LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010466.D
Acq On : 09 Jun 2017 22:39
Operator : SJ/MA
Sample : I3520-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A43

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.087	670	680	692	rBV	838124	1509538	24.66%	1.997%
2	7.245	701	707	714	rBV	552897	869232	14.20%	1.150%
3	7.439	733	740	753	rBV	953093	1531800	25.02%	2.026%
4	7.904	812	819	828	rBV	1296738	2061553	33.67%	2.727%
5	8.628	935	942	952	rBV	1005606	1661126	27.13%	2.197%
6	9.086	1014	1020	1028	rBV	860645	1380581	22.55%	1.826%
7	9.798	1133	1141	1151	rBV	810714	1356091	22.15%	1.794%
8	10.327	1224	1231	1242	rBV	1254110	2189879	35.77%	2.897%
9	10.704	1288	1295	1303	rBV	1617909	2730616	44.60%	3.612%
10	10.869	1314	1323	1335	rBV	846711	1514009	24.73%	2.003%
11	12.451	1586	1592	1598	rBV5	61061	117080	1.91%	0.155%
12	13.368	1742	1748	1750	rBV5	47107	69302	1.13%	0.092%
13	13.951	1840	1847	1852	rBV	2481654	3402104	55.57%	4.500%
14	13.998	1852	1855	1860	rVB	913891	1180749	19.29%	1.562%
15	14.239	1888	1896	1903	rBV	2378368	3569387	58.30%	4.721%
16	14.368	1915	1918	1923	rVB4	47551	68115	1.11%	0.090%
17	14.539	1939	1947	1956	rBV3	2571814	3979919	65.01%	5.264%
18	14.780	1983	1988	2000	rBV	722182	1272865	20.79%	1.684%
19	15.321	2076	2080	2085	rVB3	73973	88136	1.44%	0.117%
20	15.527	2108	2115	2123	rBV	3198289	4588309	74.94%	6.069%
21	15.657	2131	2137	2143	rBV	1085444	1414907	23.11%	1.872%
22	15.762	2152	2155	2161	rVB6	48835	77523	1.27%	0.103%
23	16.180	2222	2226	2231	rBV2	70142	97883	1.60%	0.129%
24	16.227	2231	2234	2240	rVB7	46873	65128	1.06%	0.086%
25	16.974	2354	2361	2363	rBV5	45196	78947	1.29%	0.104%
26	17.003	2363	2366	2373	rVB9	44235	79051	1.29%	0.105%
27	17.139	2385	2389	2396	rBV6	96400	129986	2.12%	0.172%
28	17.203	2397	2400	2407	rBV9	43724	86968	1.42%	0.115%
29	17.286	2407	2414	2420	rVV	3531793	4883238	79.76%	6.459%
30	17.386	2425	2431	2438	rVV	3667244	5012673	81.88%	6.630%
31	18.021	2535	2539	2542	rBV5	53648	76184	1.24%	0.101%
32	18.074	2545	2548	2553	rBV3	142886	167194	2.73%	0.221%
33	18.133	2553	2558	2569	rBV	975739	1406233	22.97%	1.860%
34	18.433	2605	2609	2616	rVB9	52037	84600	1.38%	0.112%

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Misc :
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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

35	18.527	2621	2625	2629	rVV7	41666	62236	1.02%	0.082%
36	18.709	2652	2656	2667	rVB2	257512	383901	6.27%	0.508%
37	19.262	2747	2750	2752	rBV4	76816	87605	1.43%	0.116%
38	19.292	2752	2755	2757	rBV3	103489	148761	2.43%	0.197%
39	19.403	2770	2774	2782	rBV3	368210	538991	8.80%	0.713%
40	19.562	2798	2801	2804	rBV4	67186	78523	1.28%	0.104%
41	19.674	2814	2820	2830	rBV	4362074	6122249	100.00%	8.098%
42	20.139	2896	2899	2903	rVB4	100736	127987	2.09%	0.169%
43	20.192	2905	2908	2912	rBV2	303121	401347	6.56%	0.531%
44	20.315	2916	2929	2931	rBV9	567301	1866521	30.49%	2.469%
45	21.109	3059	3064	3070	rBV4	457520	810606	13.24%	1.072%
46	21.450	3117	3122	3127	rBV	4434377	5375453	87.80%	7.110%
47	22.009	3214	3217	3224	rVB5	293989	508981	8.31%	0.673%
48	23.638	3488	3494	3502	rVB2	2405900	4685198	76.53%	6.197%
49	23.791	3514	3520	3529	rVB	2415404	4618588	75.44%	6.109%
50	24.191	3585	3588	3595	rVB4	575587	984719	16.08%	1.302%

