LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

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-BM071822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035887.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.452	396	402	416	rBV	2031648	2847344	24.50%	5.527%
2	7.057	668	675	684	rBV	1068537	1643279	14.14%	3.190%
3	7.893	810	817	824	rBV	907923	1426785	12.27%	2.769%
4	9.063	1008	1016	1028	rBV	2875095	4631876	39.85%	8.991%
5	10.698	1287	1294	1302	rBV	1161580	1920523	16.52%	3.728%
6	13.163	1706	1713	1722	rBV	6615956	9392498	80.80%	18.231%
7	14.528	1939	1945	1955	rBV	1548735	2227229	19.16%	4.323%
8	16.010	2191	2197	2218	rBV	4458586	6213580	53.45%	12.061%
9	17.269	2404	2411	2417	rBV	1705127	2351052	20.23%	4.563%
10	18.168	2553	2564	2569	rBV	272357	423274	3.64%	0.822%
11	18.492	2615	2619	2632	rVB5	56662	116366	1.00%	0.226%
12	19.445	2777	2781	2792	rBV	98180	170815	1.47%	0.332%
13	19.798	2832	2841	2849	rVB	180503	470059	4.04%	0.912%
14	19.892	2851	2857	2868	rBV	9699998	11623979	100.00%	22.563%
15	20.662	2985	2988	2994	rBV	108984	135266	1.16%	0.263%
16	20.798	3005	3011	3018	rBV2	230300	475806	4.09%	0.924%
17	21.445	3116	3121	3132	rBV	1922082	2368954	20.38%	4.598%
18	21.592	3142	3146	3152	rBV	186327	313111	2.69%	0.608%
19	22.409	3281	3285	3291	rVB	159138	278047	2.39%	0.540%
20	23.821	3518	3525	3537	rVB2	1258855	2488834	21.41%	4.831%

