LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030102.D
Acq On : 20 May 2021 22:46
Operator : CG/JU
Sample : M2465-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARK2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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	3.040	23	26	36	rVB3	18349	31298	0.94%	0.097%
2	3.746	143	146	152	rVB2	9894	14420	0.43%	0.045%
3	4.263	230	234	240	rVB5	9603	17007	0.51%	0.053%
4	5.928	515	517	523	rVB6	3020	4635	0.14%	0.014%
5	6.710	645	650	666	rBV	76140	191273	5.76%	0.591%
6	6.863	670	676	690	rBV	364571	667733	20.11%	2.062%
7	7.051	702	708	721	rBV	428450	784349	23.62%	2.423%
8	7.510	780	786	800	rBV	494868	848975	25.57%	2.622%
9	8.234	903	909	926	rBV	257892	533897	16.08%	1.649%
10	8.669	977	983	1002	rBV	483255	925033	27.86%	2.857%
11	9.075	1049	1052	1057	rVB5	3985	5039	0.15%	0.016%
12	9.387	1098	1105	1123	rBV	402677	785601	23.66%	2.426%
13	9.922	1190	1196	1226	rBV	399933	1044632	31.46%	3.226%
14	10.281	1250	1257	1270	rBV	717745	1238603	37.30%	3.826%
15	10.498	1289	1294	1295	rBV3	6308	9527	0.29%	0.029%
16	11.910	1530	1534	1543	rBV4	6118	13346	0.40%	0.041%
17	12.504	1630	1635	1640	rBV4	5375	8502	0.26%	0.026%
18	12.769	1674	1680	1684	rBV2	7757	13029	0.39%	0.040%
19	13.069	1725	1731	1735	rVB7	3671	5012	0.15%	0.015%
20	13.586	1812	1819	1825	rBV	1251502	1836336	55.30%	5.672%
21	13.633	1825	1827	1836	rVB2	53933	83829	2.52%	0.259%
22	13.851	1857	1864	1878	rBV	1543794	2201352	66.30%	6.799%
23	14.163	1910	1917	1932	rBV	1129225	1659460	49.98%	5.125%
24	14.492	1964	1973	1974	rBV5	8996	19115	0.58%	0.059%
25	14.633	1991	1997	2000	rBV7	2319	3814	0.11%	0.012%
26	14.980	2051	2056	2058	rBV	7153	9325	0.28%	0.029%
27	15.010	2058	2061	2064	rVB	9826	11053	0.33%	0.034%
28	15.163	2080	2087	2098	rBV	1952597	2811791	84.68%	8.684%
29	15.304	2106	2111	2125	rBV	576230	910738	27.43%	2.813%
30	15.404	2125	2128	2135	rVB	22906	40390	1.22%	0.125%
31	15.545	2148	2152	2156	rBV6	3079	4624	0.14%	0.014%
32	15.951	2218	2221	2229	rVB7	5784	10201	0.31%	0.032%
33	16.598	2327	2331	2334	rVB5	2482	3622	0.11%	0.011%
34	16.704	2344	2349	2350	rBV4	4022	5975	0.18%	0.018%

LSC Area Percent Report

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Title : SVOA CALIBRATION

35	16.763	2358	2359	2369	rVB8	3801	5505	0.17%	0.017%
36	16.910	2378	2384	2395	rBV	1230060	1716387	51.69%	5.301%
37	17.010	2395	2401	2417	rBV	2126732	3032259	91.32%	9.365%
38	17.215	2433	2436	2440	rVB4	4617	6977	0.21%	0.022%
39	17.421	2468	2471	2475	rBV4	2815	4316	0.13%	0.013%
40	17.821	2534	2539	2548	rBV2	79780	159584	4.81%	0.493%
41	17.892	2548	2551	2560	rVB	16774	32486	0.98%	0.100%
42	18.121	2587	2590	2593	rVB4	3977	3935	0.12%	0.012%
43	18.621	2673	2675	2678	rBV4	2795	3471	0.10%	0.011%
44	18.751	2695	2697	2701	rBV5	4431	4948	0.15%	0.015%
45	18.951	2727	2731	2735	rBV2	16817	22332	0.67%	0.069%
46	19.115	2755	2759	2765	rBV5	25680	48068	1.45%	0.148%
47	19.198	2770	2773	2778	rVB2	19312	27076	0.82%	0.084%
48	19.309	2786	2792	2803	rBV	2447581	3280992	98.81%	10.134%
49	20.827	3046	3050	3060	rBV	221590	367500	11.07%	1.135%
50	21.103	3092	3097	3110	rBV	1183967	1691307	50.94%	5.224%
51	23.109	3431	3438	3450	rBV	1785187	3320473	100.00%	10.255%
52	23.244	3455	3461	3474	rVB2	865949	1709874	51.49%	5.281%
53	23.739	3543	3545	3553	rVB2	124465	186510	5.62%	0.576%