Sum of corrected areas: 75602572

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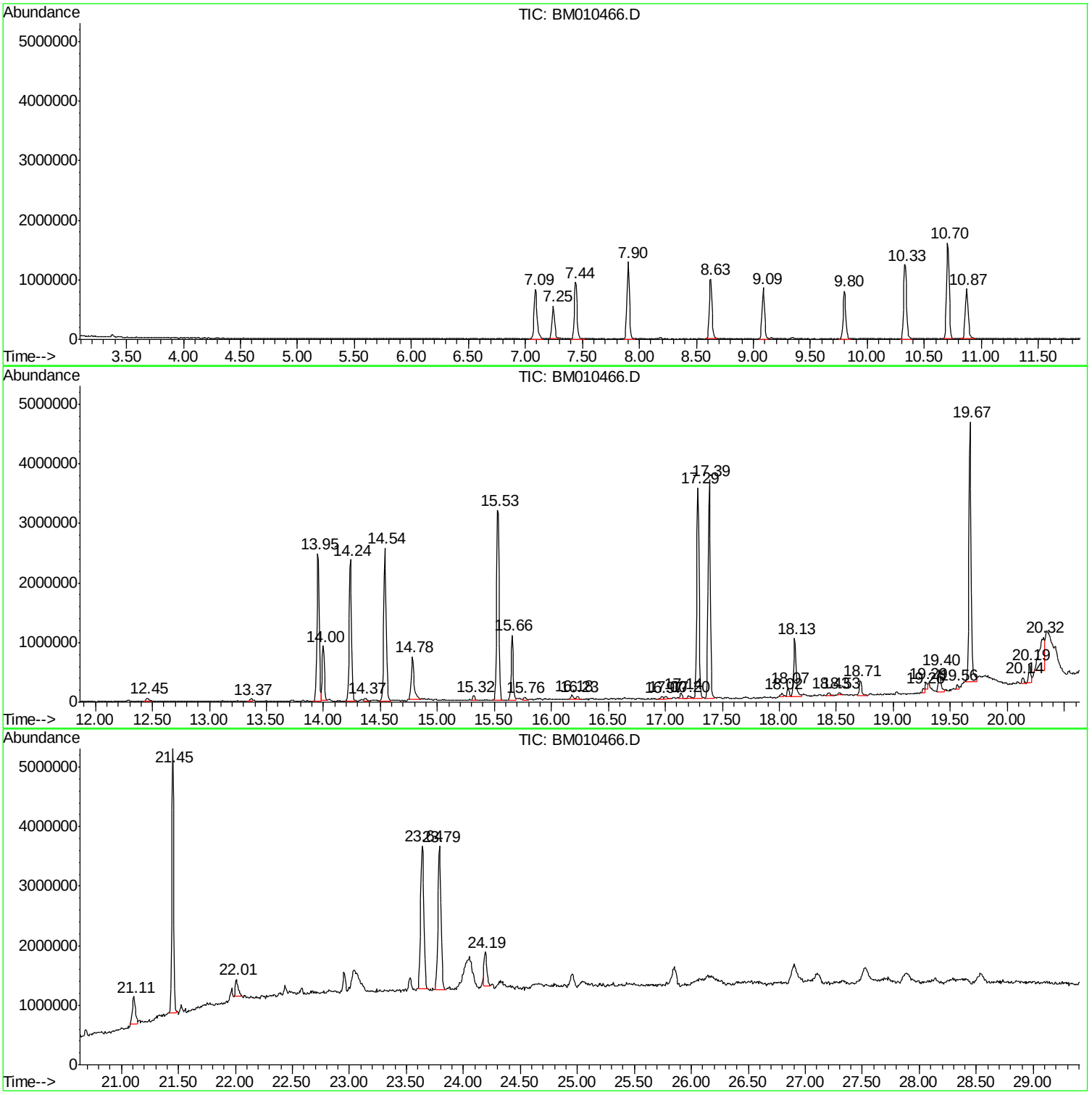
F5A43