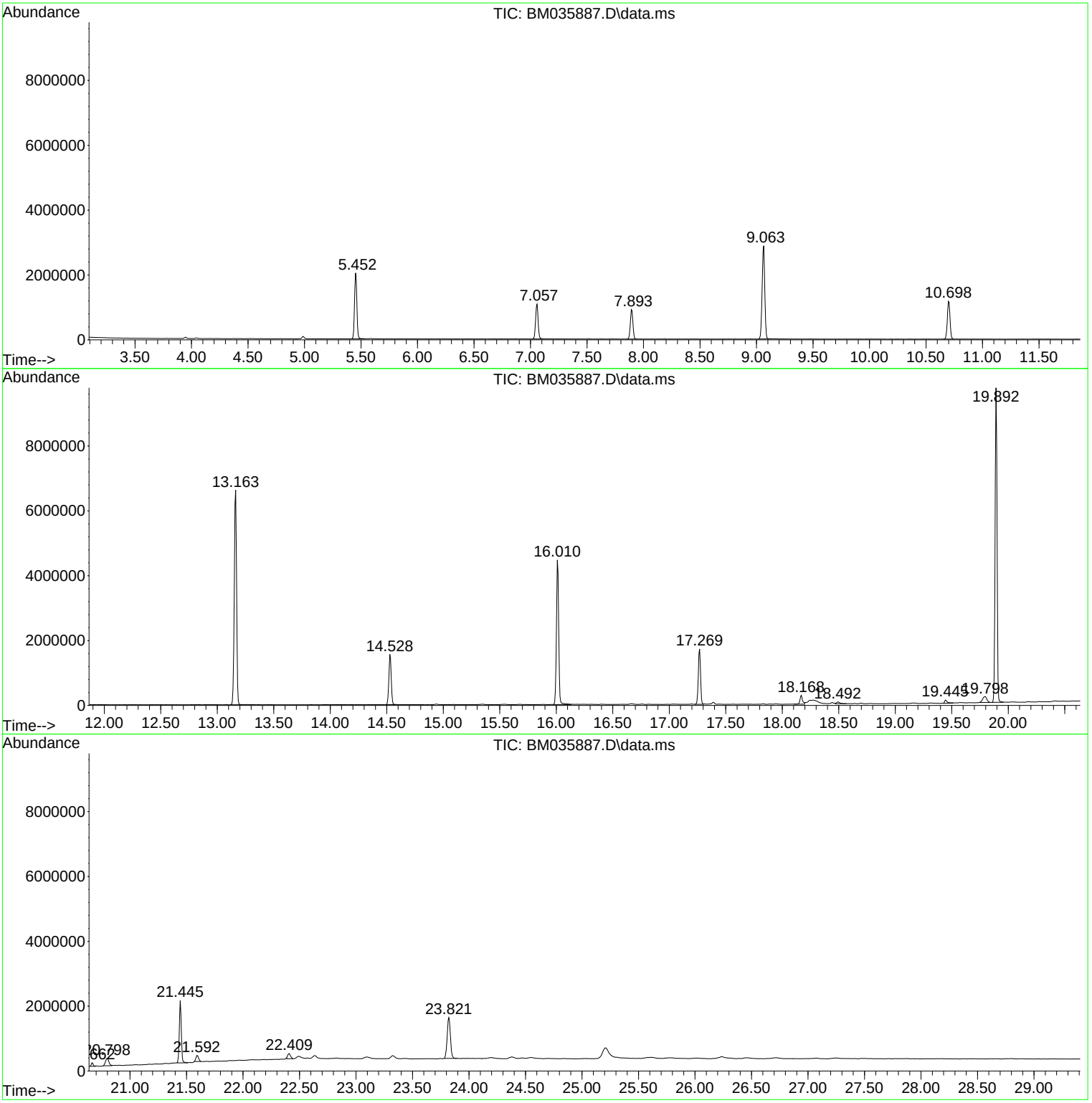
Sum of corrected areas: 51518677

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.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\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

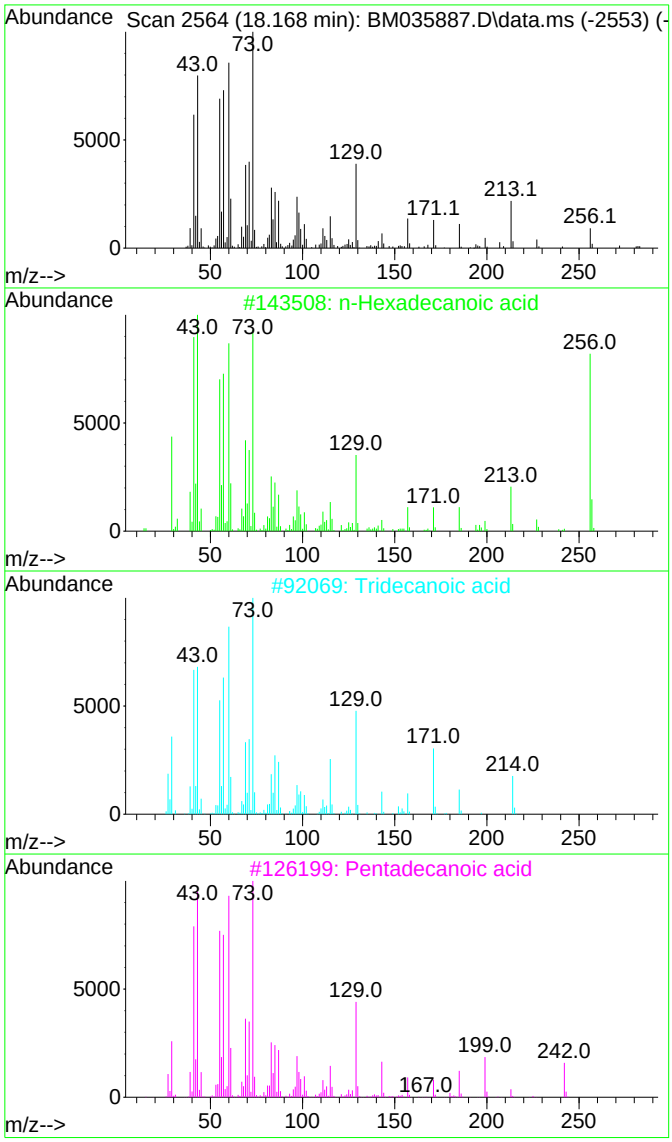
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

