LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A94

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	3.222	20	23	29	rVB2	76811	109922	1.38%	0.095%
2	3.728	105	109	114	rVB	74084	100460	1.26%	0.087%
3	4.834	292	297	306	rVB	142563	219852	2.75%	0.191%
4	6.857	632	641	656	rBV	1922456	3315748	41.51%	2.879%
5	7.022	662	669	678	rBV	1381877	2132548	26.70%	1.851%
6	7.210	694	701	712	rBV	1951976	3047474	38.15%	2.646%
7	7.675	773	780	787	rBV	1305853	2057993	25.76%	1.787%
8	8.387	893	901	911	rBV	2508565	3931437	49.22%	3.413%
9	8.834	968	977	984	rBV	1891458	3094610	38.74%	2.687%
10	9.234	1040	1045	1051	rVB2	62866	88721	1.11%	0.077%
11	9.545	1090	1098	1111	rBV	1657019	2772206	34.70%	2.407%
12	10.081	1181	1189	1202	rBV	2509611	4158763	52.06%	3.610%
13	10.451	1244	1252	1259	rBV	1845008	3076833	38.52%	2.671%
14	10.598	1269	1277	1293	rBV	1746564	3099353	38.80%	2.691%
15	11.986	1504	1513	1519	rBV2	139568	275727	3.45%	0.239%
16	13.733	1804	1810	1815	rBV	4028522	5773101	72.27%	5.012%
17	13.780	1815	1818	1825	rVB	844706	1104353	13.83%	0.959%
18	14.010	1846	1857	1870	rBV	4889049	7801395	97.66%	6.773%
19	14.221	1888	1893	1898	rVB	59910	87556	1.10%	0.076%
20	14.321	1901	1910	1918	rBV2	2477656	3929842	49.20%	3.412%
21	14.539	1940	1947	1956	rBV	1575190	2470063	30.92%	2.144%
22	15.180	2052	2056	2063	rVB2	110206	177781	2.23%	0.154%
23	15.316	2072	2079	2086	rBV	5593840	7987998	100.00%	6.935%
24	15.451	2096	2102	2114	rBV	1014108	1496247	18.73%	1.299%
25	15.557	2116	2120	2123	rBV3	75785	118830	1.49%	0.103%
26	16.045	2197	2203	2211	rBV5	161230	334792	4.19%	0.291%
27	16.727	2314	2319	2324	rBV4	90742	137137	1.72%	0.119%
28	16.833	2333	2337	2342	rBV3	78487	96491	1.21%	0.084%
29	17.068	2371	2377	2382	rBV2	2932364	4190920	52.47%	3.638%
30	17.168	2387	2394	2399	rBV2	5456852	7906262	98.98%	6.864%
31	17.574	2460	2463	2469	rVB7	46079	82618	1.03%	0.072%
32	17.974	2526	2531	2540	rBV2	483849	755760	9.46%	0.656%
33	18.074	2545	2548	2553	rVV3	79225	136248	1.71%	0.118%
34	18.145	2555	2560	2569	rVB3	133696	273557	3.42%	0.237%

LSC Area Percent Report

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Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A94