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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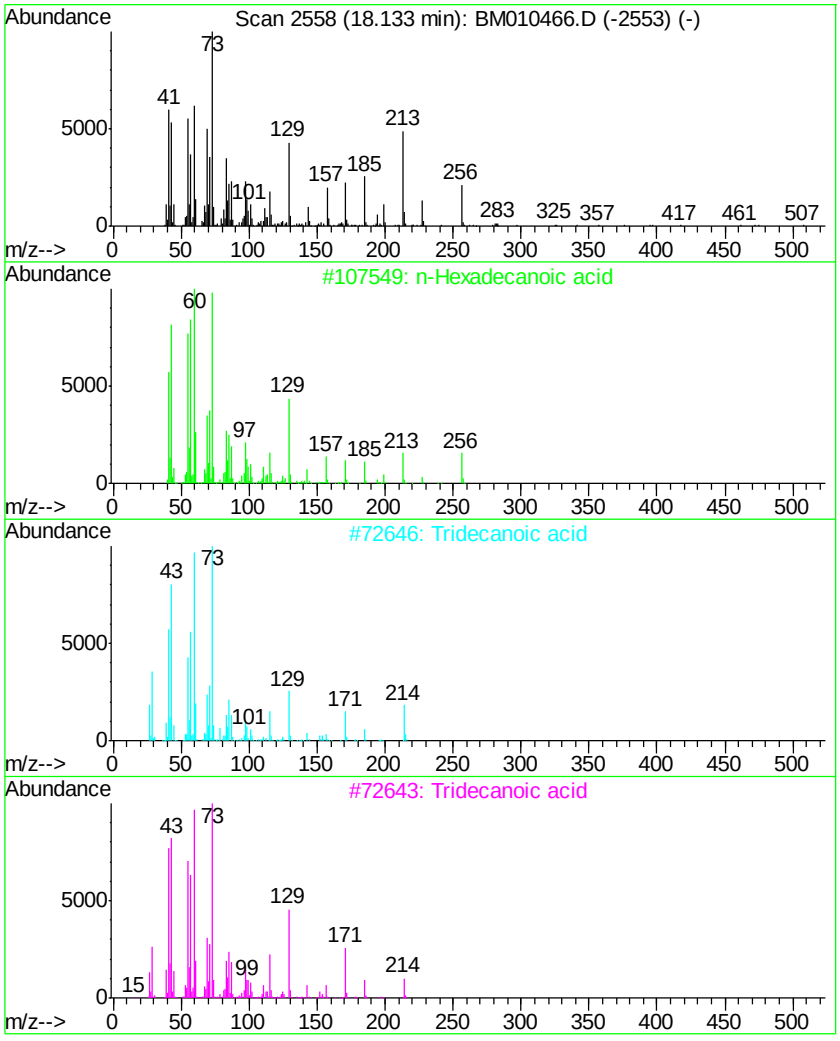
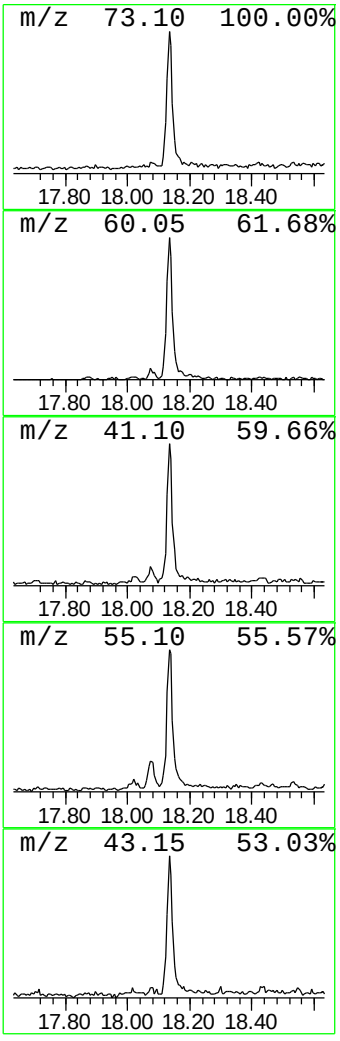
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.76 ng/ul	1406230	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





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Instrument : BNA_M
ClientSampleId : F5A43

