LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013373.D
Acq On : 13 Dec 2017 14:49
Operator : SJ/JU
Sample : I6776-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A53

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-BM113017.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	6.863	635	642	654	rBV2	371596	700122	12.48%	1.251%
2	7.028	663	670	676	rBV	267262	422423	7.53%	0.755%
3	7.222	696	703	712	rBV	370181	610943	10.89%	1.092%
4	7.686	775	782	789	rVB	578243	934167	16.66%	1.670%
5	8.392	896	902	911	rVB	452706	753481	13.44%	1.347%
6	8.833	971	977	985	rBV	374105	633804	11.30%	1.133%
7	9.551	1093	1099	1106	rBV	321469	533305	9.51%	0.953%
8	10.086	1183	1190	1199	rBV	488385	842807	15.03%	1.506%
9	10.463	1247	1254	1260	rBV	828116	1362260	24.29%	2.435%
10	10.604	1271	1278	1287	rBV	261421	482817	8.61%	0.863%
11	13.739	1805	1811	1816	rBV	966383	1330158	23.72%	2.377%
12	13.786	1816	1819	1828	rVB	210603	308930	5.51%	0.552%
13	14.015	1852	1858	1871	rBV2	1081841	1998814	35.64%	3.572%
14	14.233	1890	1895	1900	rBV2	58675	87160	1.55%	0.156%
15	14.327	1903	1911	1918	rBV2	1228225	1929985	34.42%	3.449%
16	14.539	1941	1947	1959	rBV	328705	602539	10.74%	1.077%
17	15.186	2052	2057	2063	rBV3	74442	107457	1.92%	0.192%
18	15.321	2074	2080	2087	rBV	1433264	1983733	35.37%	3.545%
19	15.451	2097	2102	2110	rVB	335641	494723	8.82%	0.884%
20	16.051	2199	2204	2212	rBV4	75714	151751	2.71%	0.271%
21	17.074	2370	2378	2383	rBV2	1837945	2682541	47.84%	4.794%
22	17.115	2383	2385	2389	rVV2	54067	75597	1.35%	0.135%
23	17.174	2389	2395	2399	rVV2	1668856	2409298	42.96%	4.306%
24	17.203	2399	2400	2406	rVV	214127	249377	4.45%	0.446%
25	17.392	2427	2432	2438	rVB2	79691	123193	2.20%	0.220%
26	17.980	2527	2532	2542	rBV2	331442	464872	8.29%	0.831%
27	18.074	2545	2548	2553	rVV2	39627	67994	1.21%	0.122%
28	18.151	2557	2561	2570	rVB8	36114	69973	1.25%	0.125%
29	19.015	2702	2708	2715	rBV4	60226	109294	1.95%	0.195%
30	19.139	2720	2729	2734	rBV	458144	760253	13.56%	1.359%
31	19.262	2746	2750	2760	rBV4	229032	428821	7.65%	0.766%
32	19.409	2772	2775	2780	rVB5	45059	67678	1.21%	0.121%
33	19.474	2780	2786	2789	rBV	2211306	3340113	59.56%	5.969%
34	19.574	2799	2803	2812	rVB4	47799	90634	1.62%	0.162%

