LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010821\
Data File : BM028355.D
Acq On : 08 Jan 2021 18:37
Operator : CG/JU
Sample : M1028-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFXQ6

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\SOM-EPA-BM010821MA.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	3.363	26	30	37	rBV	8071	11935	1.12%	0.124%
2	4.069	145	150	153	rVB	1096	1351	0.13%	0.014%
3	4.163	162	166	170	rVB	1661	2422	0.23%	0.025%
4	6.169	503	507	513	rBV	987	1216	0.11%	0.013%
5	7.269	688	694	704	rBB2	37254	64492	6.04%	0.671%
6	7.445	718	724	733	rBB	122834	191480	17.94%	1.992%
7	7.645	752	758	767	rBV	138955	219795	20.60%	2.286%
8	8.128	833	840	845	rBV	137917	214413	20.09%	2.230%
9	8.181	845	849	855	rVB	14361	20137	1.89%	0.209%
10	8.834	953	960	967	rBB	103688	162858	15.26%	1.694%
11	8.957	975	981	986	rBB	3763	5901	0.55%	0.061%
12	9.234	1024	1028	1032	rBB	3375	4360	0.41%	0.045%
13	9.298	1032	1039	1047	rBV	162538	262784	24.63%	2.733%
14	9.457	1063	1066	1070	rBB	1777	1895	0.18%	0.020%
15	9.686	1102	1105	1109	rBB	1977	2649	0.25%	0.028%
16	10.028	1156	1163	1169	rBB	135979	218376	20.47%	2.271%
17	10.563	1247	1254	1261	rBB	196759	311658	29.21%	3.242%
18	10.951	1313	1320	1326	rBV	185716	311282	29.17%	3.238%
19	10.998	1326	1328	1331	rVB	2067	2114	0.20%	0.022%
20	11.080	1337	1342	1347	rBB	8297	12498	1.17%	0.130%
21	11.598	1427	1430	1435	rBB	1136	1692	0.16%	0.018%
22	12.527	1584	1588	1592	rBB	2462	3604	0.34%	0.037%
23	13.116	1684	1688	1694	rBV	5470	7714	0.72%	0.080%
24	13.363	1725	1730	1734	rBV2	12967	16727	1.57%	0.174%
25	13.598	1767	1770	1772	rBV2	1100	1249	0.12%	0.013%
26	13.645	1772	1778	1787	rVB	103681	159238	14.92%	1.656%
27	14.163	1859	1866	1871	rBV	365158	500121	46.87%	5.202%
28	14.204	1871	1873	1877	rVB	4081	3993	0.37%	0.042%
29	14.386	1900	1904	1909	rBV2	956	1323	0.12%	0.014%
30	14.457	1909	1916	1923	rVV	436881	615712	57.70%	6.404%
31	14.757	1961	1967	1974	rVB2	285046	414264	38.82%	4.309%
32	14.933	1991	1997	2004	rBV	36430	51004	4.78%	0.531%
33	15.421	2076	2080	2084	rBV	972	1458	0.14%	0.015%
34	15.533	2095	2099	2101	rBV	5498	6732	0.63%	0.070%

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Title : SVOA CALIBRATION

35	15.551	2101	2102	2106	rVB	2266	2241	0.21%	0.023%
36	15.745	2128	2135	2141	rBV	547142	771992	72.35%	8.030%
37	15.851	2148	2153	2161	rBV	204548	272513	25.54%	2.834%
38	15.980	2170	2175	2179	rVB2	4706	5538	0.52%	0.058%
39	16.098	2190	2195	2198	rBV3	2402	3615	0.34%	0.038%
40	16.457	2254	2256	2262	rVB2	1125	1162	0.11%	0.012%
41	16.515	2262	2266	2269	rBV	1289	1292	0.12%	0.013%
42	16.710	2296	2299	2302	rVB	964	1124	0.11%	0.012%
43	17.215	2381	2385	2390	rVB	1347	1395	0.13%	0.015%
44	17.268	2390	2394	2398	rBV	2131	2631	0.25%	0.027%
45	17.480	2424	2430	2436	rBV	360944	484022	45.36%	5.034%
46	17.580	2439	2447	2456	rBV2	657940	894512	83.83%	9.304%
47	17.745	2469	2475	2483	rBV	3114	4937	0.46%	0.051%
48	17.868	2494	2496	2499	rVB3	1184	1249	0.12%	0.013%
49	17.951	2506	2510	2515	rBV2	1000	1533	0.14%	0.016%
50	18.127	2535	2540	2544	rBV	75623	85441	8.01%	0.889%
51	18.339	2571	2576	2581	rBV	18884	23331	2.19%	0.243%
52	18.421	2586	2590	2593	rVV	6709	7261	0.68%	0.076%
53	18.633	2624	2626	2629	rVB3	981	1081	0.10%	0.011%
54	18.845	2659	2662	2666	rBV5	922	1554	0.15%	0.016%
55	18.915	2672	2674	2677	rBV3	809	1075	0.10%	0.011%
56	19.103	2702	2706	2709	rVV3	3197	4087	0.38%	0.043%
57	19.415	2757	2759	2761	rBV3	1473	1233	0.12%	0.013%
58	19.480	2767	2770	2773	rVB	6436	6787	0.64%	0.071%
59	19.598	2786	2790	2796	rBV4	5055	8549	0.80%	0.089%
60	19.733	2809	2813	2818	rVB	5077	6298	0.59%	0.066%
61	19.845	2826	2832	2839	rBV	808401	1067064	100.00%	11.099%
62	21.297	3074	3079	3091	rBV	66706	116705	10.94%	1.214%
63	21.603	3126	3131	3137	rBV	472746	569361	53.36%	5.922%
64	23.786	3495	3502	3510	rVB	521148	959693	89.94%	9.982%
65	23.933	3520	3527	3538	rVB2	259225	496468	46.53%	5.164%

