LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

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-BM111222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037501.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	320	325	341	rVB	395987	596066	2.24%	0.169%
2	5.363	398	404	420	rBV	2806275	4191038	15.76%	1.187%
3	6.975	671	678	681	rBV	3041314	5315420	19.99%	1.506%
4	7.228	714	721	735	rBV	4118512	6006330	22.59%	1.701%
5	7.681	789	798	810	rBV	5401751	8247069	31.02%	2.336%
6	7.792	810	817	827	rVV	803098	1226770	4.61%	0.347%
7	8.145	869	877	888	rBV	3991357	6418824	24.14%	1.818%
8	8.610	949	956	969	rBV	2566713	3938510	14.81%	1.116%
9	8.969	1009	1017	1020	rBV	1988481	3312546	12.46%	0.938%
10	9.010	1020	1024	1040	rVB	4164312	6679831	25.12%	1.892%
11	9.539	1105	1114	1131	rBV	6286050	9793310	36.83%	2.774%
12	9.716	1137	1144	1160	rBV	2654247	4362023	16.41%	1.236%
13	10.016	1188	1195	1208	rBV	2704975	4151911	15.62%	1.176%
14	10.457	1262	1270	1282	rVB	6666004	10429616	39.23%	2.954%
15	10.592	1288	1293	1300	rVB	1126851	1794565	6.75%	0.508%
16	10.916	1340	1348	1357	rBV	5956205	8978507	33.77%	2.543%
17	11.898	1507	1515	1531	rBV	4319447	6768803	25.46%	1.917%
18	12.257	1568	1576	1584	rBV	2720474	4188842	15.75%	1.187%
19	12.874	1672	1681	1702	rBV	4769963	7171612	26.97%	2.031%
20	13.063	1705	1713	1726	rBV	5842184	8184245	30.78%	2.318%
21	13.316	1748	1756	1769	rBV	3726146	5913826	22.24%	1.675%
22	13.910	1847	1857	1866	rBV	7615621	10680344	40.17%	3.025%
23	14.039	1872	1879	1885	rBV	3930208	5043245	18.97%	1.429%
24	14.163	1893	1900	1914	rVB	3520438	4937584	18.57%	1.399%
25	14.439	1940	1947	1952	rBV	1825981	2511703	9.45%	0.711%
26	14.504	1952	1958	1973	rVB	4694279	6558505	24.67%	1.858%
27	14.686	1982	1989	2006	rBV	2869243	4697440	17.67%	1.331%
28	14.839	2006	2015	2031	rVB2	7717531	13777808	51.82%	3.903%
29	15.492	2118	2126	2135	rBV2	18409876	26588490	100.00%	7.532%
30	15.933	2191	2201	2215	rBV	5285275	7297337	27.45%	2.067%
31	16.380	2271	2277	2287	rVB	5340635	6941311	26.11%	1.966%
32	17.186	2406	2414	2417	rBV	2049838	2958733	11.13%	0.838%
33	17.227	2417	2421	2434	rVB	7819782	10569108	39.75%	2.994%
34	17.856	2523	2528	2538	rVB	275344	350349	1.32%	0.099%
35	18.086	2562	2567	2573	rBV	371873	591829	2.23%	0.168%
36	18.162	2574	2580	2590	rVB	10671145	13350157	50.21%	3.782%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

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-BM111222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.033	2724	2728	2732	rVV	567487	619923	2.33%	0.176%
38	19.162	2746	2750	2757	rVB	298063	347883	1.31%	0.099%
39	19.251	2757	2765	2772	rBV	10255391	13341200	50.18%	3.779%
40	19.362	2780	2784	2798	rBV	230659	383985	1.44%	0.109%
41	19.615	2819	2827	2835	rBV	14673181	19084796	71.78%	5.406%
42	19.815	2855	2861	2872	rBV	12677498	14918378	56.11%	4.226%
43	20.098	2905	2909	2916	rBV	300964	559652	2.10%	0.159%
44	20.450	2965	2969	2974	rVB2	553045	675476	2.54%	0.191%
45	21.086	3072	3077	3086	rBV2	783775	1249324	4.70%	0.354%
46	21.286	3106	3111	3116	rBV	22063906	25195116	94.76%	7.137%
47	21.356	3118	3123	3129	rBV2	7038071	12356791	46.47%	3.500%
48	21.409	3129	3132	3139	rVB	9685827	11627630	43.73%	3.294%
49	21.962	3223	3226	3229	rBV	227020	281443	1.06%	0.080%
50	22.997	3394	3402	3420	rBV	6884141	13031998	49.01%	3.691%
51	23.703	3516	3522	3536	rVB2	1640239	3288463	12.37%	0.932%
52	24.274	3613	3619	3629	rVB	750889	1542020	5.80%	0.437%