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

35	18.862	2678	2682	2687	rBV3	83792	158463	1.98%	0.138%
36	19.009	2703	2707	2713	rBV	204589	327805	4.10%	0.285%
37	19.133	2720	2728	2734	rVB	1212388	1762864	22.07%	1.530%
38	19.256	2746	2749	2751	rBV	216071	251376	3.15%	0.218%
39	19.468	2779	2785	2788	rBV	5404827	7589668	95.01%	6.589%
40	19.498	2788	2790	2798	rVB	1905466	2168418	27.15%	1.882%
41	19.733	2828	2830	2835	rVB3	103118	135290	1.69%	0.117%
42	19.821	2841	2845	2850	rBV3	189202	399576	5.00%	0.347%
43	19.909	2857	2860	2863	rBV2	96011	122415	1.53%	0.106%
44	19.986	2864	2873	2878	rVB3	240637	703672	8.81%	0.611%
45	20.092	2889	2891	2894	rVB	98906	86140	1.08%	0.075%
46	20.150	2896	2901	2905	rVB2	245137	397983	4.98%	0.346%
47	20.292	2921	2925	2929	rBV	245242	314299	3.93%	0.273%
48	20.333	2929	2932	2937	rVB	168316	252999	3.17%	0.220%
49	20.450	2949	2952	2957	rVB3	136326	179299	2.24%	0.156%
50	20.745	2998	3002	3009	rVB	188655	285261	3.57%	0.248%
51	20.945	3034	3036	3038	rBV	117045	98603	1.23%	0.086%
52	20.980	3038	3042	3047	rVB3	540940	682043	8.54%	0.592%
53	21.262	3083	3090	3094	rBV2	2727246	4817079	60.30%	4.182%
54	21.297	3094	3096	3103	rVB	774909	929064	11.63%	0.807%
55	21.415	3113	3116	3122	rBV3	184263	339474	4.25%	0.295%
56	22.821	3349	3355	3360	rBV	1391055	3041893	38.08%	2.641%
57	22.991	3380	3384	3391	rVB	383660	598805	7.50%	0.520%
58	23.297	3431	3436	3439	rBV	684222	1169743	14.64%	1.016%
59	23.350	3439	3445	3449	rVV2	2596105	4797893	60.06%	4.165%
60	23.391	3449	3452	3459	rVB	1115520	1785040	22.35%	1.550%
61	23.486	3462	3468	3473	rBV	1314859	2446765	30.63%	2.124%
62	25.715	3840	3847	3857	rVB2	620115	1803139	22.57%	1.565%
63	26.397	3958	3963	3974	rVB2	423065	1200988	15.03%	1.043%

Sum of corrected areas: 115188655

LSC Report - Integrated Chromatogram

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Data File : BM013476.D
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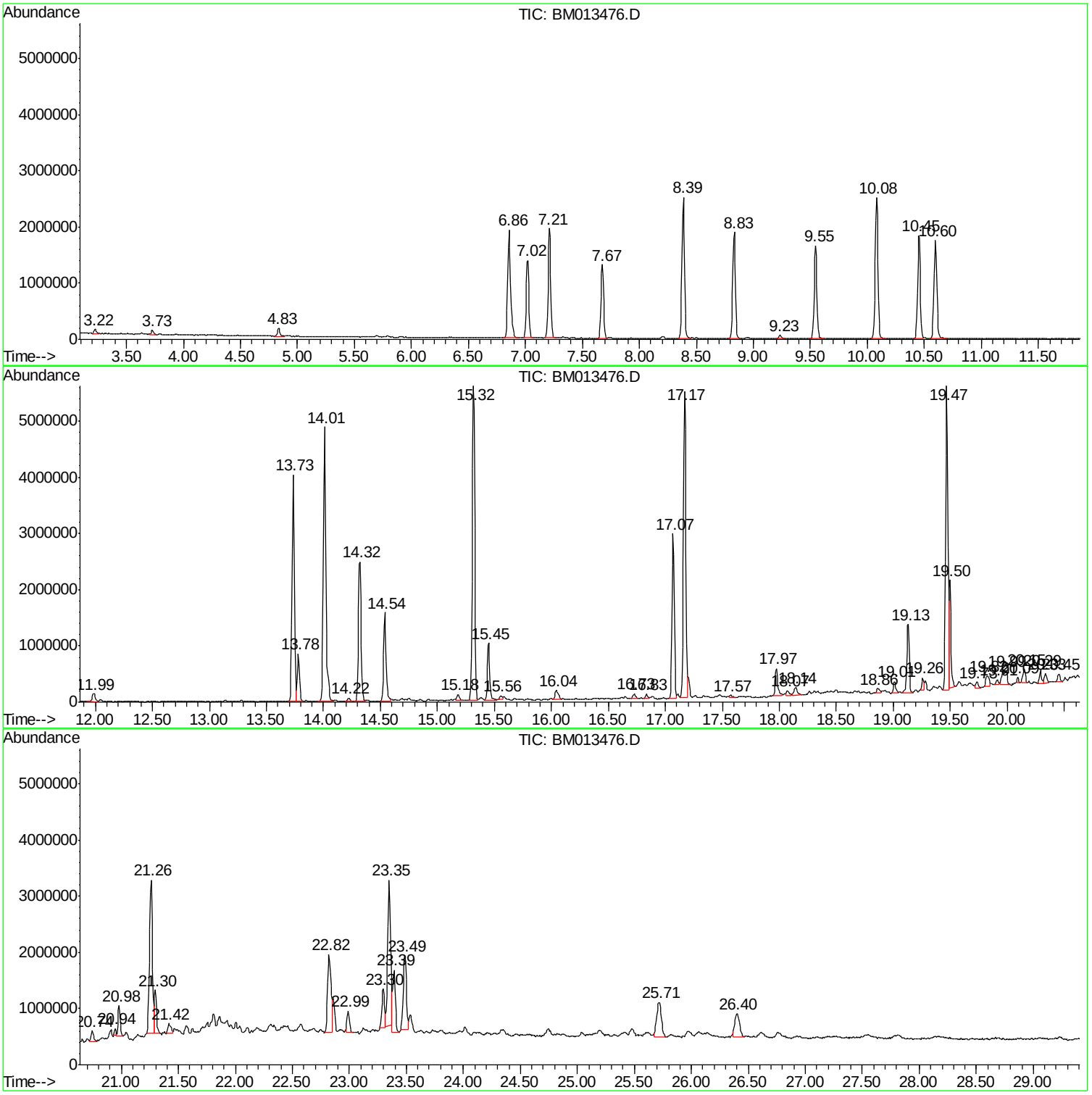
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A94