Sum of corrected areas: 32377536

LSC Report - Integrated Chromatogram

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Misc :
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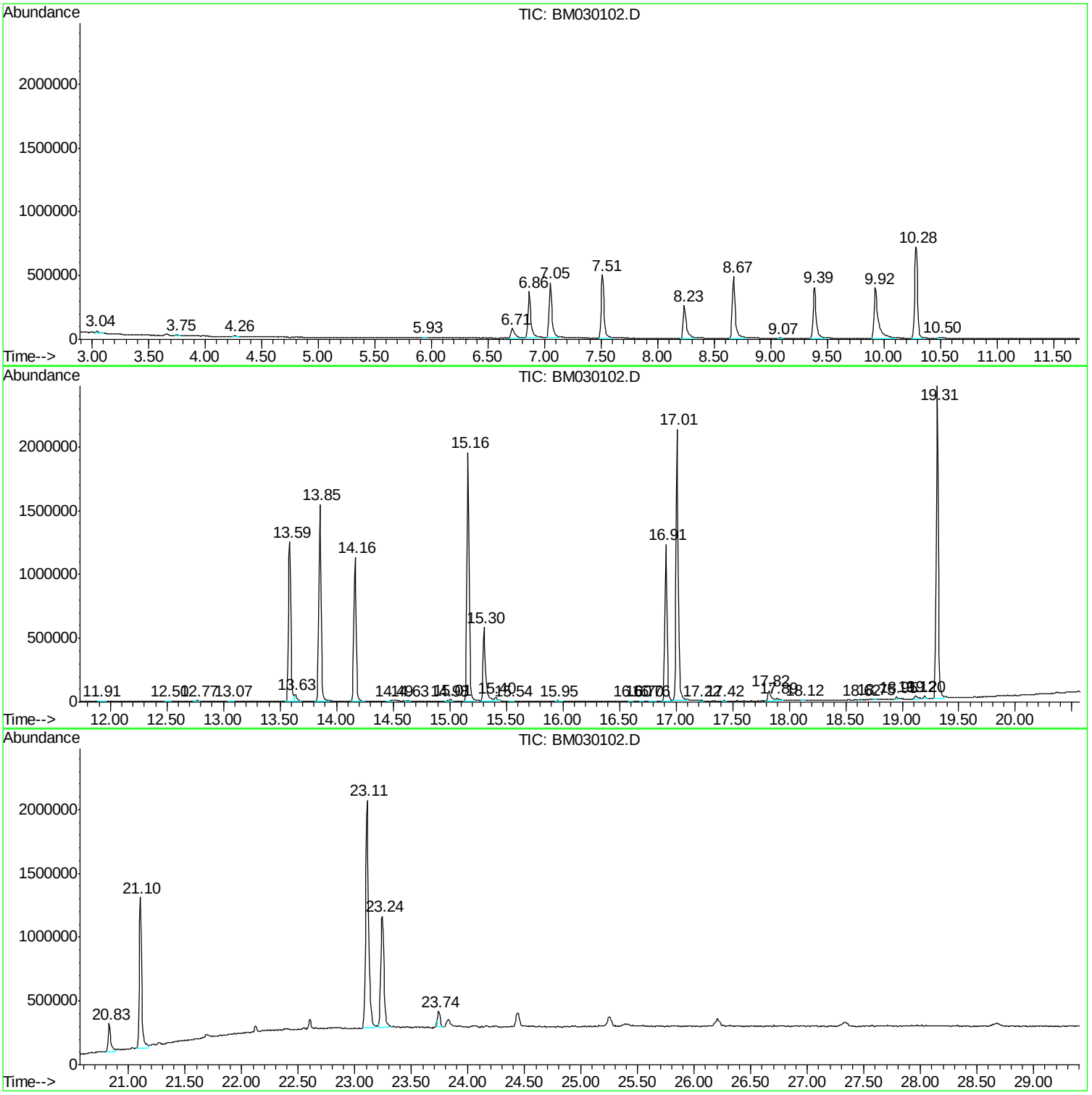
Instrument : BNA_M
ClientSampleId : YARK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Acq On : 20 May 2021 22:46