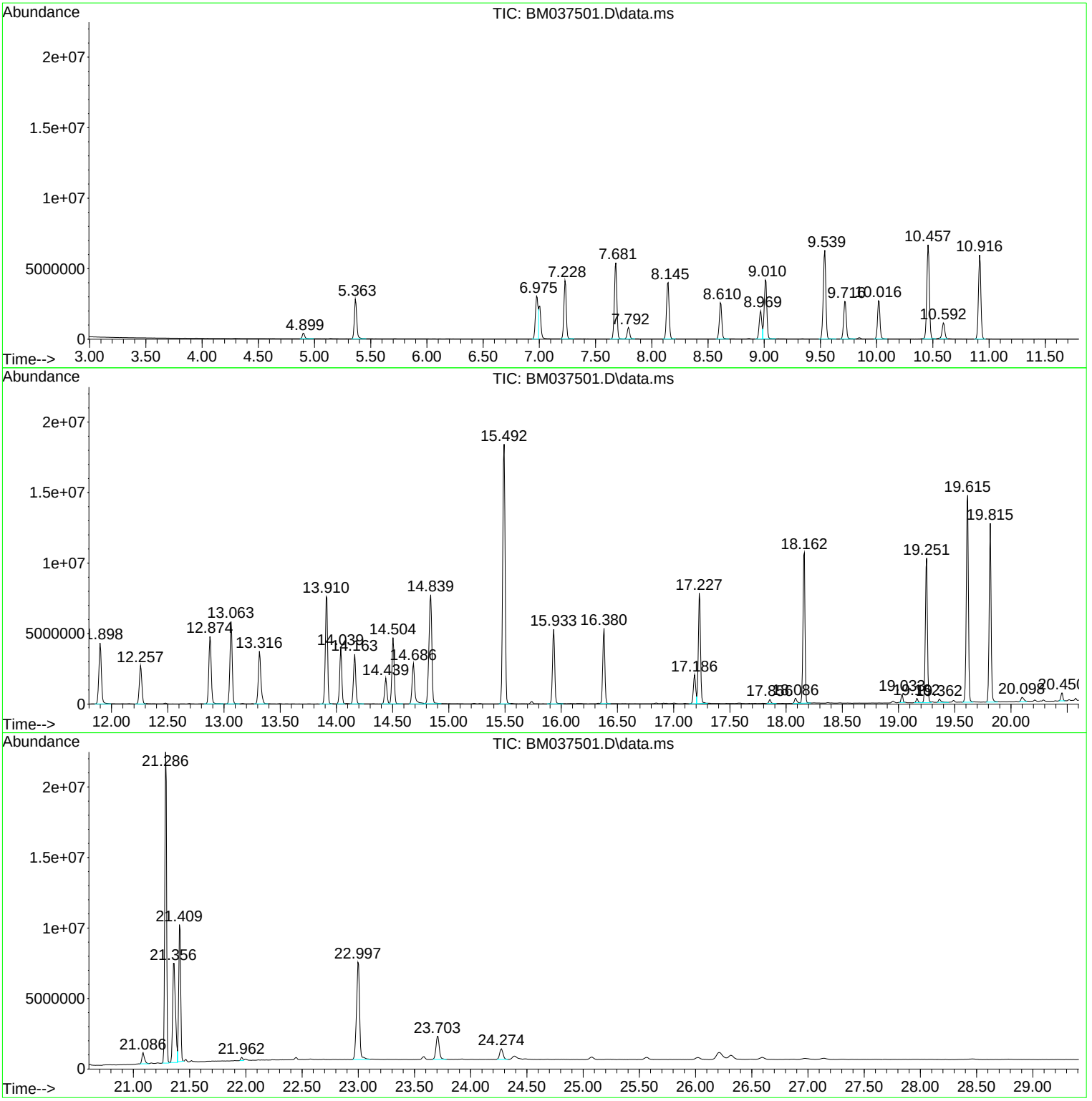
Sum of corrected areas: 353027685

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.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\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

