LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037281.D
Acq On : 29 Oct 2022 21:11
Operator : CG/JU
Sample : N5219-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-B

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-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	315	322	333	rBV	1686444	2265497	17.78%	2.463%
2	5.440	394	400	416	rBV	7129155	9957250	78.14%	10.825%
3	7.046	665	673	687	rBV	6909063	10479282	82.23%	11.393%
4	7.869	805	813	820	rBV	1768305	2685806	21.08%	2.920%
5	9.040	1004	1012	1027	rBV	4203630	6640808	52.11%	7.220%
6	10.451	1245	1252	1270	rBV	112057	255643	2.01%	0.278%
7	10.669	1280	1289	1302	rBV	2162017	3598570	28.24%	3.912%
8	13.128	1700	1707	1721	rBV	8650373	12579805	98.72%	13.676%
9	14.504	1934	1941	1958	rBV	2858668	4110107	32.25%	4.468%
10	15.992	2187	2194	2211	rBV	5760365	8285098	65.02%	9.007%
11	17.245	2397	2407	2418	rBV	2799457	4155577	32.61%	4.518%
12	18.021	2533	2539	2544	rBV4	88307	166452	1.31%	0.181%
13	18.139	2554	2559	2582	rBV	995873	1731970	13.59%	1.883%
14	19.298	2752	2756	2768	rVB	177201	354407	2.78%	0.385%
15	19.409	2771	2775	2788	rBV	594362	1028154	8.07%	1.118%