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



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Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A94

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

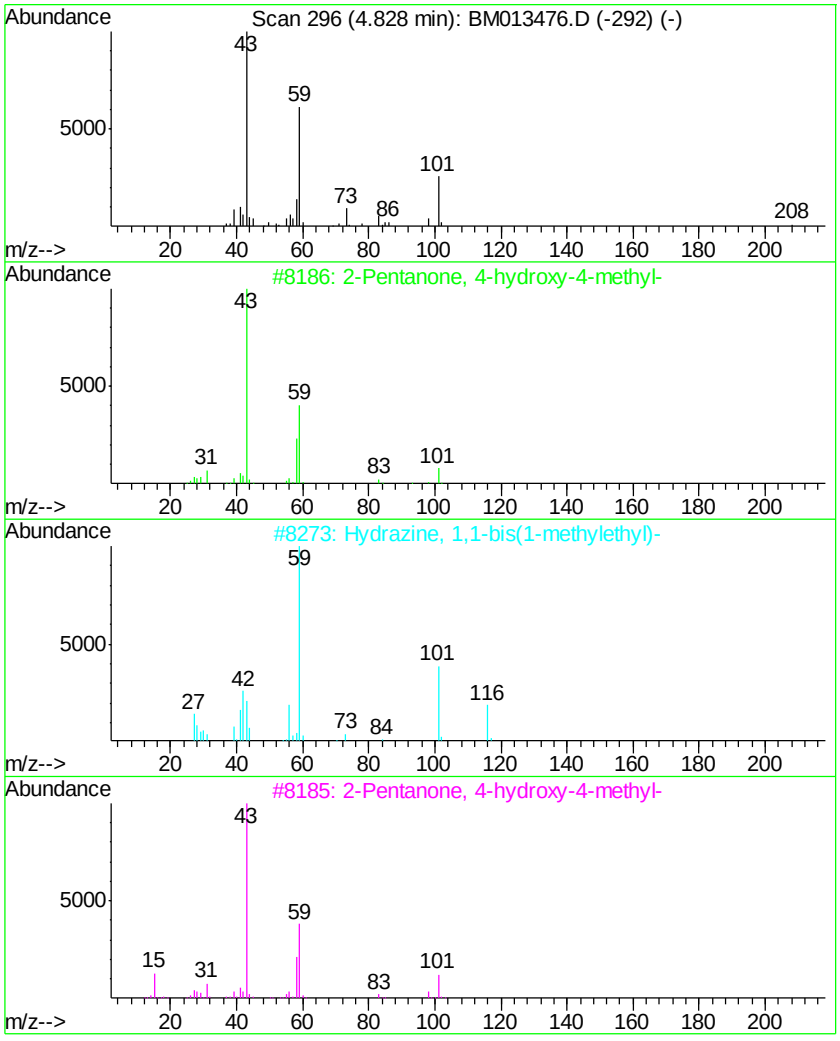
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