LSC Area Percent Report

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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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	19.821	2840	2845	2846	rBV2	115239	137713	2.46%	0.246%
36	19.921	2858	2862	2865	rBV3	58267	72469	1.29%	0.130%
37	19.962	2865	2869	2870	rBV3	120893	143913	2.57%	0.257%
38	20.097	2889	2892	2895	rVB2	66577	75047	1.34%	0.134%
39	20.150	2896	2901	2906	rBV2	161042	287050	5.12%	0.513%
40	20.292	2922	2925	2929	rVV	133191	173259	3.09%	0.310%
41	20.339	2930	2933	2938	rVB3	72441	118609	2.12%	0.212%
42	20.456	2950	2953	2958	rVB2	106509	140426	2.50%	0.251%
43	20.744	2999	3002	3009	rBV	166454	233734	4.17%	0.418%
44	20.909	3028	3030	3034	rVB	134296	146141	2.61%	0.261%
45	20.950	3034	3037	3039	rVV	116702	128097	2.28%	0.229%
46	20.986	3039	3043	3049	rVV	734759	951407	16.97%	1.700%
47	21.044	3050	3053	3060	rVB	130878	192090	3.43%	0.343%
48	21.268	3083	3091	3095	rBV2	3260968	5607882	100.00%	10.022%
49	21.303	3095	3097	3104	rVB	775602	904559	16.13%	1.617%
50	21.427	3114	3118	3123	rBV6	132156	281011	5.01%	0.502%
51	21.568	3138	3142	3148	rBV2	133872	260858	4.65%	0.466%
52	21.627	3149	3152	3156	rBV4	98595	122107	2.18%	0.218%
53	21.815	3177	3184	3188	rBV2	230624	421585	7.52%	0.753%
54	21.868	3189	3193	3199	rVB3	249720	430834	7.68%	0.770%
55	22.009	3214	3217	3220	rBV2	130117	159198	2.84%	0.285%
56	22.827	3350	3356	3361	rBV	1899599	4019379	71.67%	7.183%
57	22.997	3380	3385	3390	rBV	379673	616887	11.00%	1.102%
58	23.303	3431	3437	3441	rBV	980638	1790919	31.94%	3.201%
59	23.356	3441	3446	3450	rVV2	1578273	2956580	52.72%	5.284%
60	23.397	3450	3453	3459	rVB	1031978	1627000	29.01%	2.908%
61	23.491	3462	3469	3475	rBV	1711612	3373216	60.15%	6.028%
62	24.027	3555	3560	3568	rVB2	304761	586932	10.47%	1.049%
63	25.726	3841	3849	3861	rVB3	613025	1780064	31.74%	3.181%
64	26.409	3959	3965	3975	rVB3	355510	1004596	17.91%	1.795%