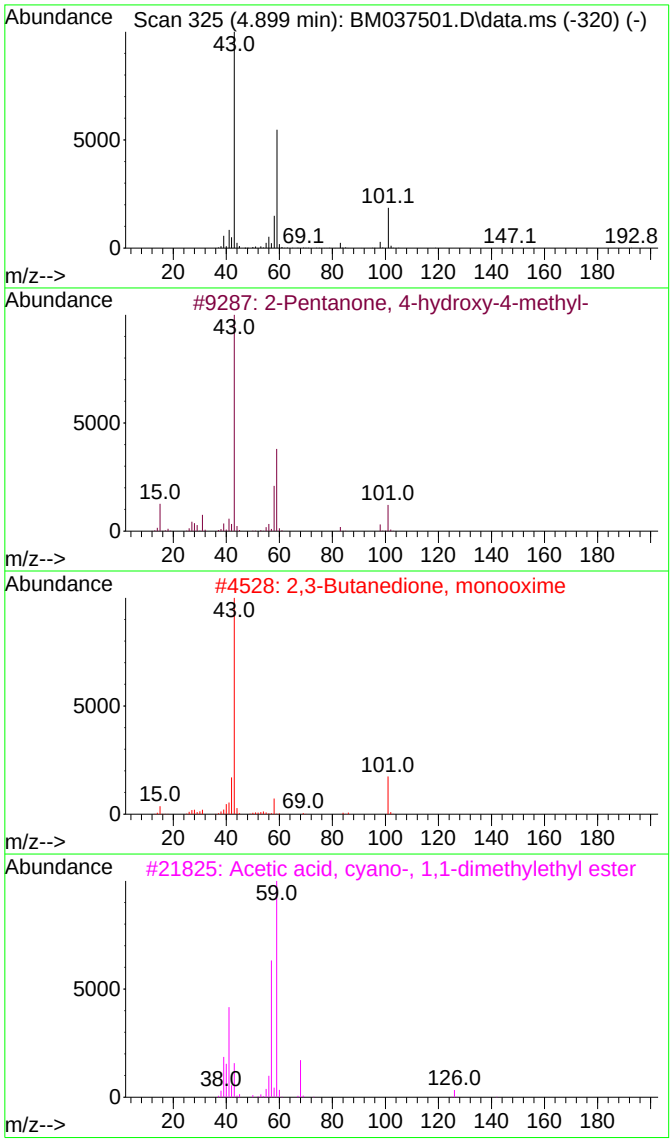
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

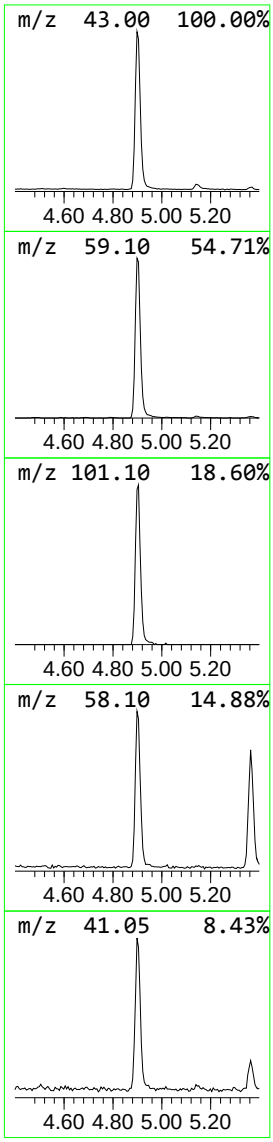
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	9.72 ng	596066	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