16	19.668	2815	2819	2827	rVB3	60243	131143	1.03%	0.143%
17	19.862	2847	2852	2860	rVB	11613757	12743122	100.00%	13.854%
18	20.492	2955	2959	2964	rBV2	243963	383037	3.01%	0.416%
19	21.127	3063	3067	3076	rVB	585020	841318	6.60%	0.915%
20	21.415	3111	3116	3126	rBV	3347132	4526012	35.52%	4.920%
21	23.774	3511	3517	3525	rVB2	2264478	4275535	33.55%	4.648%
22	24.350	3612	3615	3623	rVB	468232	788349	6.19%	0.857%

Sum of corrected areas: 91982942

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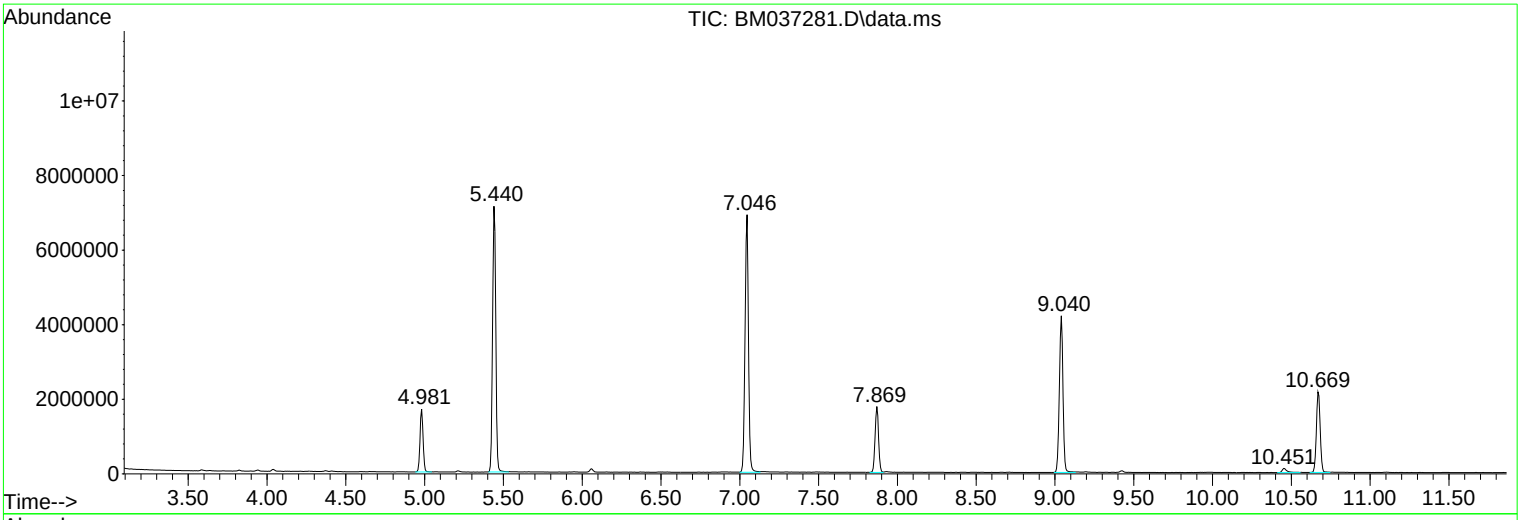