Sum of corrected areas: 55954579

LSC Report - Integrated Chromatogram

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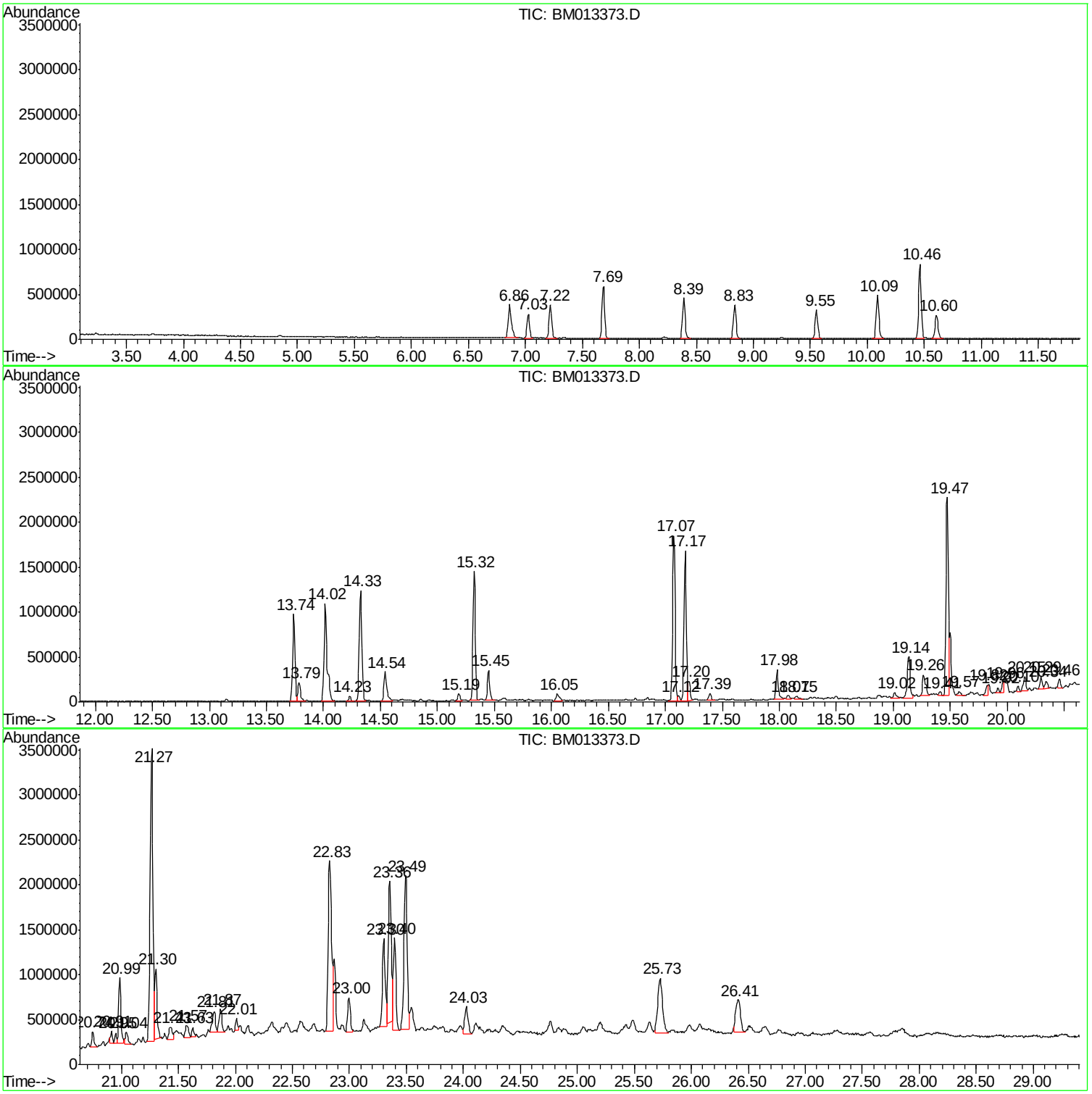
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A53