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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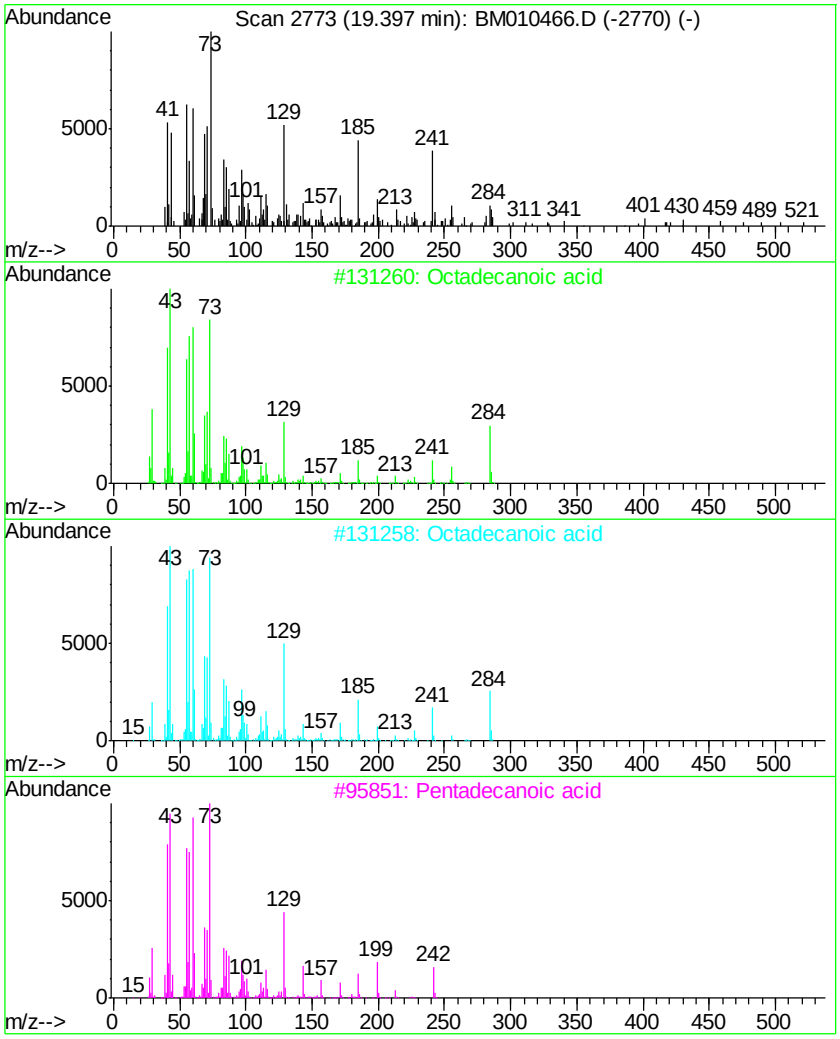
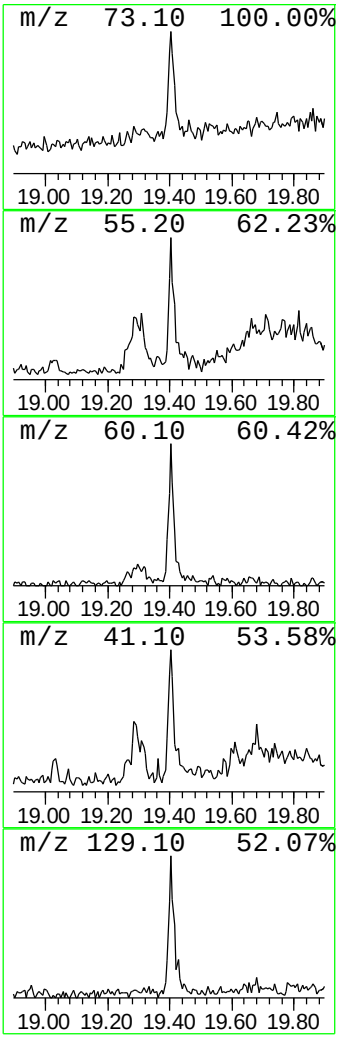
Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	2.01 ng/ul	538991	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53