Sum of corrected areas: 9614191

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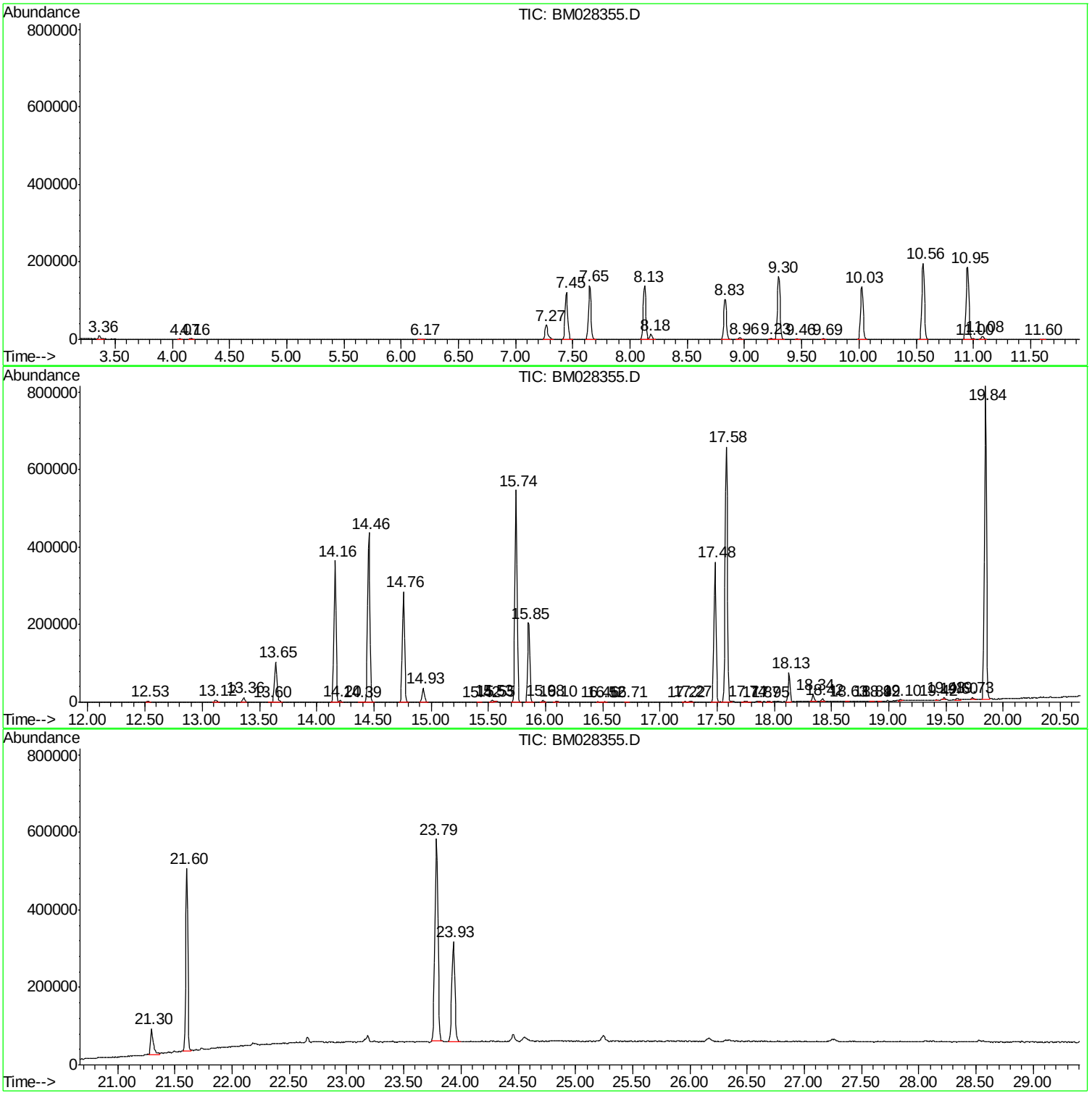
Quant Title : SVOA CALIBRATION

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



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****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	7.69 ng/ul	159238	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53

****
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.53 ng/ul	85441	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	Tricyclo[5.2.2.0(1,6)]undecan-3-...	220	C15H24O	1000159-37-6	43
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	42

****
Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.10 ng/ul	116705	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94

Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.65	7.7	ng/ul	159238	3	14.76	414264	20.0
7,9-Di-tert-butyl...	18.13	3.5	ng/ul	85441	4	17.48	484022	20.0
Trichloroacetic a...	21.30	4.1	ng/ul	116705	5	21.60	569361	20.0