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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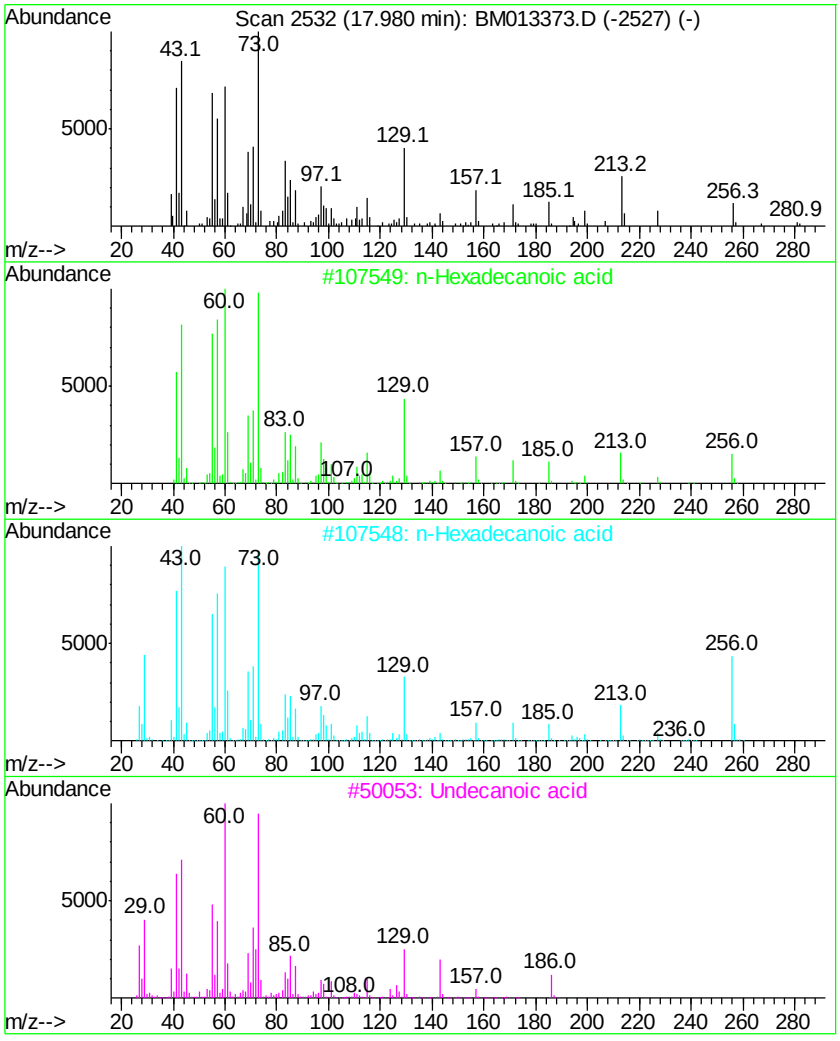
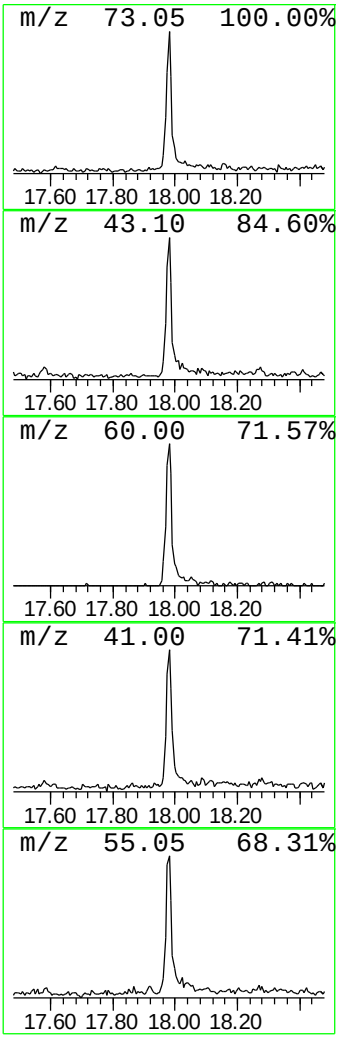
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.47 ng/ul	464872	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Undecanoic acid	186	C11H22O2	000112-37-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F9A53

