

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022289.D
 Acq On : 24 Aug 2019 12:08
 Operator : HP/JU
 Sample : K4242-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM082219MA.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	3.128	21	24	29	rBV2	4258	6793	0.55%	0.051%
2	3.228	38	41	47	rBV5	2064	4311	0.35%	0.033%
3	3.422	71	74	77	rBV4	1538	1750	0.14%	0.013%
4	3.640	107	111	115	rVV4	1612	2036	0.17%	0.015%
5	3.722	117	125	132	rVB	13324	22719	1.85%	0.172%
6	3.810	137	140	141	rBV	1684	1930	0.16%	0.015%
7	3.822	141	142	145	rVV3	2891	2200	0.18%	0.017%
8	3.852	145	147	153	rVB4	1375	1615	0.13%	0.012%
9	3.934	158	161	166	rVB4	5059	6825	0.55%	0.052%
10	4.210	200	208	214	rVB2	1912	5041	0.41%	0.038%
11	4.710	288	293	298	rBV3	10439	16157	1.31%	0.122%
12	5.993	506	511	517	rVB2	5571	8244	0.67%	0.062%
13	6.222	545	550	556	rBV2	6795	9651	0.78%	0.073%
14	6.751	634	640	651	rBV	136068	246718	20.05%	1.863%
15	6.916	662	668	678	rBV	96048	158620	12.89%	1.198%
16	7.093	692	698	710	rBV	163818	258661	21.02%	1.953%
17	7.557	771	777	785	rBB	201546	318504	25.89%	2.405%
18	8.281	894	900	907	rBV	170949	290978	23.65%	2.197%
19	8.339	907	910	917	rVB3	8944	14167	1.15%	0.107%
20	8.728	970	976	989	rBV	147642	245415	19.95%	1.853%
21	9.039	1025	1029	1032	rBV2	1754	2604	0.21%	0.020%
22	9.439	1091	1097	1107	rBV	137017	226935	18.45%	1.714%