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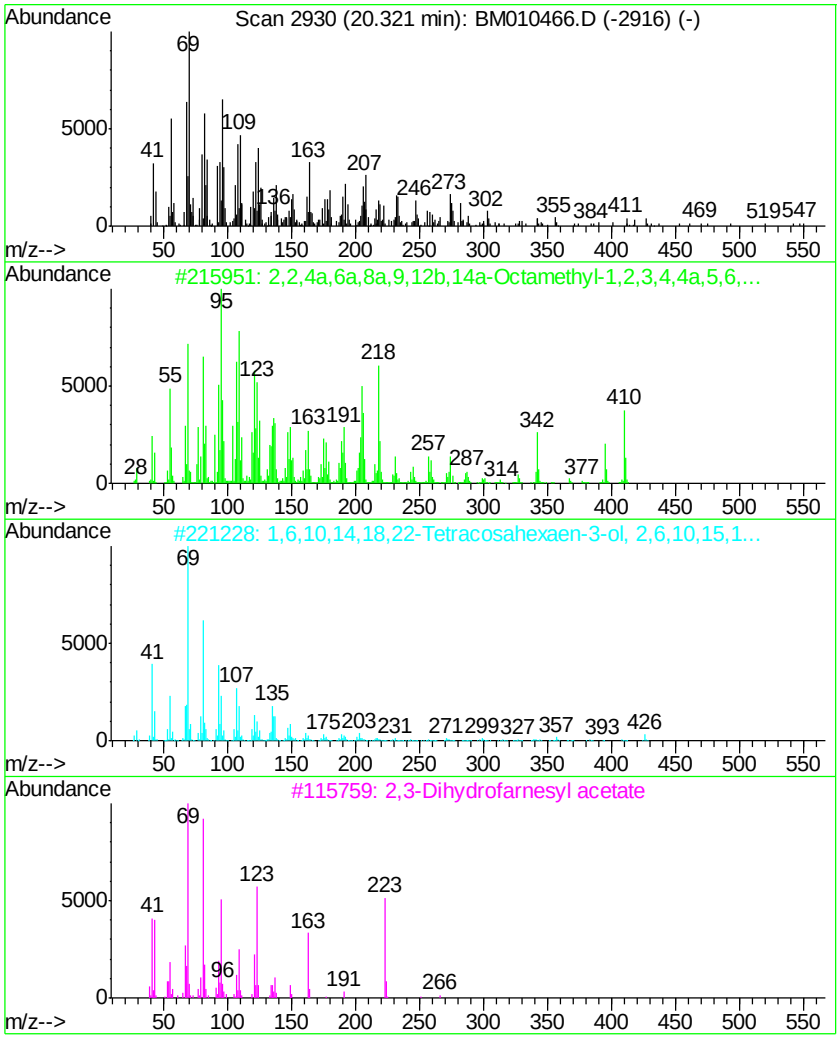
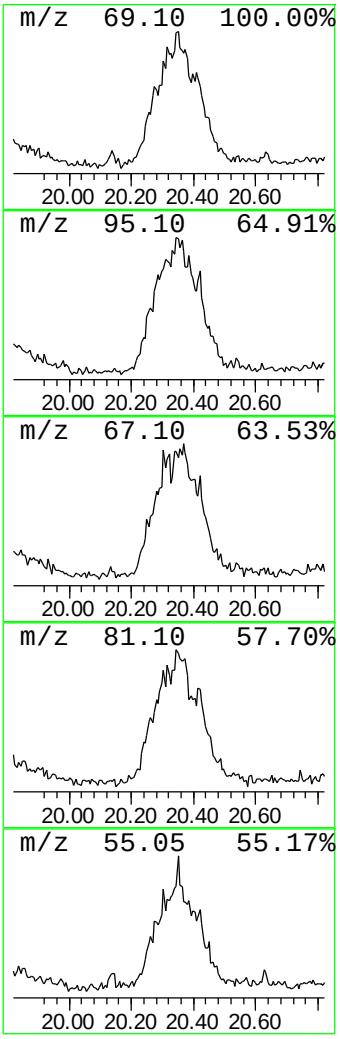
Peak Number 3 2,2,4a,6a,8a,9,12b,14a-Octa... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	6.94 ng/ul	1866520	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4a,6a,8a,9,12b,14a-Octamethy...	410	C30H50	053013-35-7	55
2	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	55
3	2,3-Dihydrofarnesyl acetate	266	C17H30O2	1000374-10-0	49
4	d-Norandrostane (5.alpha.,14.alp...	246	C18H30	1000281-13-8	46
5	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	41