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

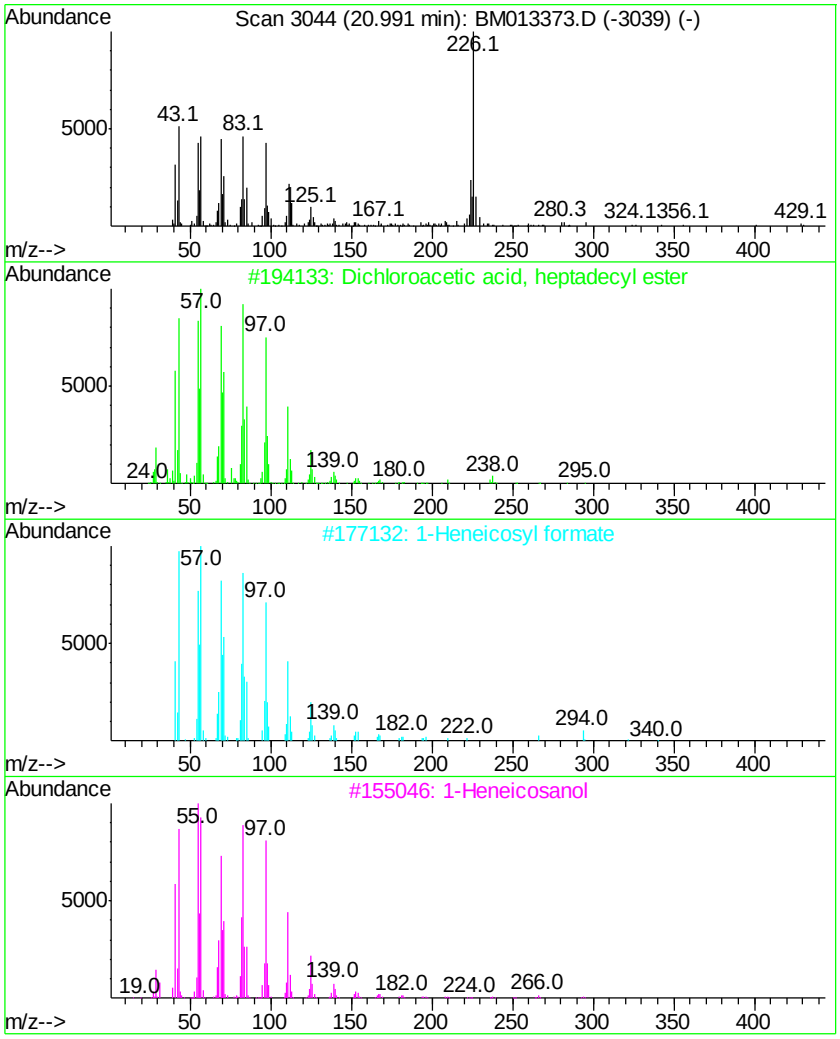
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

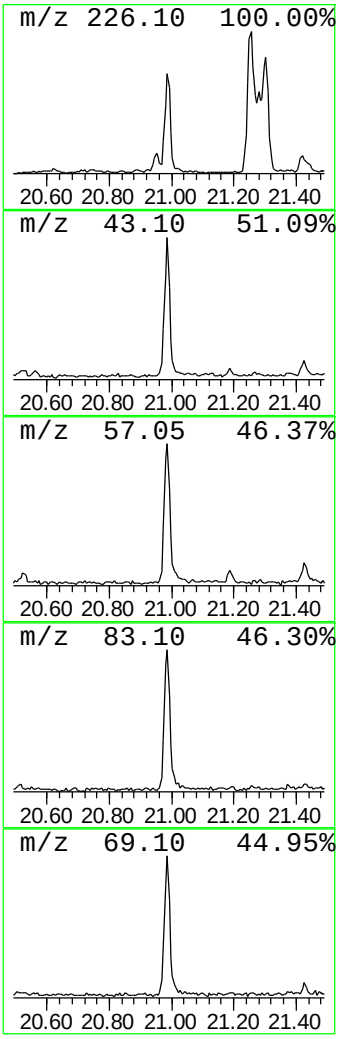
****

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.39 ng/ul	951407	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	86
3	1-Heneicosanol	312	C21H44O	015594-90-8	83
4	1-Heptacosanol	396	C27H56O	002004-39-9	64
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	64