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Instrument : BNA_M
ClientSampleId : YARK2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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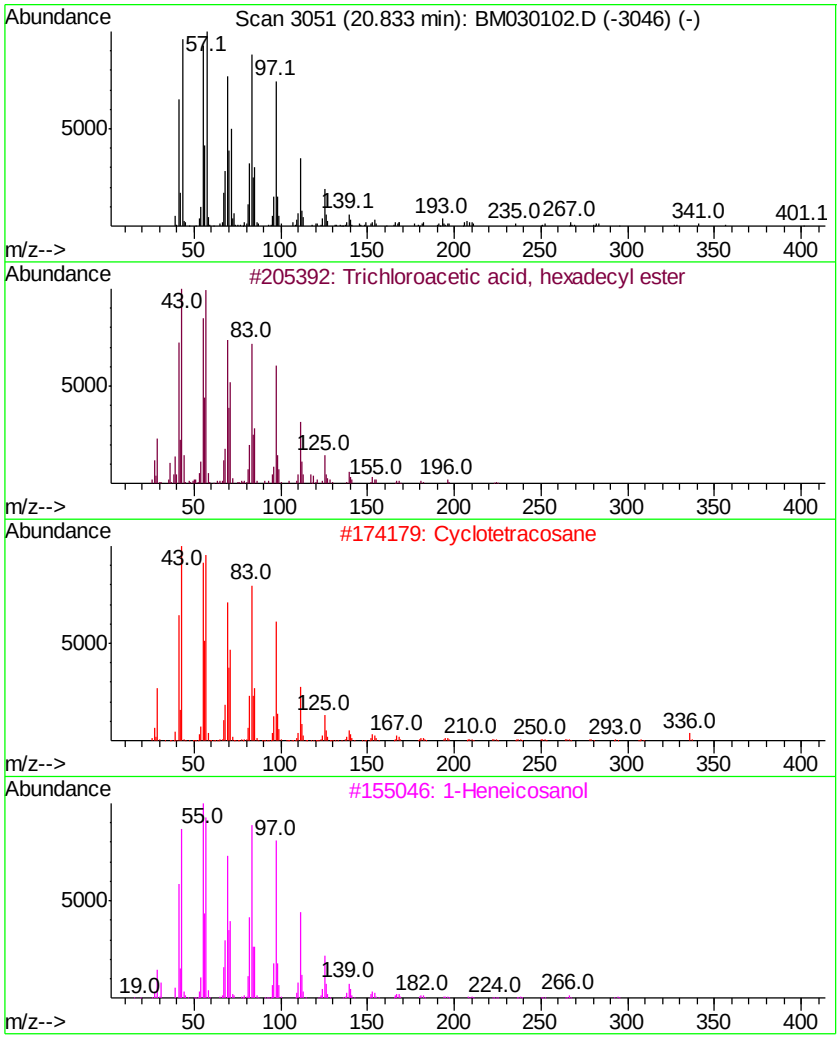
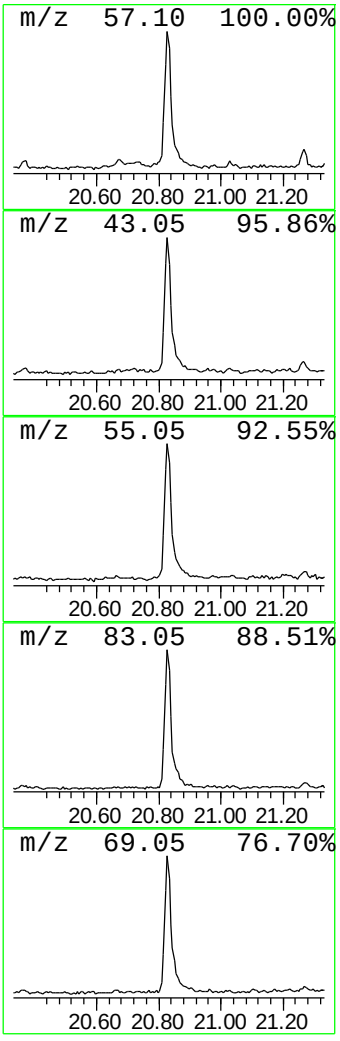
****