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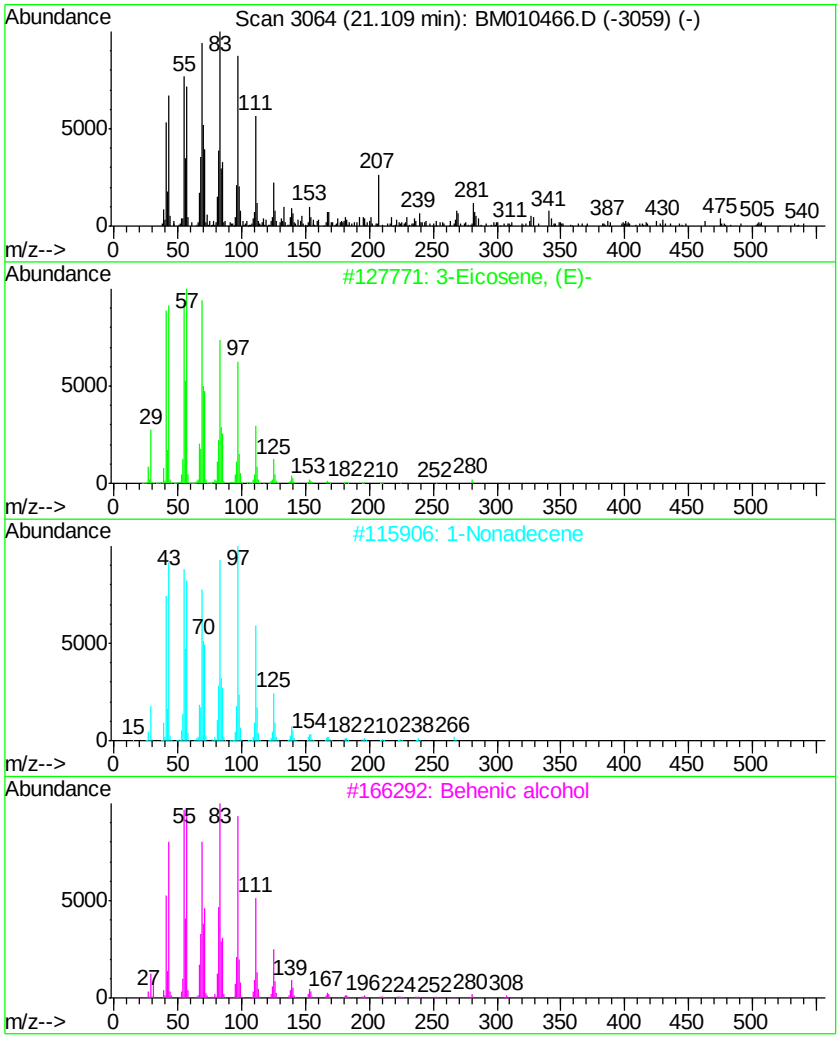
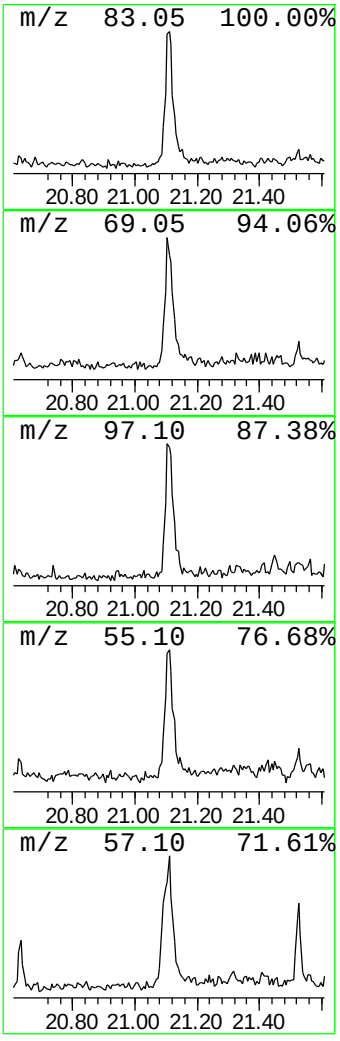
Peak Number 4 (DEL) Alkane: Cyclic21.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	3.02 ng/ul	810606	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	1-Docosene	308	C22H44	001599-67-3	92





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Quant Title : SVOA CALIBRATION