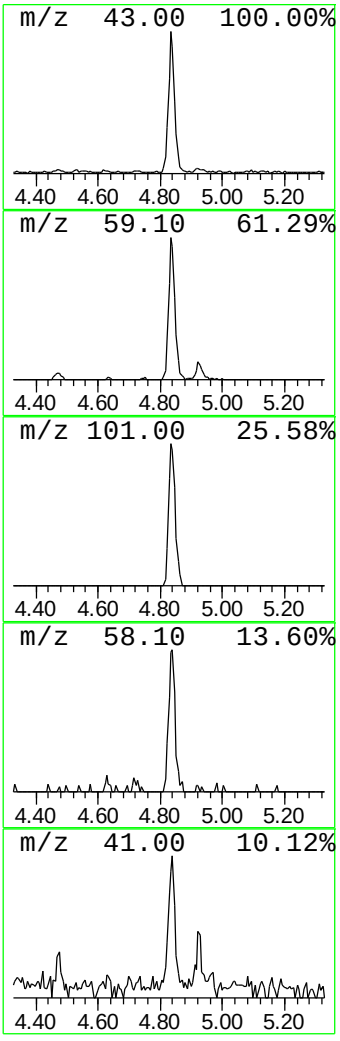
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.14 ng/ul	219852	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
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Operator : SJ/JU
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A94