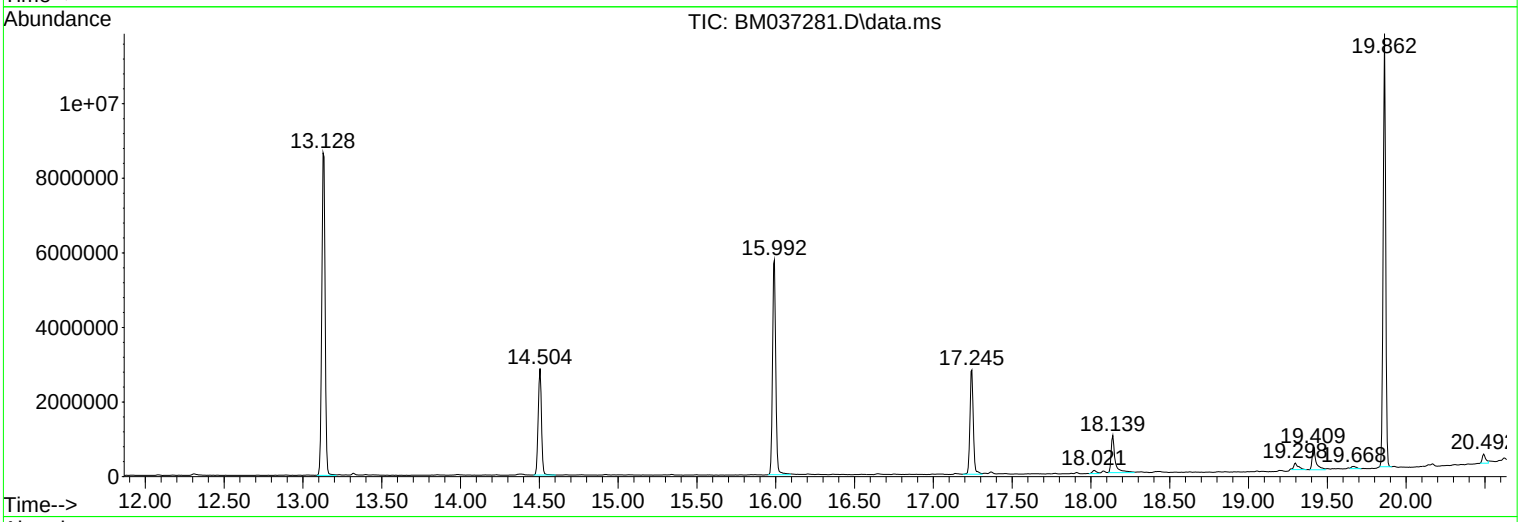
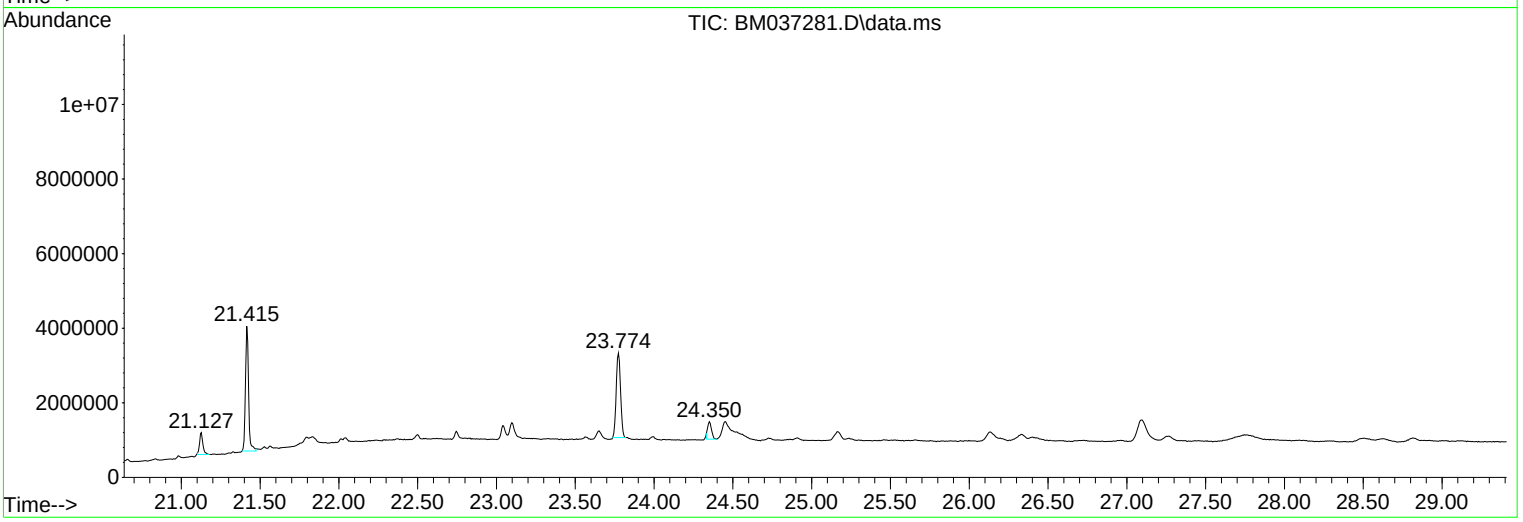
ClientSampleId :
BACKYARD-SURFACE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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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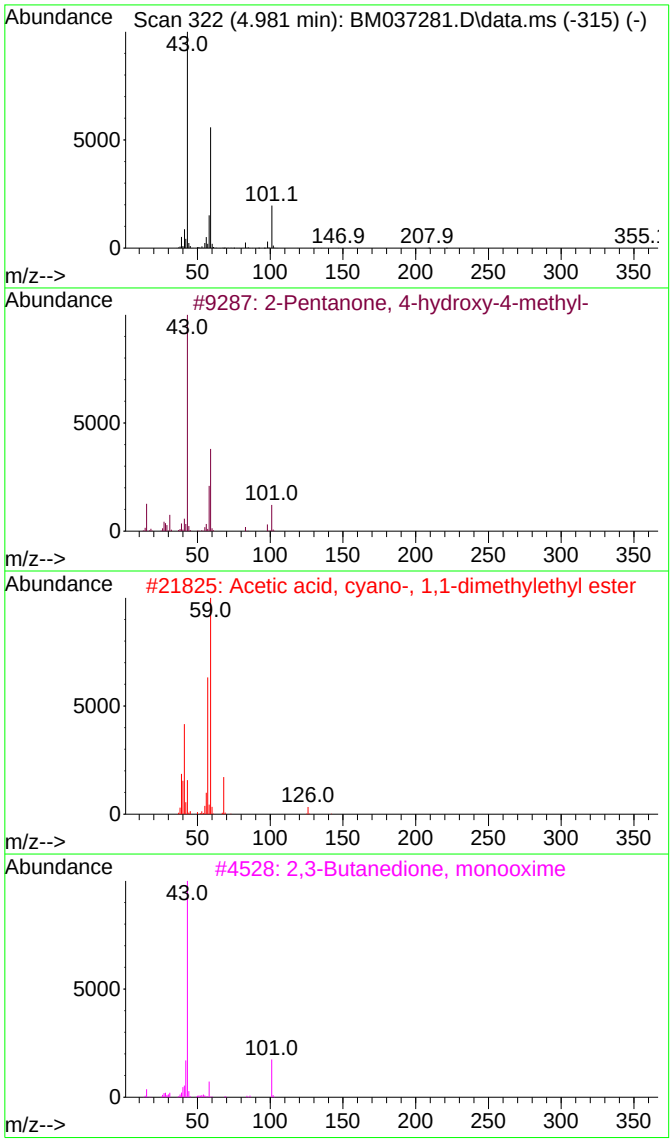
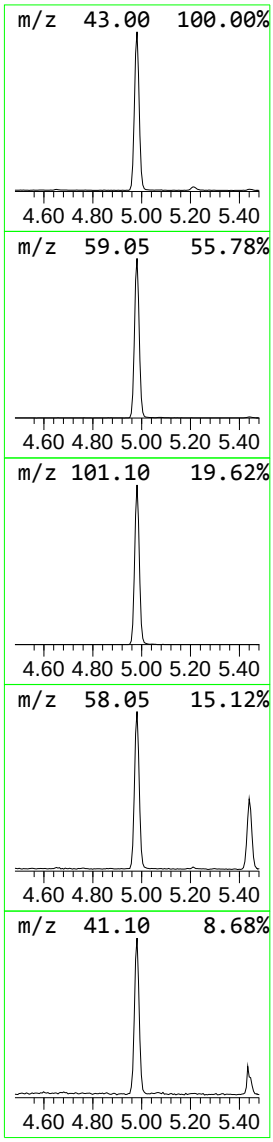
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	16.87 ng	2265500	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





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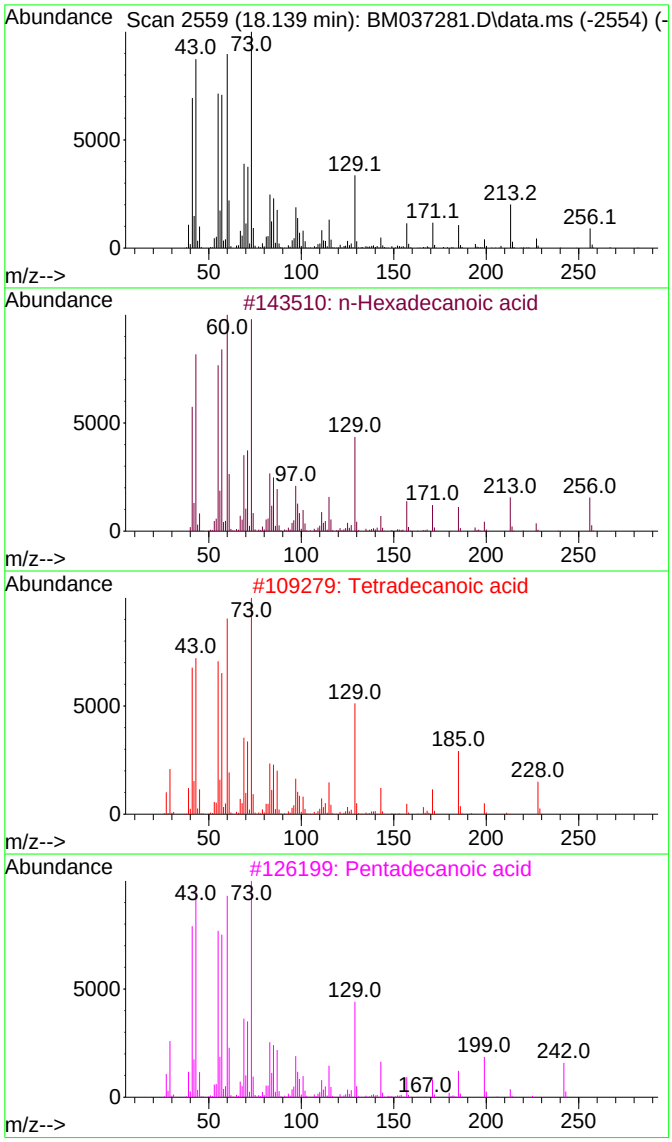