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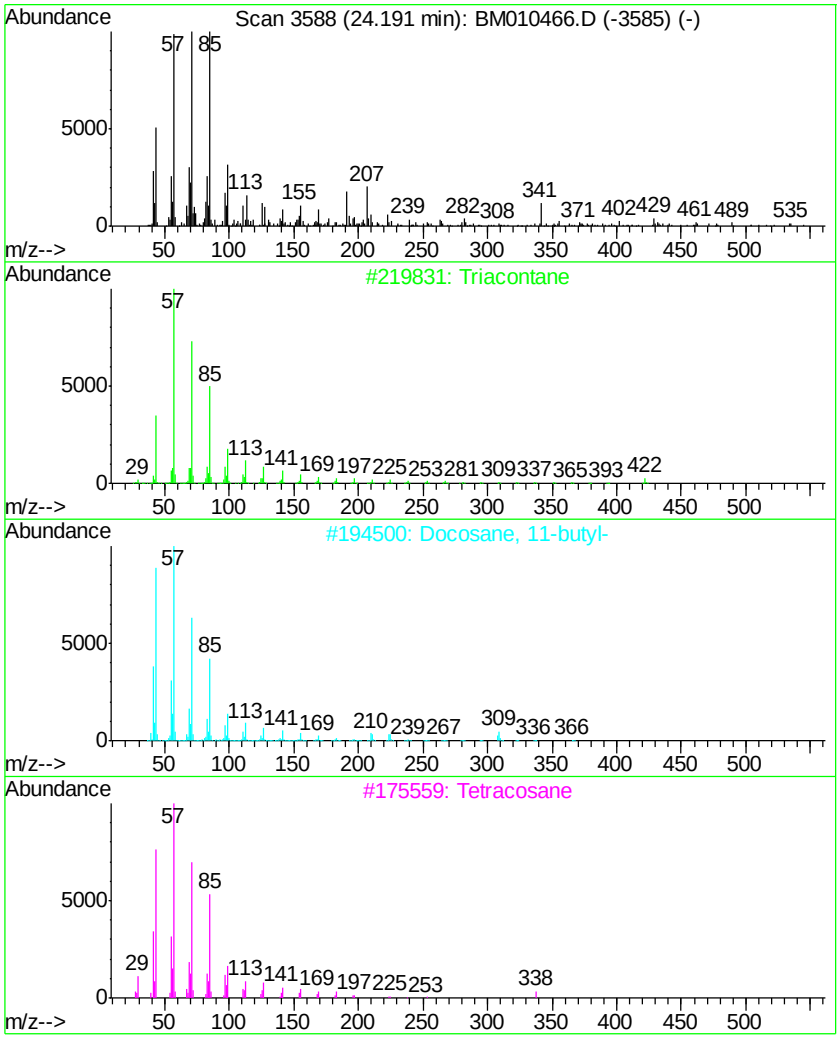
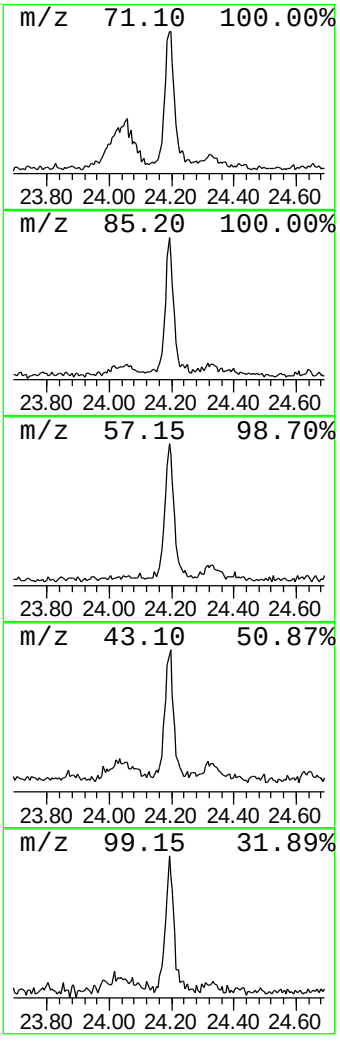
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	4.26 ng/ul	984719	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	74
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Octadecane	254	C18H38	000593-45-3	64
5	Eicosane	282	C20H42	000112-95-8	55





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.13	5.8	ng/ul	1406230	4	17.29	4883240	20.0
Octadecanoic acid	19.40	2.0	ng/ul	538991	5	21.45	5375450	20.0
2,2,4a,6a,8a,9,12...	20.32	6.9	ng/ul	1866520	5	21.45	5375450	20.0
(DEL) Alkane: Cyc...	21.11	3.0	ng/ul	810606	5	21.45	5375450	20.0
(DEL) Alkane: Str...	24.19	4.3	ng/ul	984719	6	23.79	4618590	20.0