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

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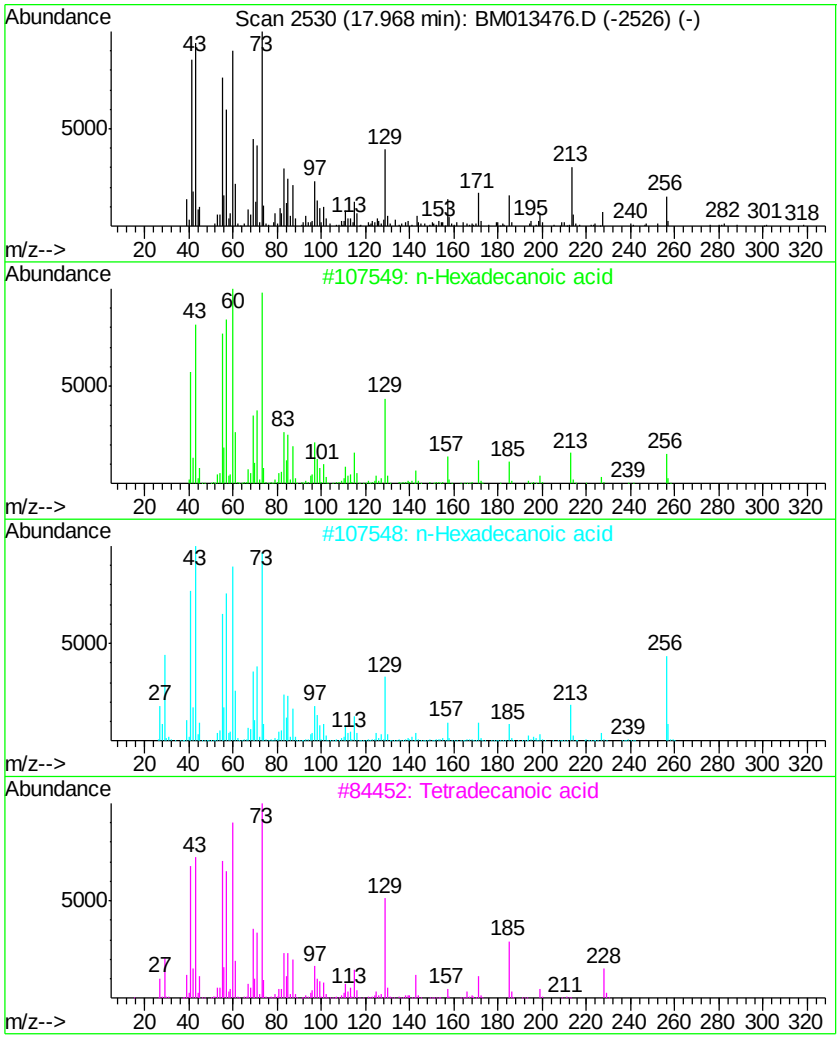
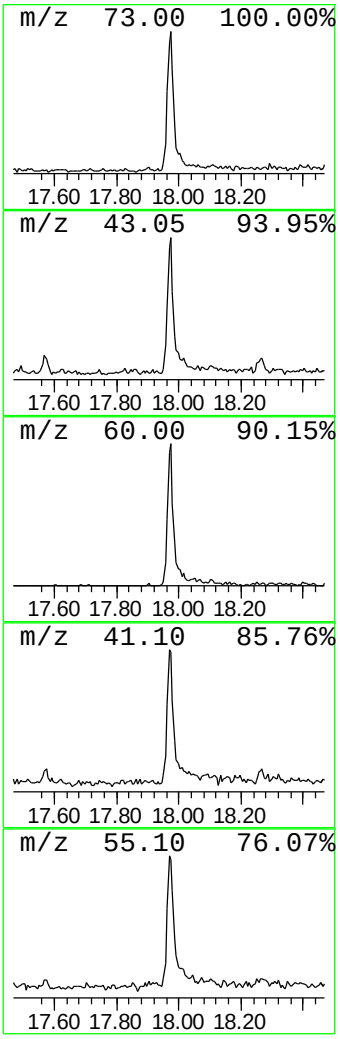
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.61 ng/ul	755760	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
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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