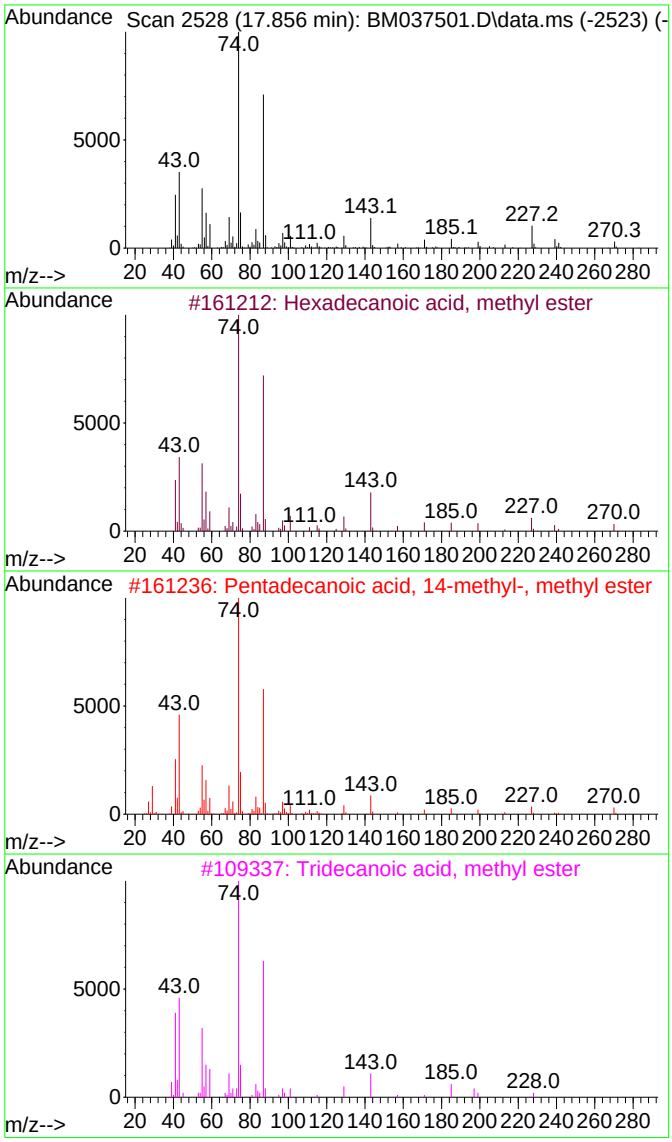
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

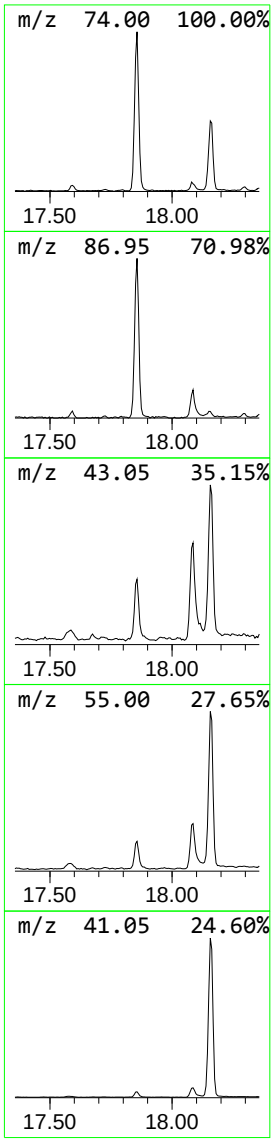
****

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	2.37 ng	350349	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

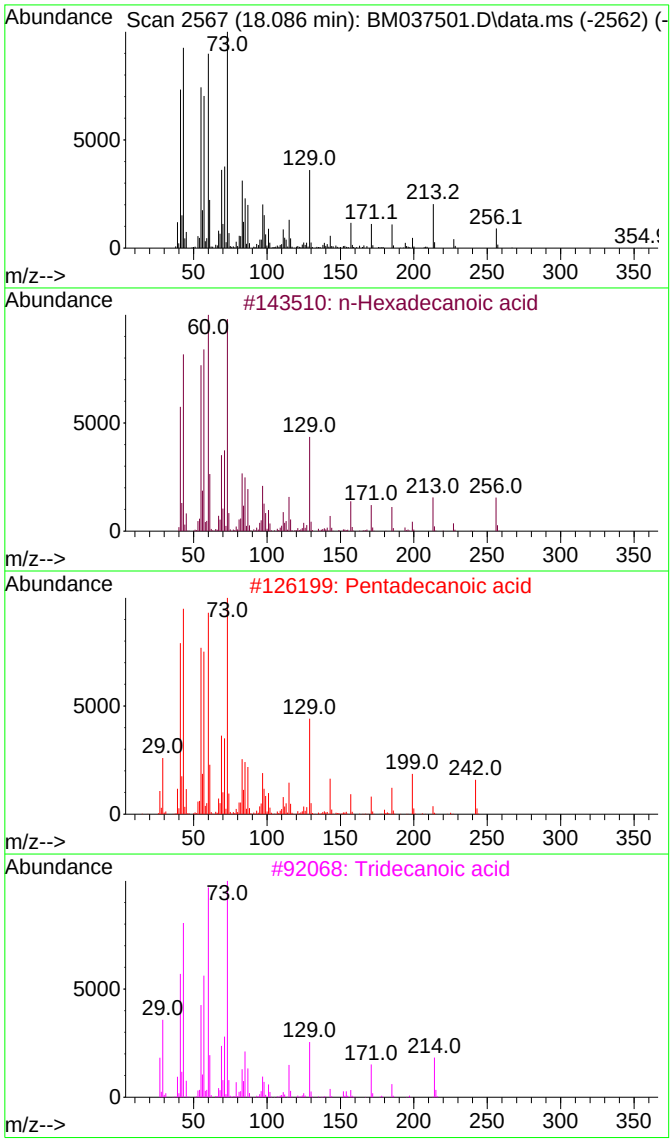
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