23	9.969	1182	1187	1207	rVB	180610	336244	27.33%	2.539%
24	10.328	1242	1248	1258	rBV	284270	474042	38.53%	3.580%
25	10.498	1271	1277	1294	rBV	130533	275188	22.37%	2.078%
26	11.522	1448	1451	1455	rBB	1324	1618	0.13%	0.012%
27	11.939	1518	1522	1524	rBV3	2381	2986	0.24%	0.023%
28	13.045	1707	1710	1714	rBB2	1376	1719	0.14%	0.013%
29	13.498	1783	1787	1793	rVB3	18332	21812	1.77%	0.165%
30	13.592	1799	1803	1805	rBV3	3071	3570	0.29%	0.027%
31	13.639	1805	1811	1816	rVV	390704	537814	43.72%	4.061%
32	13.686	1816	1819	1826	rVB	88251	114832	9.33%	0.867%
33	13.904	1850	1856	1866	rBV	440853	637957	51.86%	4.818%
34	14.033	1874	1878	1881	rBV	1592	1800	0.15%	0.014%

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35	14.151	1893	1898	1903	rVB2	20475	25330	2.06%	0.191%
36	14.216	1903	1909	1915	rBV2	474705	679905	55.26%	5.135%
37	14.269	1915	1918	1920	rVB	3100	2963	0.24%	0.022%
38	14.451	1945	1949	1951	rBV3	6095	8140	0.66%	0.061%
39	14.486	1951	1955	1971	rVV3	71120	182112	14.80%	1.375%
40	14.680	1984	1988	1993	rVB2	16683	22253	1.81%	0.168%
41	14.986	2036	2040	2048	rVB2	15687	21526	1.75%	0.163%
42	15.057	2048	2052	2055	rBV2	2883	3879	0.32%	0.029%
43	15.216	2072	2079	2090	rBV	528152	781986	63.56%	5.905%
44	15.386	2101	2108	2117	rBV	115390	179379	14.58%	1.355%
45	15.457	2118	2120	2126	rVB3	6324	8204	0.67%	0.062%