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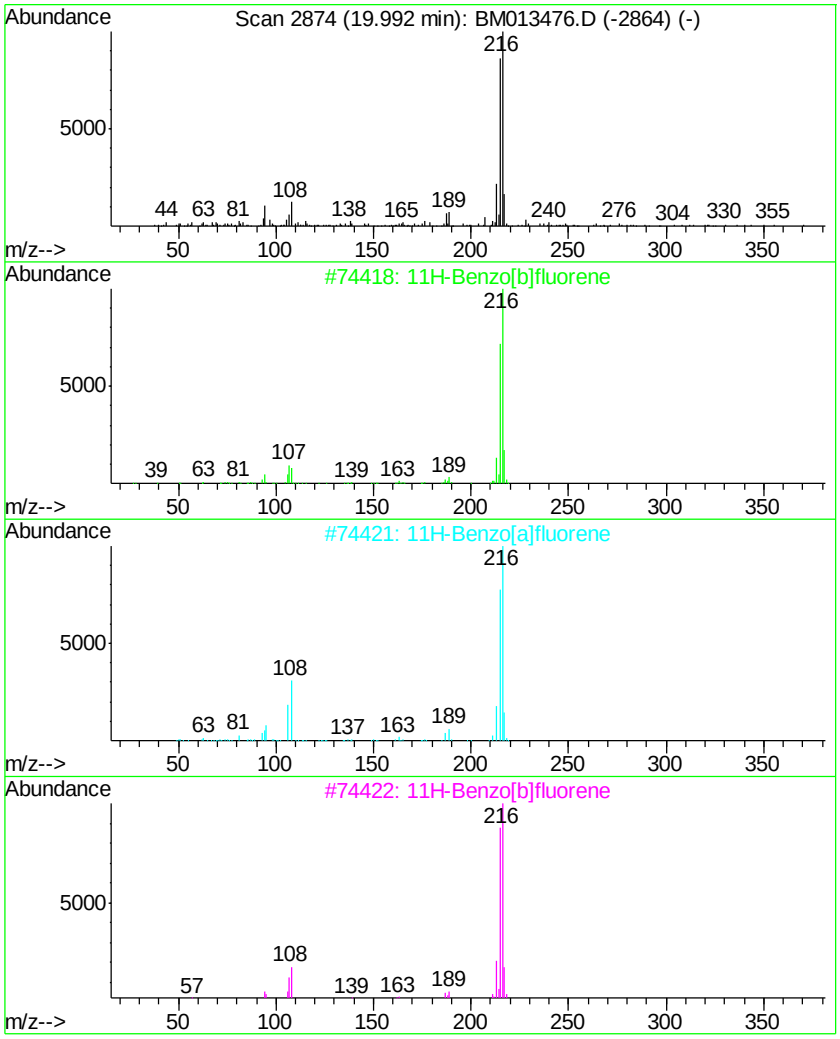
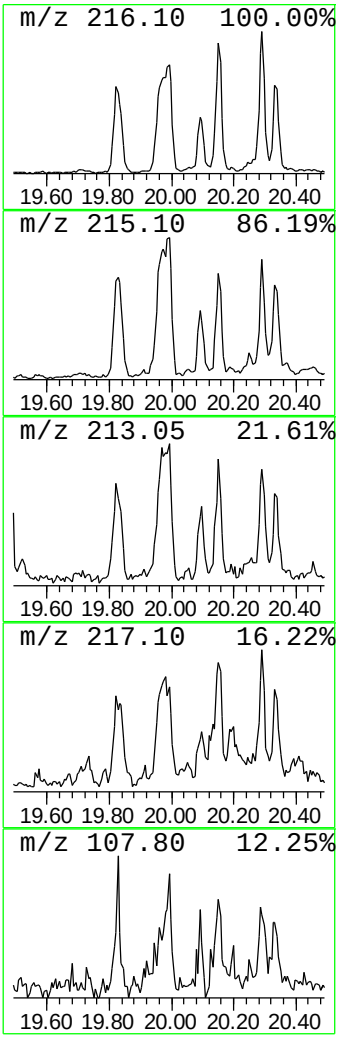
Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.92 ng/ul	703672	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A94