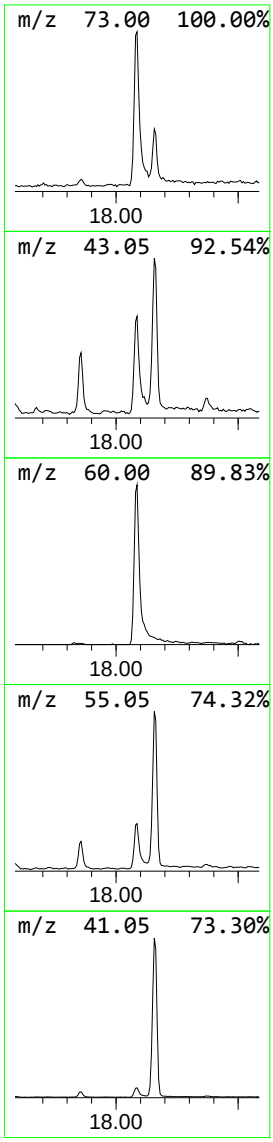
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	4.00 ng	591829	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

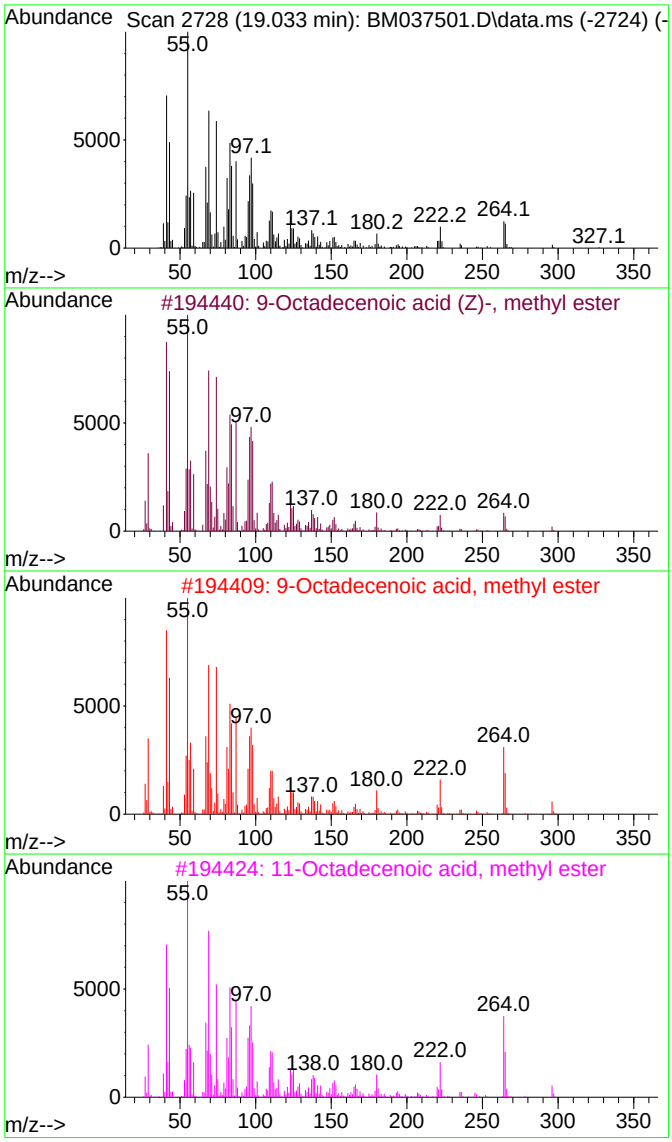
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