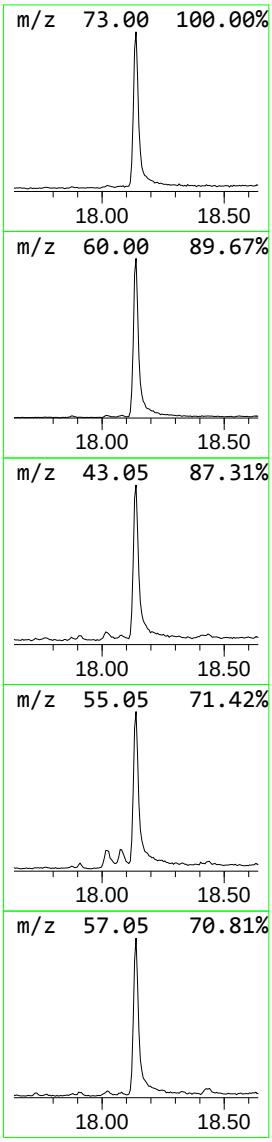
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	8.34 ng	1731970	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-B

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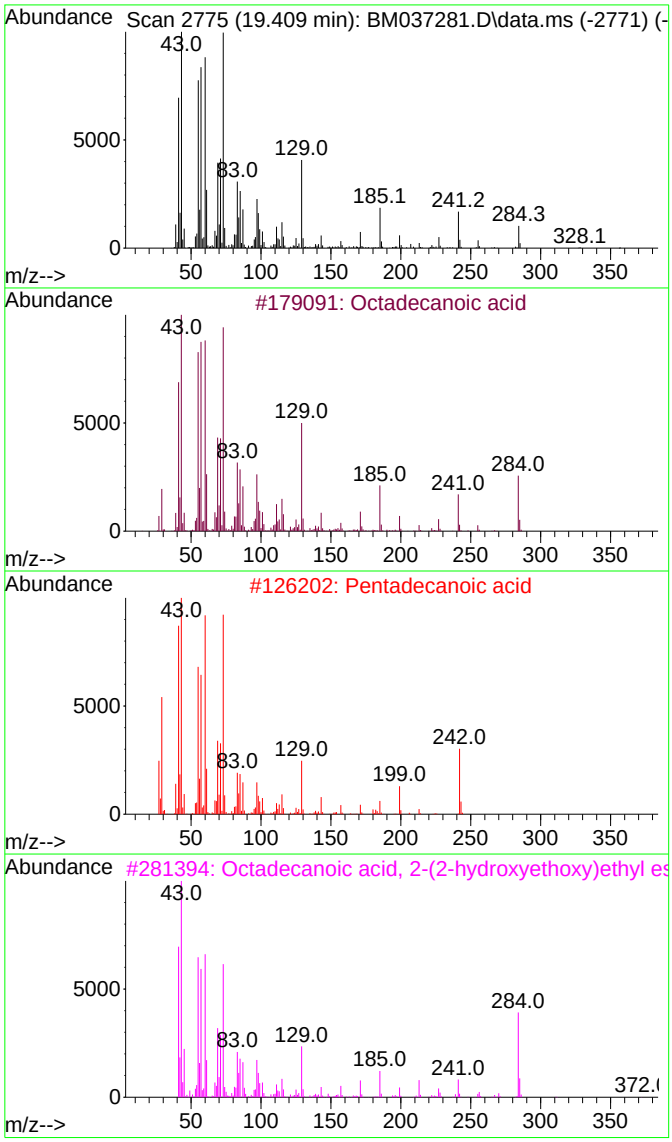
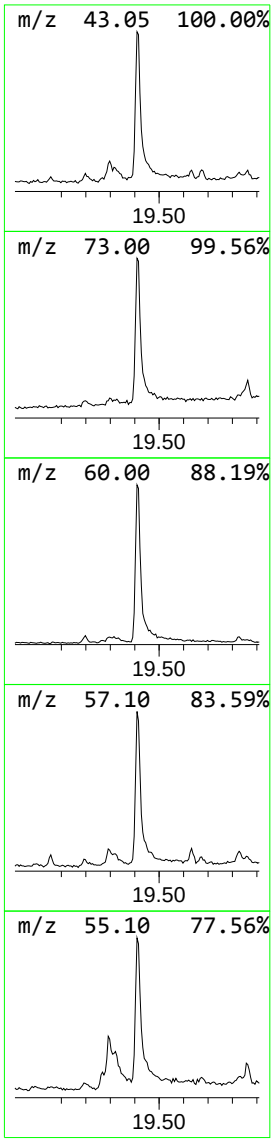
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	4.54 ng	1028150	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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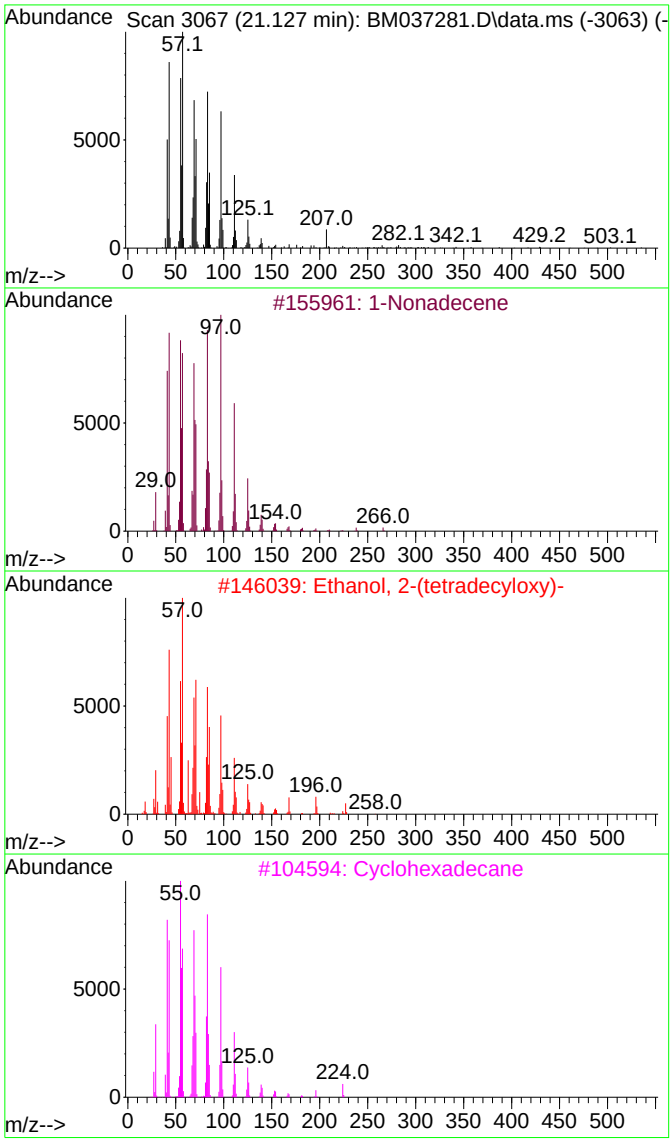