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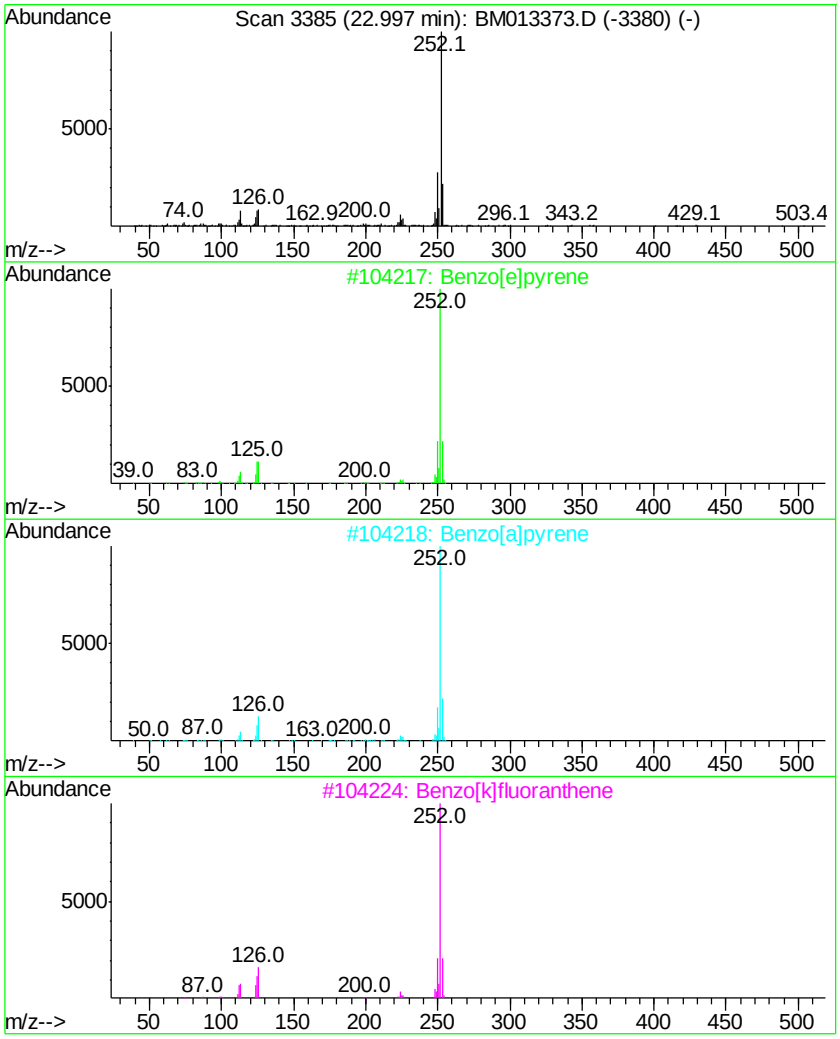
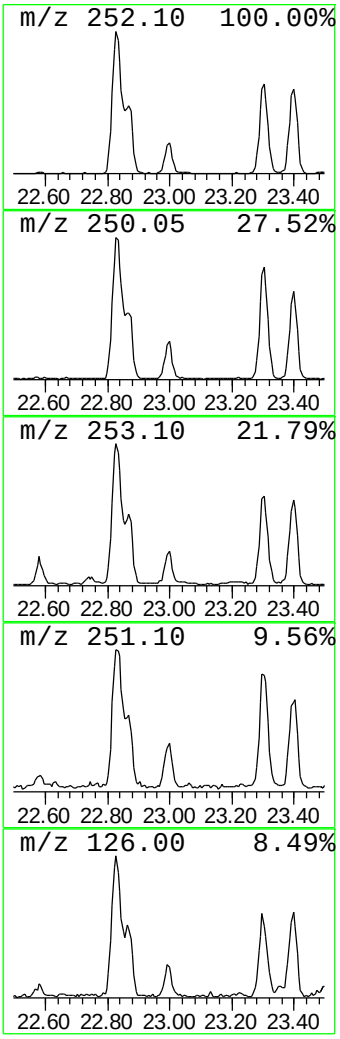
Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	3.66 ng/ul	616887	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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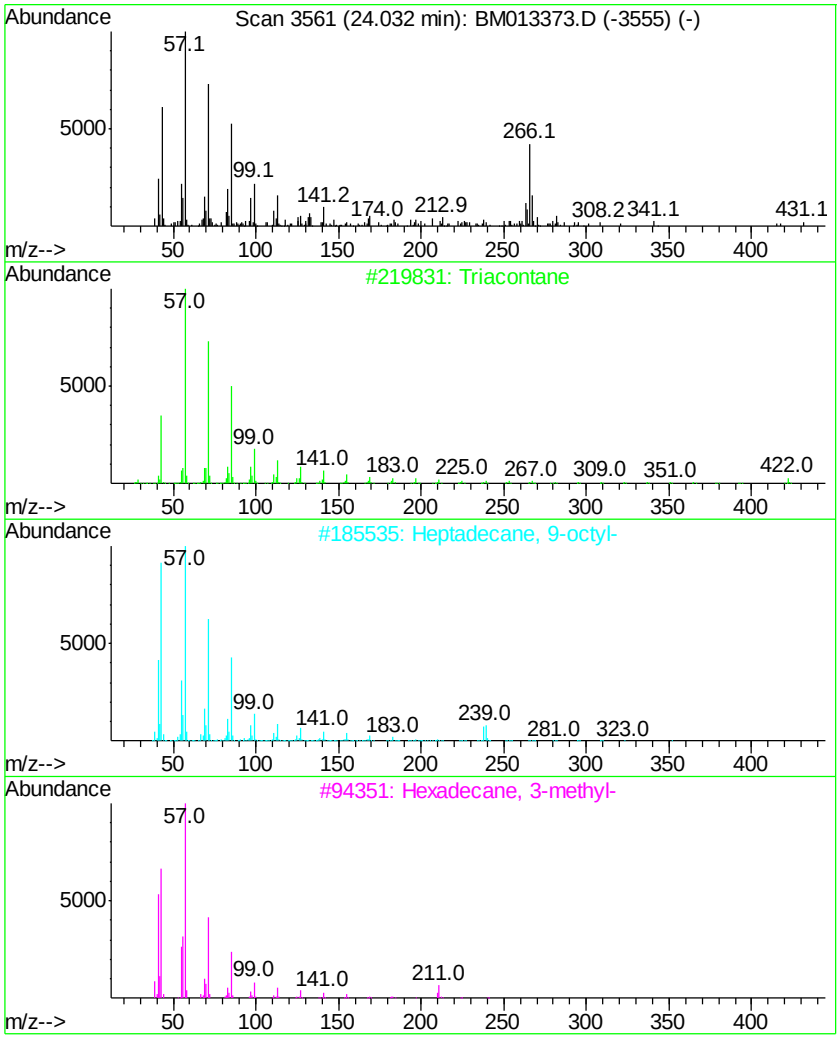
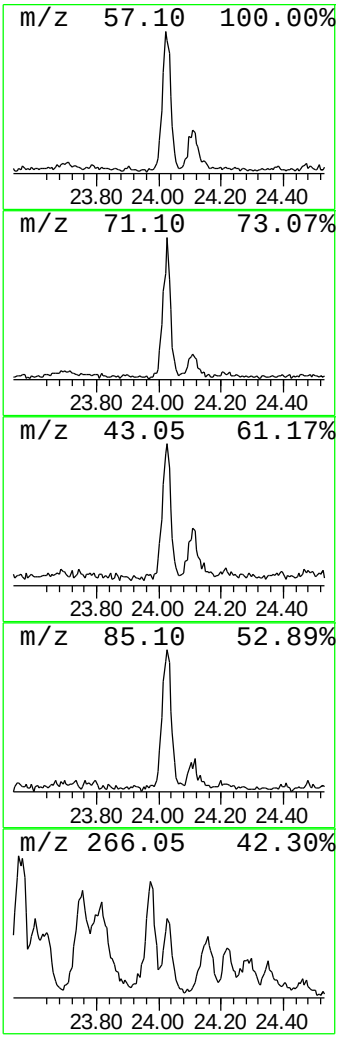
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.48 ng/ul	586932	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	52
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	47
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
5	Octadecane	254	C18H38	000593-45-3	42





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	3.5	ng/ul	464872	4	17.07	2682540	20.0
Dichloroacetic ac...	20.99	3.4	ng/ul	951407	5	21.27	5607880	20.0
Benzo[e]pyrene	23.00	3.7	ng/ul	616887	6	23.49	3373220	20.0
(DEL) Alkane: Str...	24.03	3.5	ng/ul	586932	6	23.49	3373220	20.0