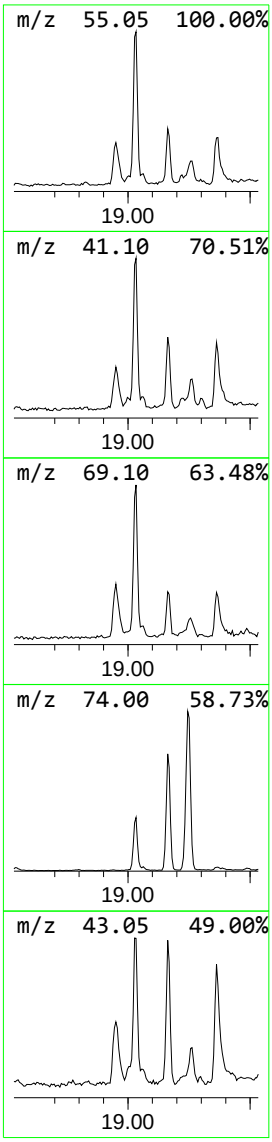
****

Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	4.19 ng	619923	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

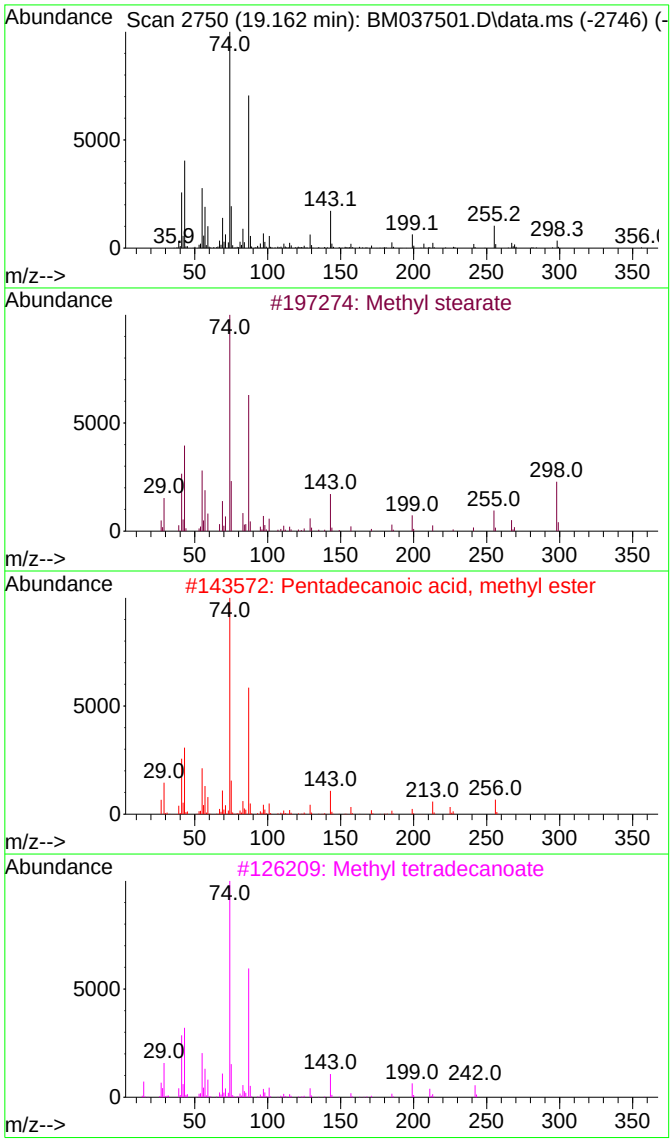
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