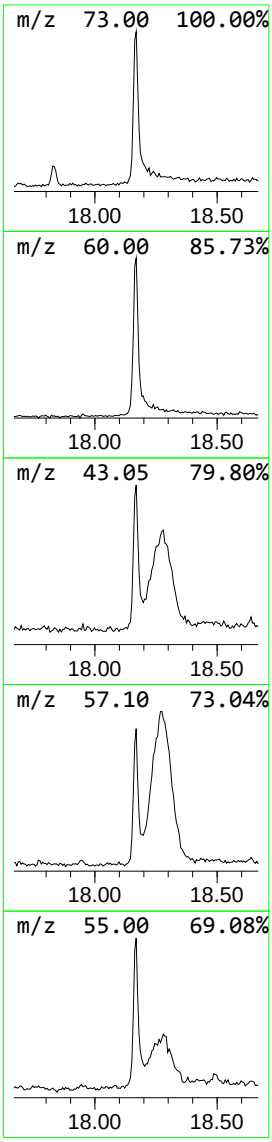
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	3.60 ng	423274	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

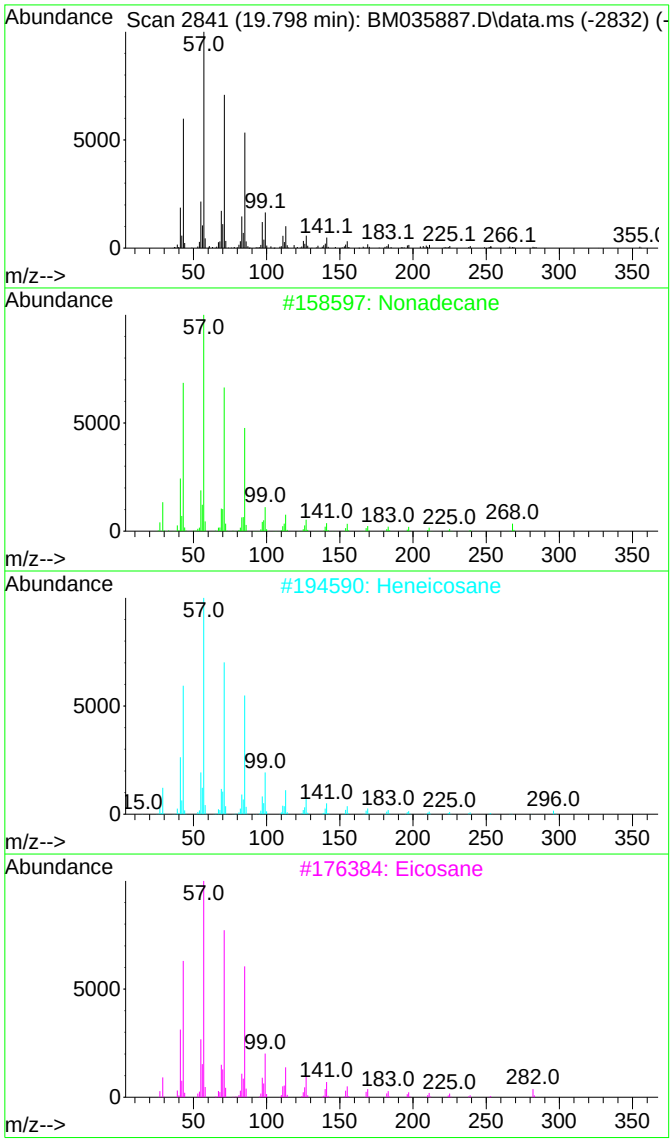
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