Peak Number 1 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.35 ng/ul	367500	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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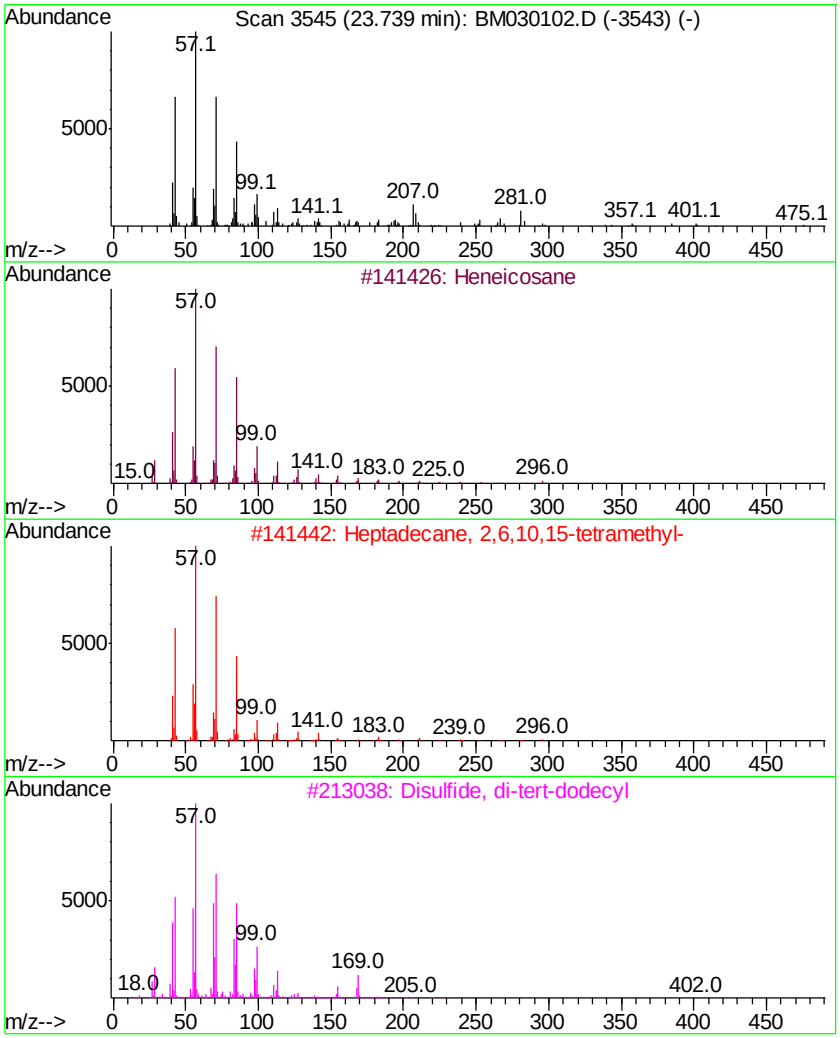
Quant Title : SVOA CALIBRATION

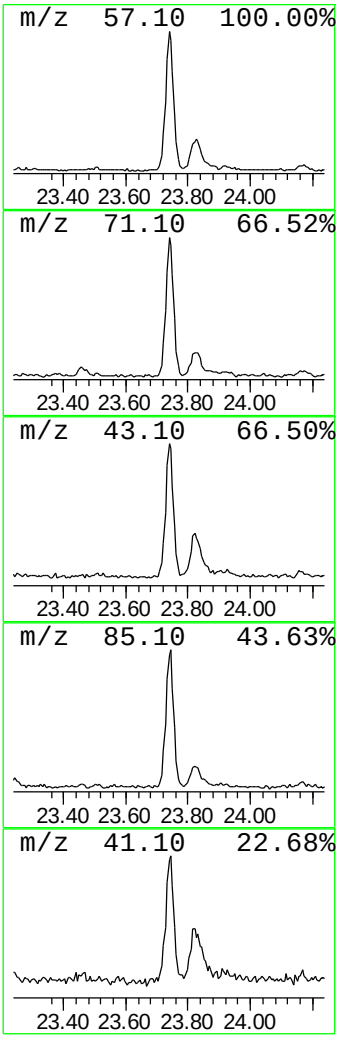
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.18 ng/ul	186510	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	81
4	Hentriacontane	437	C31H64	000630-04-6	72
5	2-methyltetracosane	352	C25H52	1000376-72-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052021\
Data File : BM030102.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
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
Trichloroacetic a...	20.83	4.3	ng/ul	367500	5	21.10	1691310	20.0
(DEL) Alkane: Str...	23.74	2.2	ng/ul	186510	6	23.24	1709870	20.0