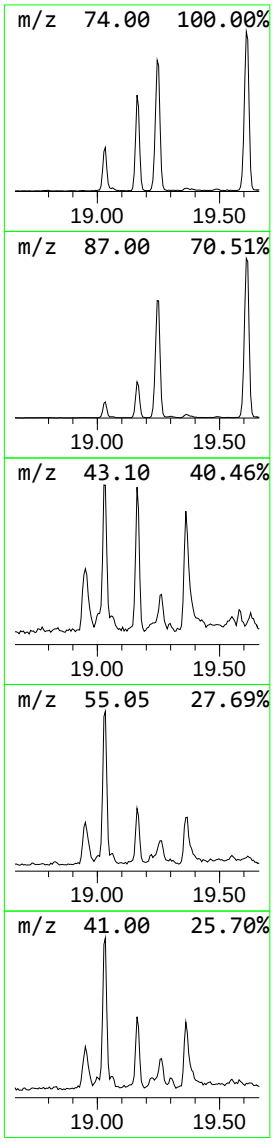
****

Peak Number 5 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.162	2.35 ng	347883	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

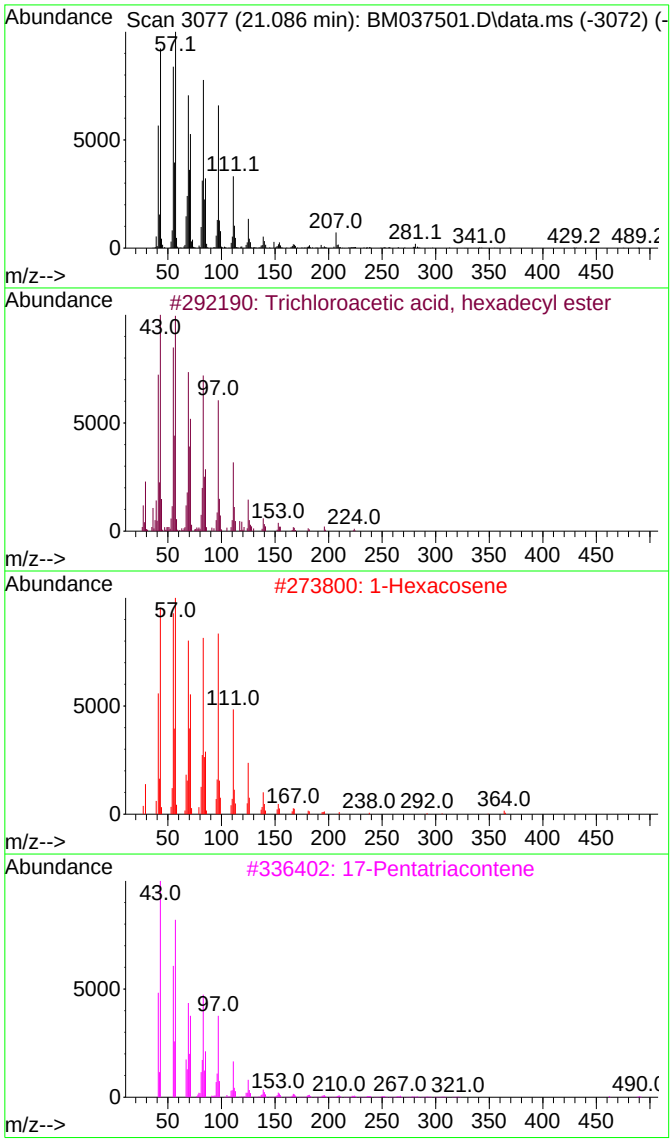
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

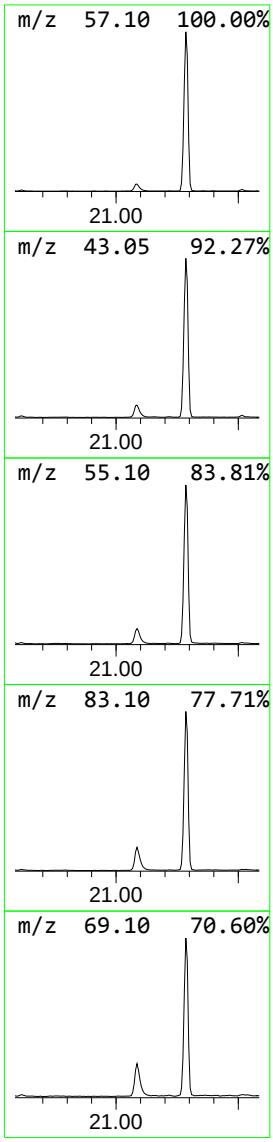
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.02 ng	1249320	Chrysene-d12	21.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Docosene	308	C22H44	001599-67-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