46	15.727	2163	2166	2167	rBV3	2470	2316	0.19%	0.017%
47	16.386	2275	2278	2284	rBV4	6813	9838	0.80%	0.074%
48	16.492	2294	2296	2298	rBV2	2180	2275	0.18%	0.017%
49	16.651	2321	2323	2325	rBV3	1943	2023	0.16%	0.015%
50	16.739	2335	2338	2339	rBV3	2253	1807	0.15%	0.014%
51	16.810	2347	2350	2351	rBV3	3774	3846	0.31%	0.029%
52	16.921	2368	2369	2370	rBV	3287	1701	0.14%	0.013%
53	16.974	2373	2378	2385	rVV2	601334	863315	70.17%	6.520%
54	17.080	2389	2396	2404	rBV	645156	937336	76.19%	7.079%
55	17.745	2505	2509	2512	rBV4	13612	23255	1.89%	0.176%
56	17.874	2526	2531	2540	rBV	173001	265776	21.60%	2.007%
57	18.586	2649	2652	2659	rVB4	46394	57649	4.69%	0.435%
58	19.162	2747	2750	2755	rBV3	59179	84701	6.88%	0.640%
59	19.386	2783	2788	2797	rVB	912442	1230265	100.00%	9.291%
60	20.745	3016	3019	3023	rBV	622735	674829	54.85%	5.096%
61	21.186	3090	3094	3098	rBV	901078	1141441	92.78%	8.620%
62	23.244	3439	3444	3451	rVB	530884	919763	74.76%	6.946%
63	23.380	3463	3467	3475	rVB2	452430	842489	68.48%	6.362%

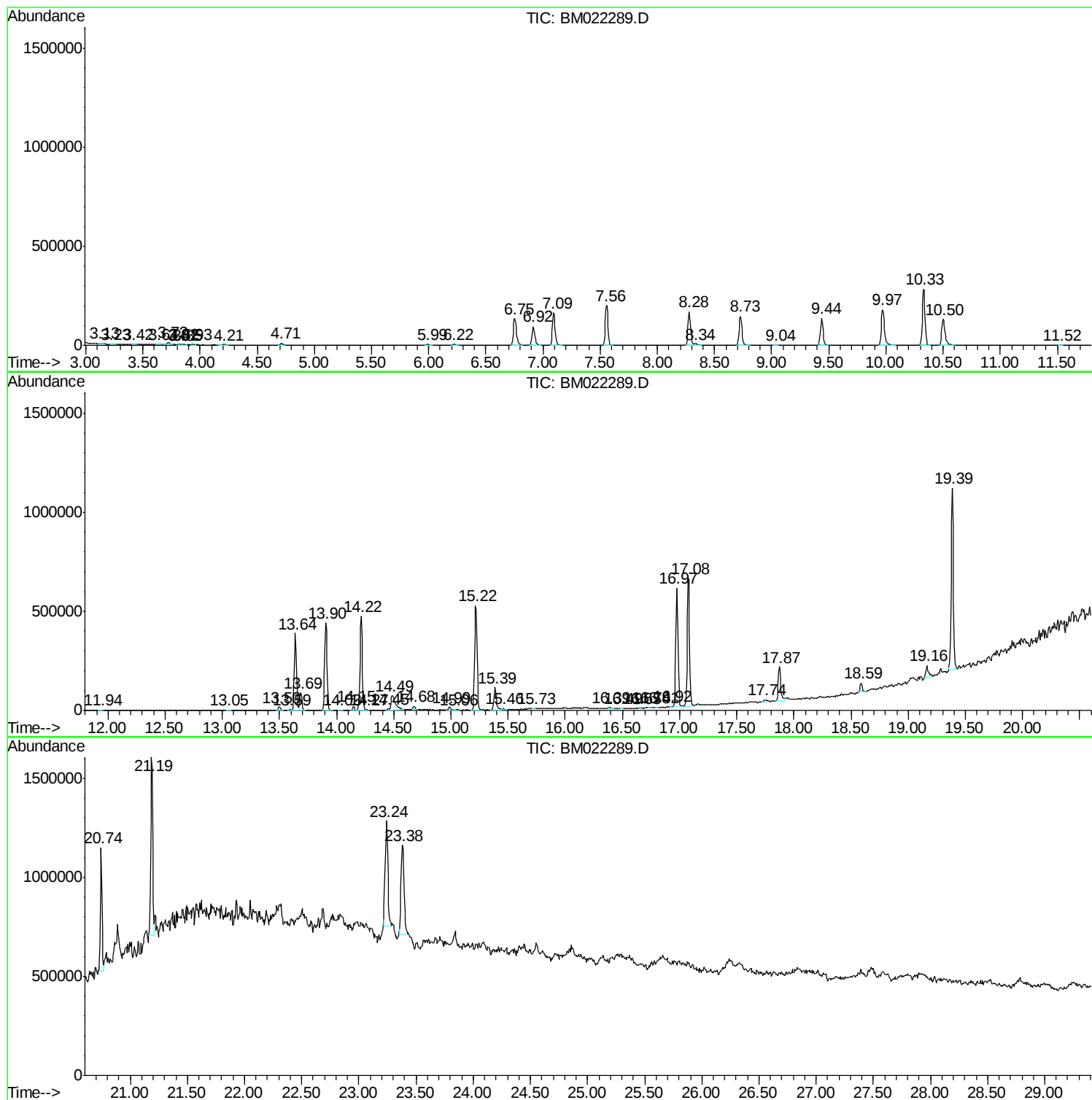
Sum of corrected areas: 13241758

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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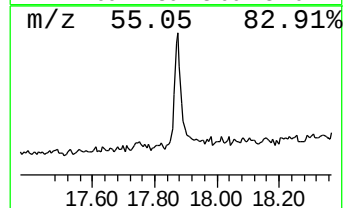
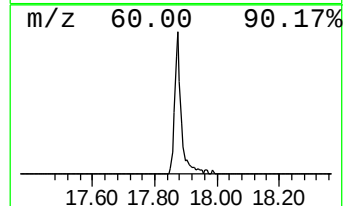
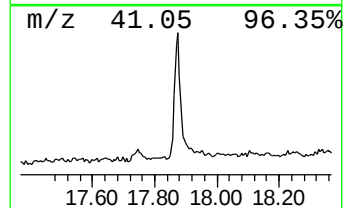