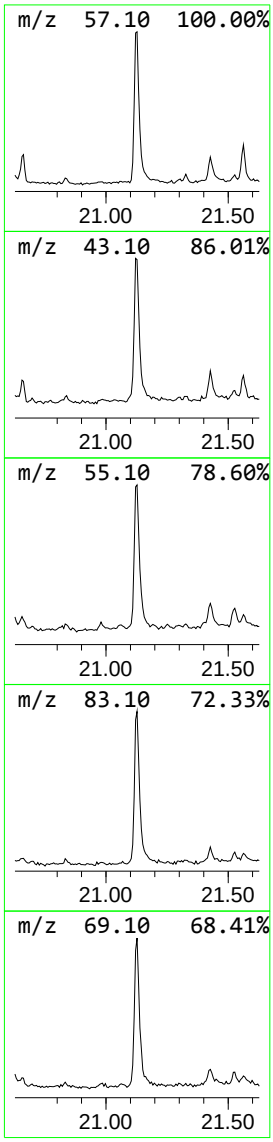
Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	3.72 ng	841318	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91





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ALS Vial : 19 Sample Multiplier: 1

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BNA_M
ClientSampleId :
BACKYARD-SURFACE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
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TIC Integration Parameters: LSCINT.P

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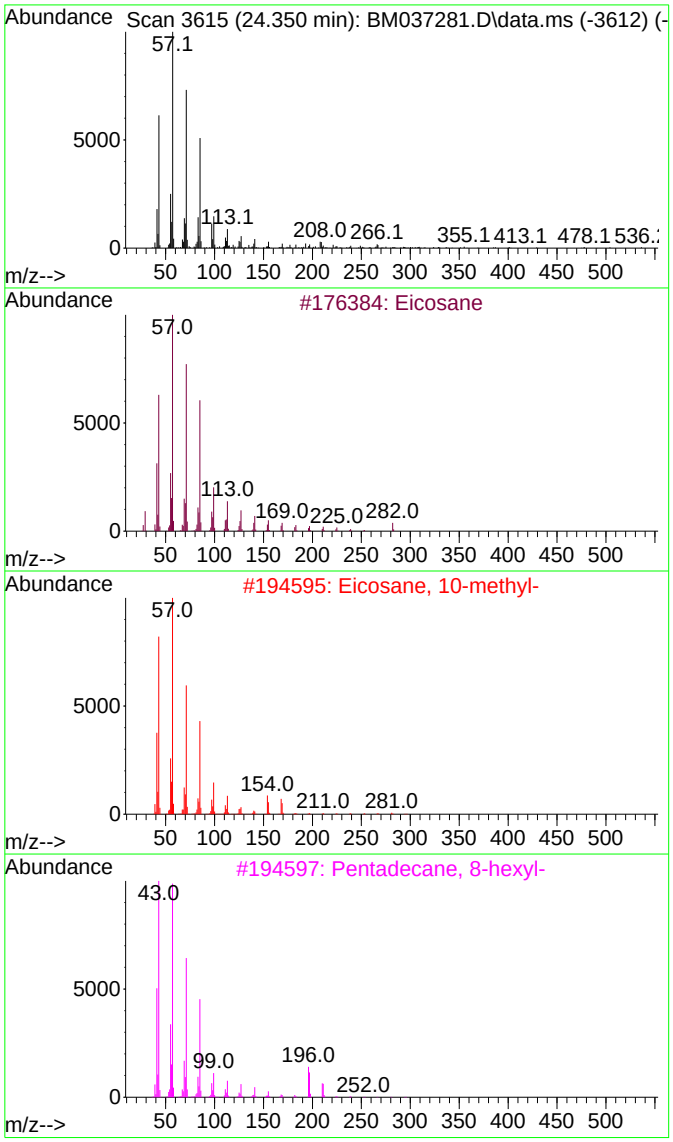