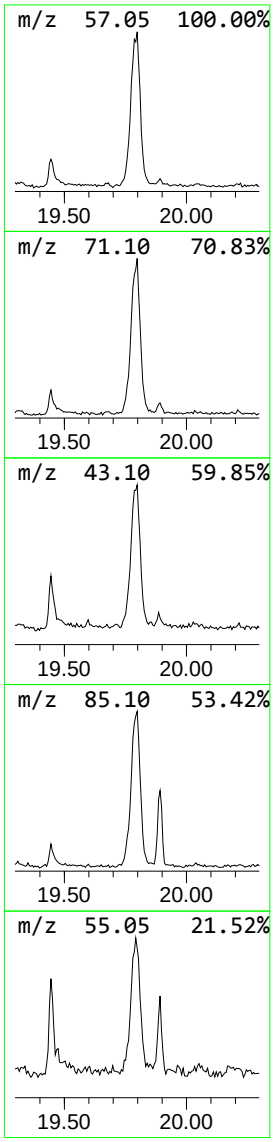
****

Peak Number 2 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.798	3.97 ng	470059	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

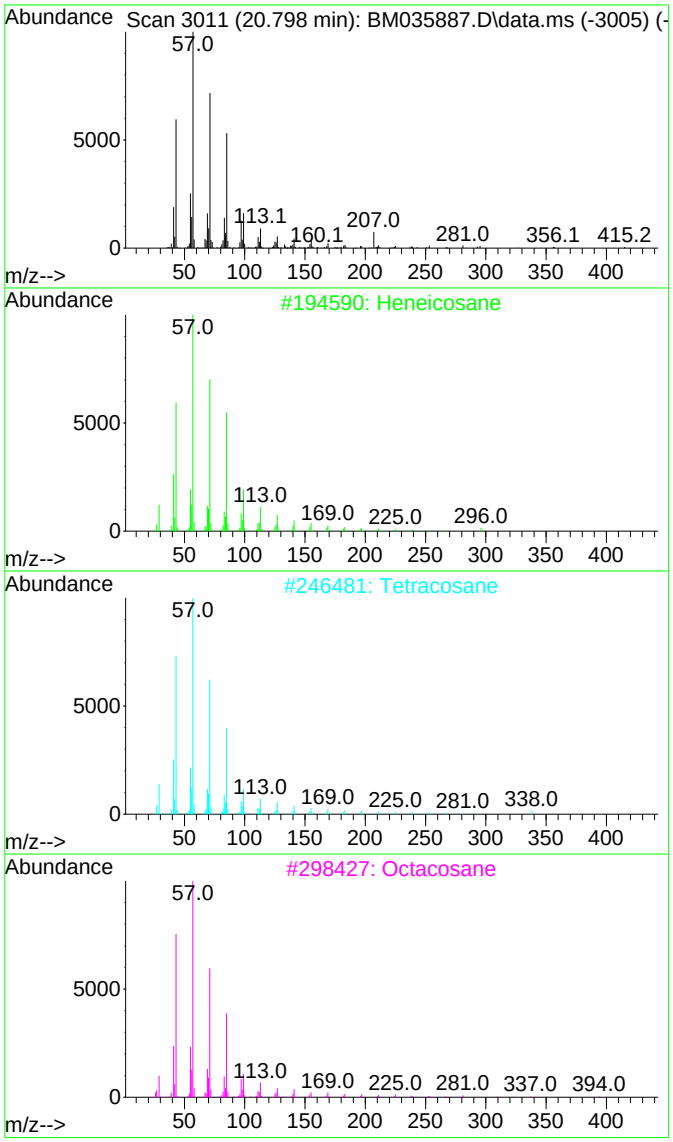
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

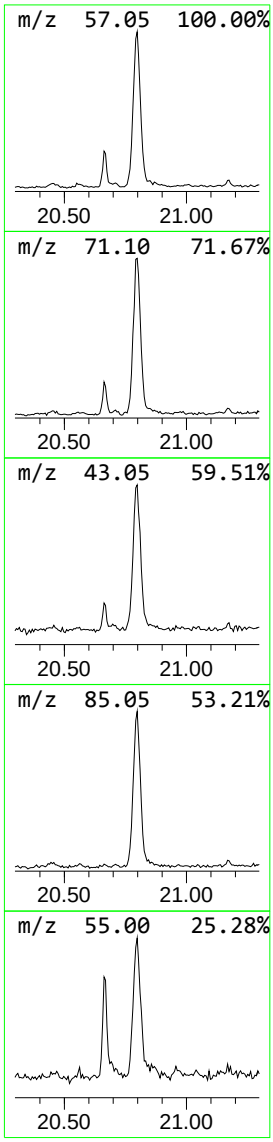
****

Peak Number 3 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.798	4.02 ng	475806	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	86
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