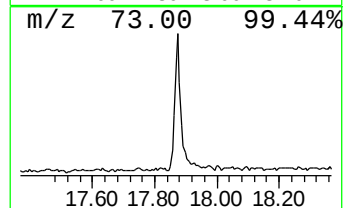
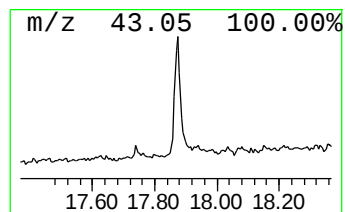
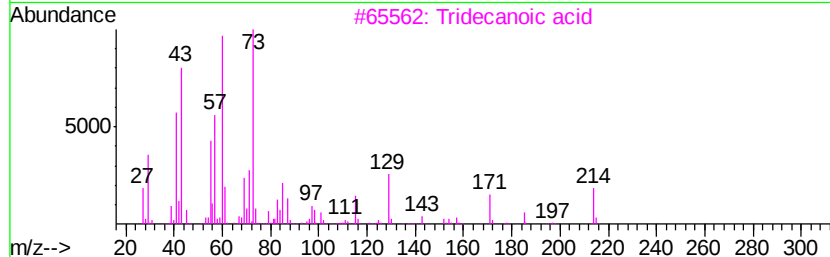
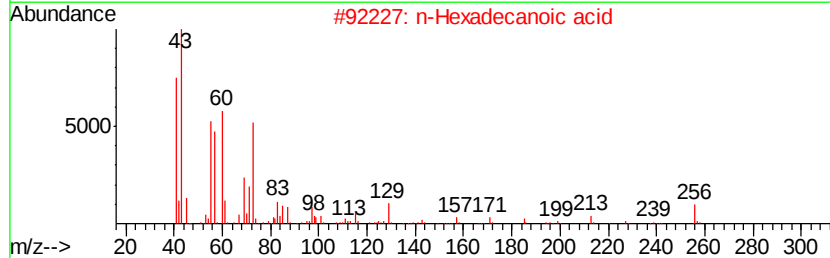
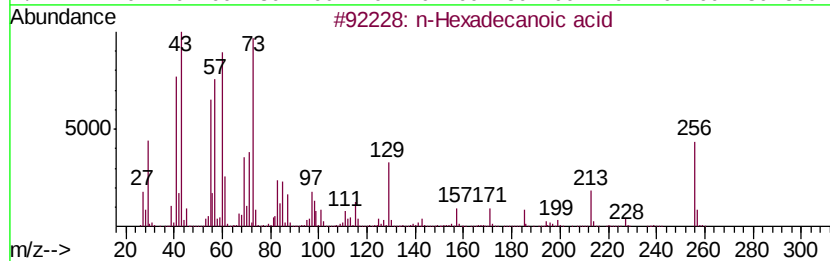
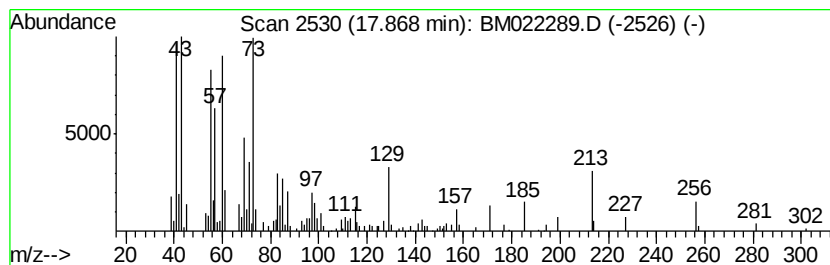
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.16 ng/ul	265776	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



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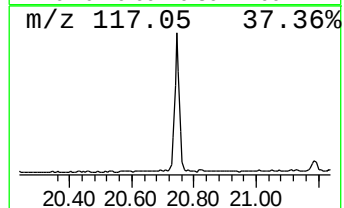
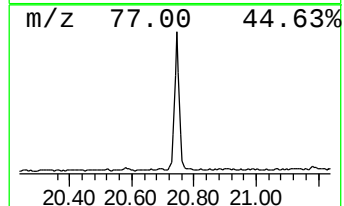
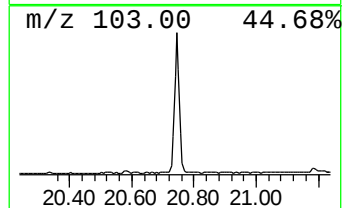
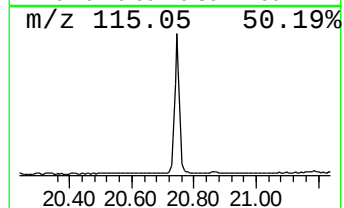
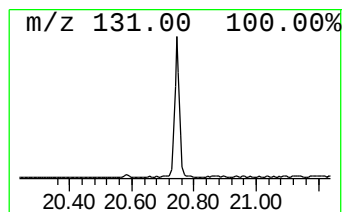
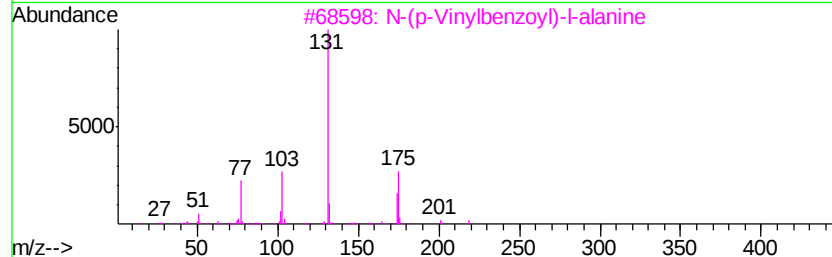
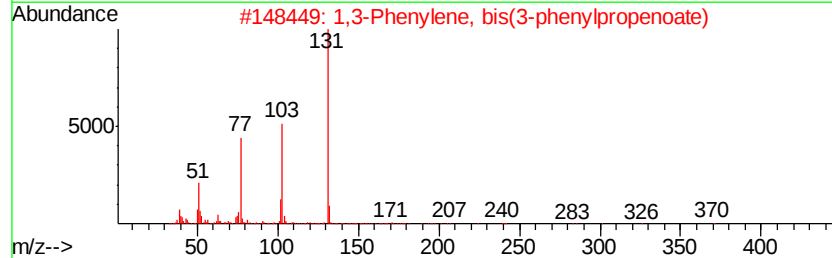
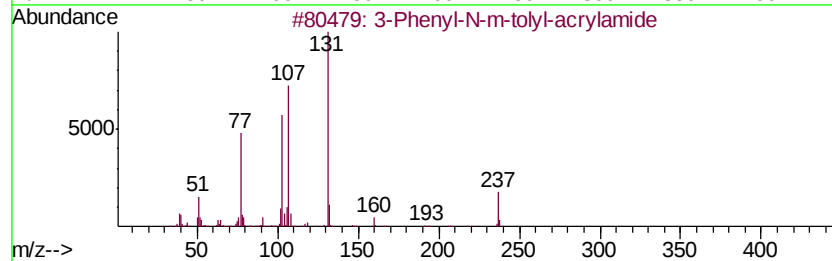
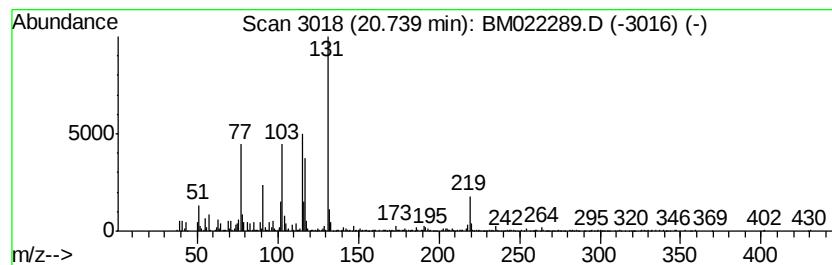
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	11.82 ng/ul	674829	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenyl-N-m-tolyl-acrylamide	237	C16H15NO	1000296-12-9	47
2		1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	47
3		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
4		trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
5		3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	6.2	ng/ul	265776	4	16.97	863315	20.0
unknown-01	20.74	11.8	ng/ul	674829	5	21.19	1141440	20.0