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

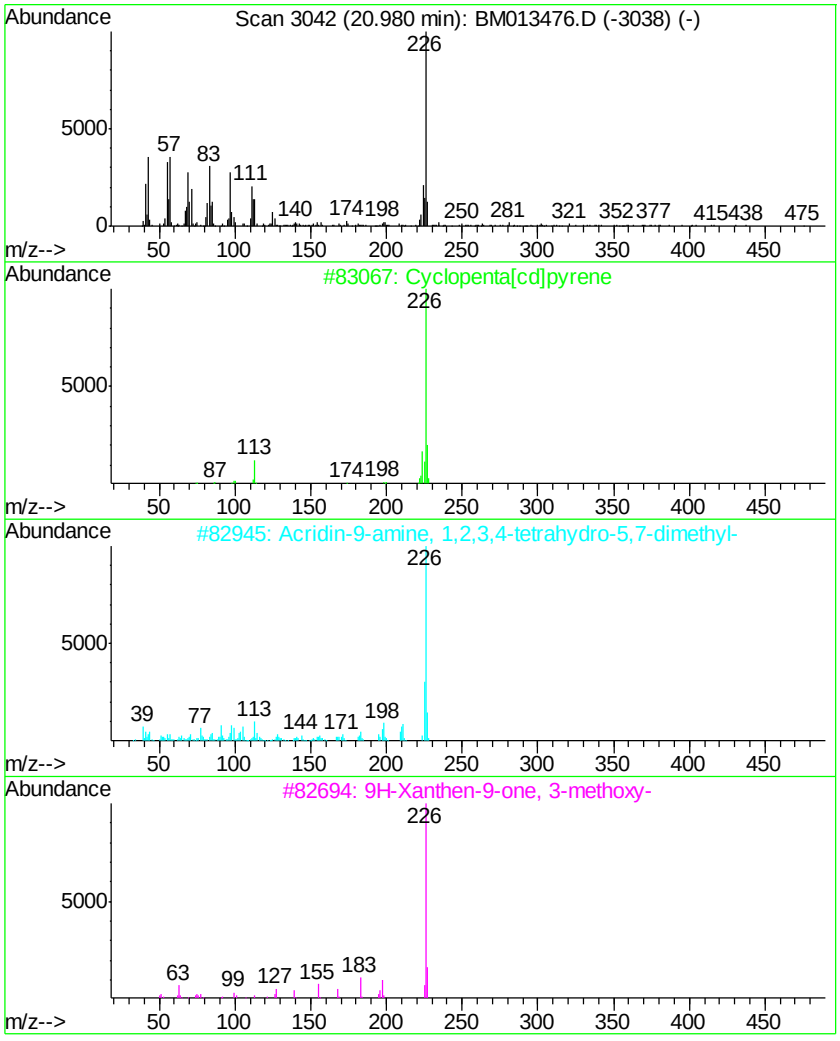
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

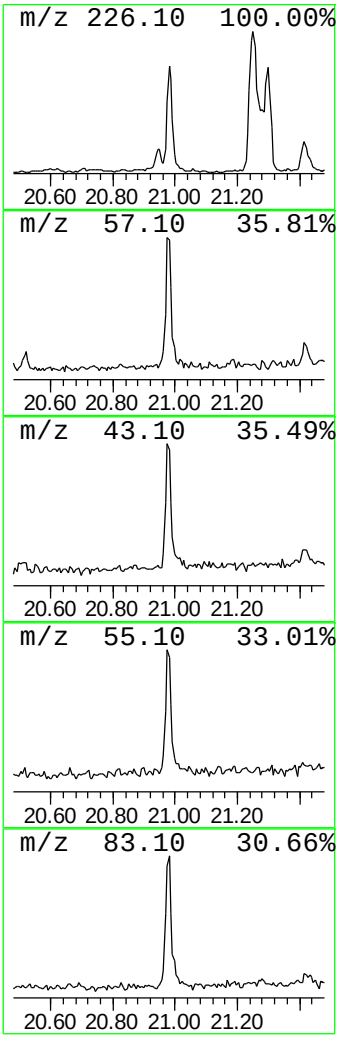
****

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.83 ng/ul	682043	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	38
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	35
4	Anthralin	226	C14H10O3	001143-38-0	35
5	Anthralin	226	C14H10O3	001143-38-0	35





Library Search Compound Report

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Misc :
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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