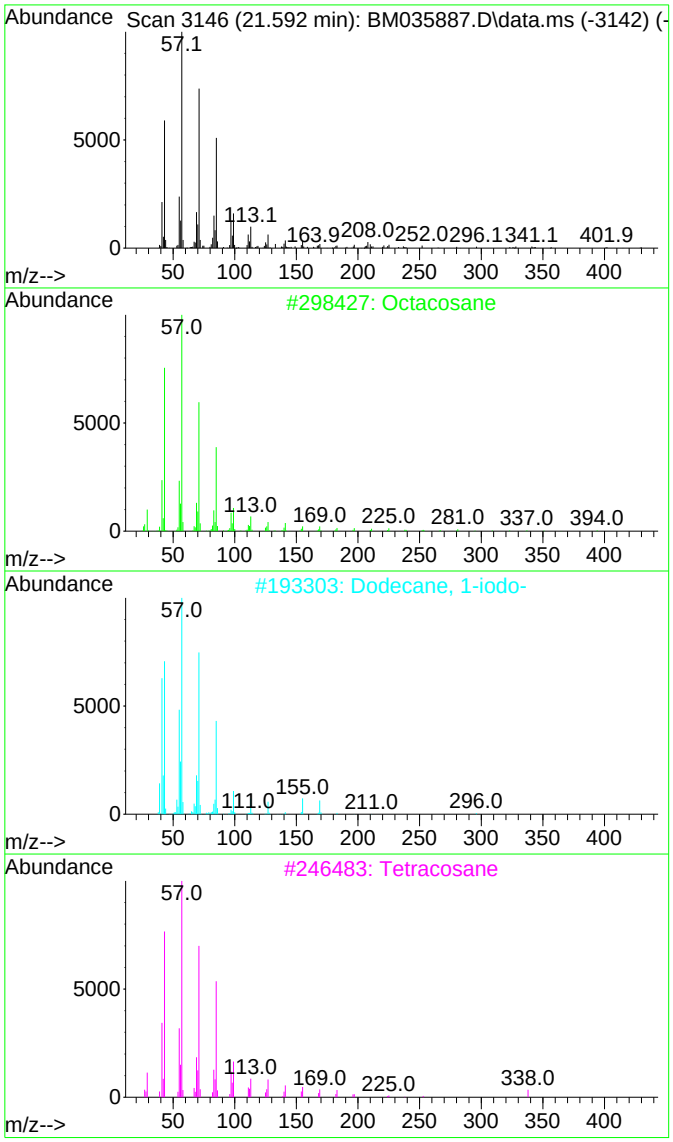
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

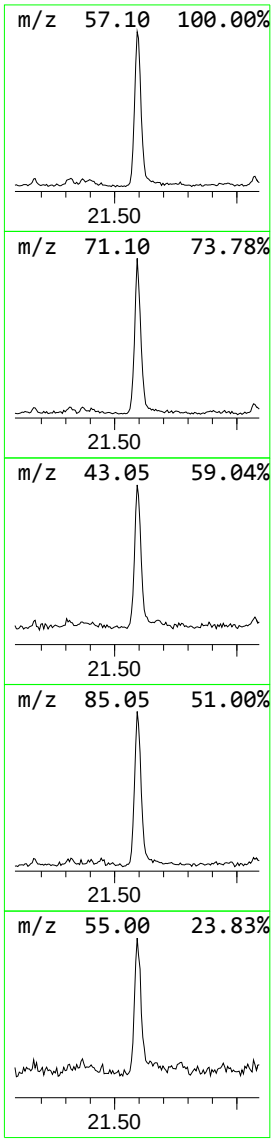
****

Peak Number 4 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.592	2.64 ng	313111	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

