1-Hexacosanol	24.509	8.2	ng	1648980	6	23.791	4010790	20.0