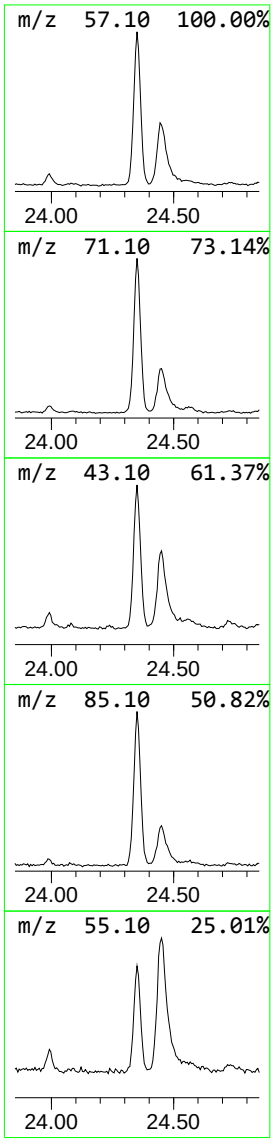
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.350	3.69 ng	788349	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





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-...	4.981	16.9	ng	2265500	1	7.869	2685810	20.0
n-Hexadecanoic ...	18.139	8.3	ng	1731970	4	17.245	4155580	20.0
Octadecanoic acid	19.410	4.5	ng	1028150	5	21.415	4526010	20.0
1-Nonadecene	21.127	3.7	ng	841318	5	21.415	4526010	20.0
Eicosane	24.350	3.7	ng	788349	6	23.774	4275540	20.0