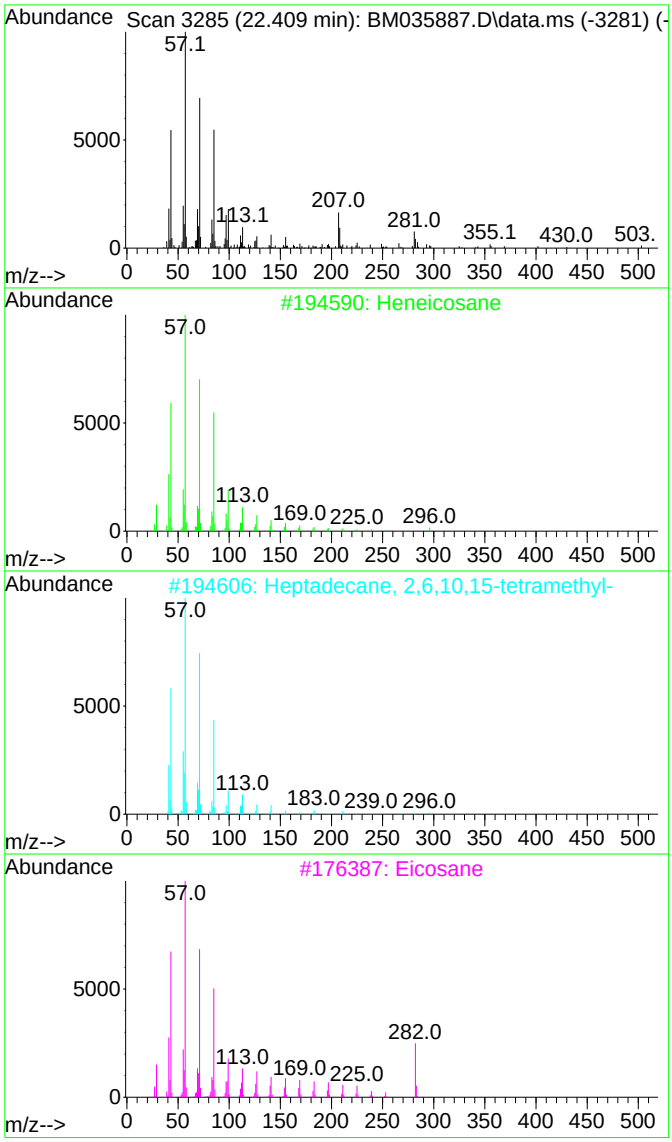
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

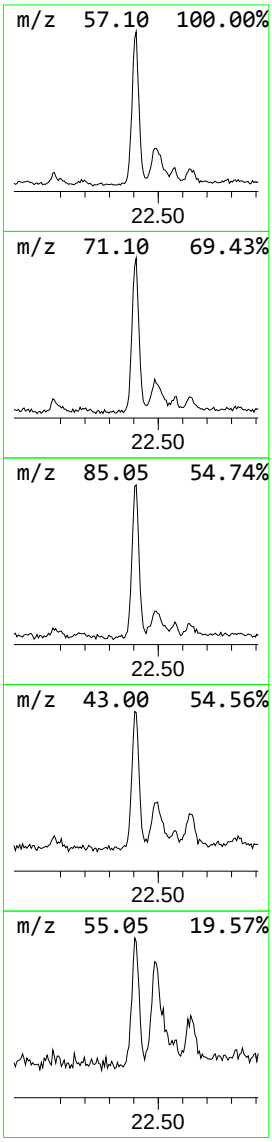
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.409	2.35 ng	278047	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
5	Octadecane	254	C18H38	000593-45-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035887.D
Acq On : 21 Jul 2022 13:35
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.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 ...	18.169	3.6	ng	423274	4	17.269	2351050	20.0
Nonadecane	19.798	4.0	ng	470059	5	21.445	2368950	20.0
Heneicosane	20.798	4.0	ng	475806	5	21.445	2368950	20.0
Octacosane	21.592	2.6	ng	313111	5	21.445	2368950	20.0
Heptadecane, 2,...	22.409	2.4	ng	278047	5	21.445	2368950	20.0