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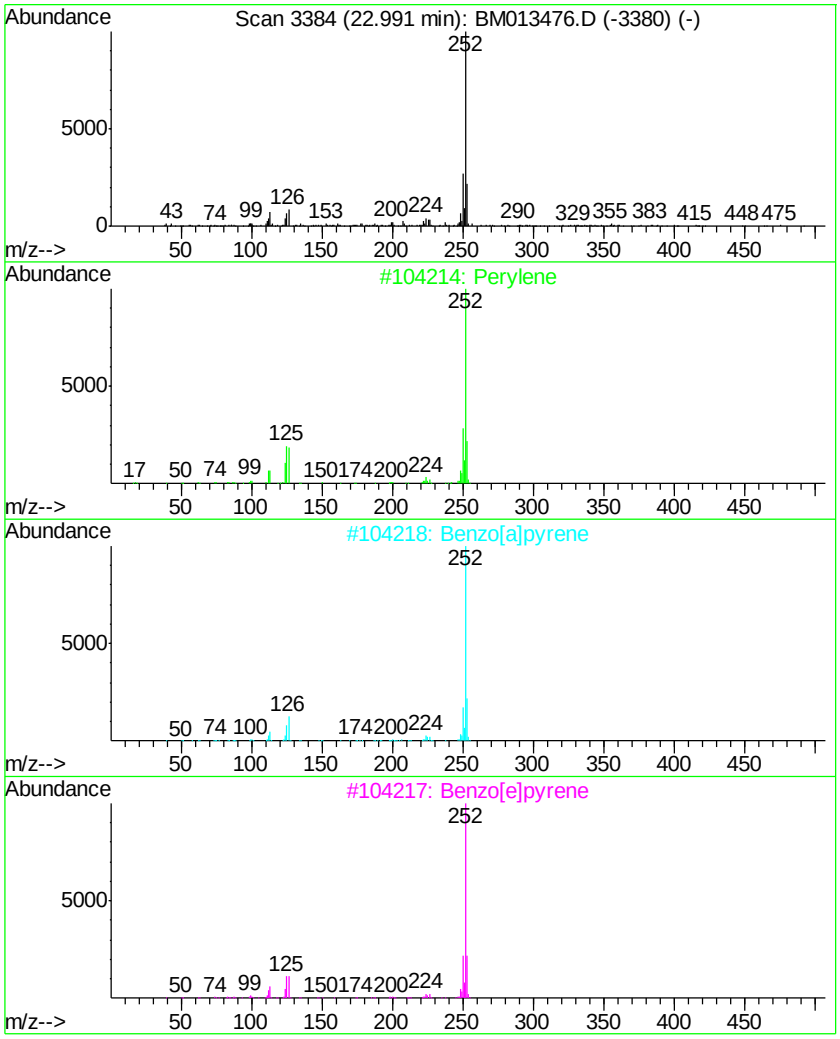
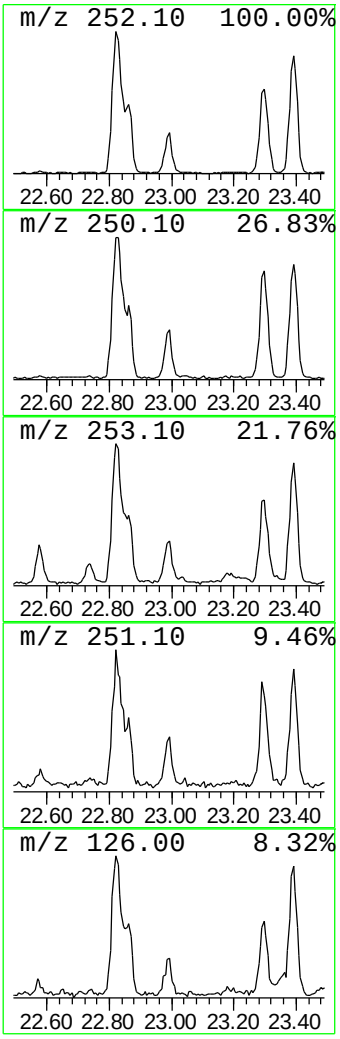
Peak Number 5 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	4.89 ng/ul	598805	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	86
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74





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
2-Pentanone, 4-hy...	4.83	2.1	ng/ul	219852	1	7.67	2057990	20.0
n-Hexadecanoic acid	17.97	3.6	ng/ul	755760	4	17.07	4190920	20.0
11H-Benzo[b]fluorene	19.99	2.9	ng/ul	703672	5	21.26	4817080	20.0
unknown-01	20.98	2.8	ng/ul	682043	5	21.26	4817080	20.0
Perylene	22.99	4.9	ng/ul	598805	6	23.49	2446770	20.0