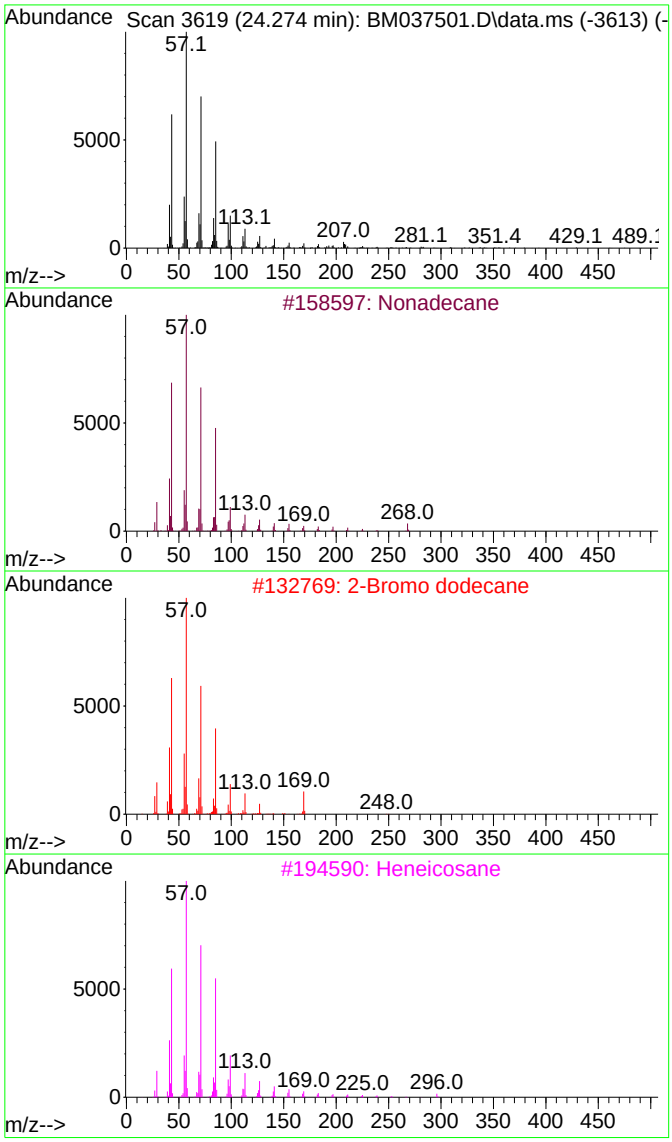
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

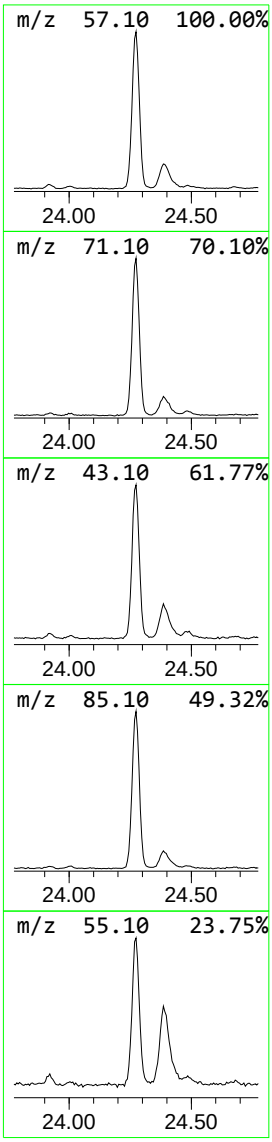
****

Peak Number 7 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.274	9.38 ng	1542020	Perylene-d12	23.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.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
2-Pentanone, 4-...	4.899	9.7	ng	596066	1	7.792	1226770	20.0
Hexadecanoic ac...	17.857	2.4	ng	350349	4	17.186	2958730	20.0
n-Hexadecanoic ...	18.086	4.0	ng	591829	4	17.186	2958730	20.0
9-Octadecenoic ...	19.033	4.2	ng	619923	4	17.186	2958730	20.0
Methyl stearate	19.162	2.4	ng	347883	4	17.186	2958730	20.0
Trichloroacetic...	21.086	2.0	ng	1249320	5	21.374	12356800	20.0
Nonadecane	24.274	9.4	ng	1542020	6	23.703	3288460	20.0