

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029809.D
 Acq On : 05 May 2021 03:40
 Operator : CG/JU
 Sample : M2121-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG507

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\SFAM-EPA-BM050421.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	3.081	30	33	40	rVB	33653	51682	1.46%	0.148%
2	3.498	102	104	127	rBV	234760	560888	15.81%	1.610%
3	6.751	651	657	674	rBV2	464663	992244	27.97%	2.848%
4	6.916	679	685	702	rVB	339514	612844	17.28%	1.759%
5	7.104	711	717	734	rVB	502681	852329	24.03%	2.447%
6	7.569	789	796	805	rBV	438928	751453	21.18%	2.157%
7	8.281	911	917	934	rBV	547236	1006204	28.36%	2.888%
8	8.722	986	992	1013	rBV	437057	819385	23.10%	2.352%
9	8.898	1017	1022	1040	rVB	9367	31090	0.88%	0.089%
10	9.139	1058	1063	1074	rVB3	13060	26997	0.76%	0.077%
11	9.439	1106	1114	1130	rBV	362718	673442	18.98%	1.933%
12	9.975	1197	1205	1224	rBV	495528	981235	27.66%	2.817%
13	10.339	1258	1267	1285	rBV	623151	1095448	30.88%	3.144%
14	10.492	1286	1293	1315	rBV	415524	948084	26.73%	2.721%
15	10.845	1351	1353	1359	rVB5	3130	3962	0.11%	0.011%
16	11.892	1527	1531	1536	rBV6	2078	3635	0.10%	0.010%
17	11.957	1536	1542	1548	rBV6	6718	12673	0.36%	0.036%
18	12.821	1685	1689	1693	rBV5	3999	6294	0.18%	0.018%
19	13.045	1722	1727	1733	rBV5	10405	18587	0.52%	0.053%
20	13.116	1733	1739	1746	rVB4	10972	19668	0.55%	0.056%
21	13.633	1820	1827	1832	rBV	1096557	1541850	43.46%	4.426%
22	13.680	1832	1835	1845	rVB	208471	296906	8.37%	0.852%
23	13.904	1863	1873	1887	rBV	1311385	1991593	56.14%	5.717%
24	13.998	1887	1889	1896	rVB6	4607	7961	0.22%	0.023%
25	14.133	1908	1912	1917	rVB2	8169	11698	0.33%	0.034%
26	14.215	1917	1926	1935	rBV	969576	1435398	40.46%	4.120%
27	14.451	1959	1966	1994	rBV	142781	524643	14.79%	1.506%
28	14.621	1994	1995	1998	rVV3	7308	8836	0.25%	0.025%
29	14.657	1998	2001	2008	rVB8	9023	18414	0.52%	0.053%
30	14.745	2013	2016	2017	rVV3	4025	4252	0.12%	0.012%
31	14.815	2026	2028	2031	rVV3	6682	7373	0.21%	0.021%
32	14.857	2031	2035	2040	rVV4	8336	13111	0.37%	0.038%
33	15.027	2061	2064	2066	rBV	8509	10786	0.30%	0.031%
34	15.051	2066	2068	2071	rVV3	5263	6617	0.19%	0.019%

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35	15.080	2071	2073	2079	rVB4	8451	10064	0.28%	0.029%
36	15.145	2079	2084	2088	rVB8	2564	5337	0.15%	0.015%
37	15.209	2088	2095	2112	rBV	1678133	2391023	67.40%	6.863%
38	15.345	2112	2118	2133	rVV	392476	614334	17.32%	1.763%
39	15.451	2133	2136	2142	rVB	17230	25829	0.73%	0.074%
40	15.586	2157	2159	2164	rVB5	3962	4545	0.13%	0.013%
41	15.709	2175	2180	2182	rBV6	2671	4441	0.13%	0.013%
42	15.898	2206	2212	2217	rBV9	6142	10349	0.29%	0.030%
43	15.945	2217	2220	2224	rVV6	5520	9268	0.26%	0.027%
44	16.004	2226	2230	2236	rVB7	9907	14771	0.42%	0.042%
45	16.109	2242	2248	2249	rBV6	4434	6634	0.19%	0.019%
46	16.204	2259	2264	2269	rBV3	8386	12121	0.34%	0.035%
47	16.703	2343	2349	2353	rBV3	11241	21350	0.60%	0.061%
48	16.962	2386	2393	2403	rBV	1108013	1621526	45.71%	4.655%
49	17.056	2403	2409	2424	rVV2	1652439	2485144	70.06%	7.134%
50	17.174	2425	2429	2433	rVB5	15684	24622	0.69%	0.071%
51	17.645	2507	2509	2513	rVB5	5586	7183	0.20%	0.021%
52	17.868	2542	2547	2557	rBV	99266	183284	5.17%	0.526%
53	18.462	2644	2648	2652	rBV6	3683	5447	0.15%	0.016%
54	18.627	2673	2676	2681	rVB3	13251	15356	0.43%	0.044%
55	18.997	2735	2739	2743	rBV	14219	20066	0.57%	0.058%
56	19.039	2743	2746	2750	rVB3	12097	16707	0.47%	0.048%
57	19.156	2762	2766	2772	rBV	46032	77206	2.18%	0.222%
58	19.245	2778	2781	2789	rVB3	17312	28233	0.80%	0.081%
59	19.356	2794	2800	2810	rBV	2144160	2991535	84.33%	8.587%
60	19.915	2893	2895	2899	rVB4	12838	14308	0.40%	0.041%
61	20.409	2977	2979	2985	rVB4	20746	21730	0.61%	0.062%
62	20.874	3053	3058	3068	rBV	291601	545839	15.39%	1.567%
63	21.144	3099	3104	3115	rBV	1439083	1982901	55.90%	5.692%
64	21.309	3129	3132	3141	rBV2	45889	79962	2.25%	0.230%
65	22.174	3276	3279	3285	rVB	79241	98790	2.78%	0.284%
66	22.656	3358	3361	3366	rVB	118668	163628	4.61%	0.470%
67	23.168	3441	3448	3461	rVB2	1779003	3547381	100.00%	10.183%
68	23.303	3465	3471	3484	rVB2	1134373	2146979	60.52%	6.163%
69	23.815	3554	3558	3566	rVB	159585	281649	7.94%	0.808%

Sum of corrected areas: 34837124

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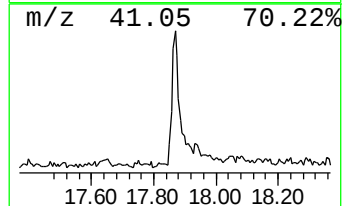
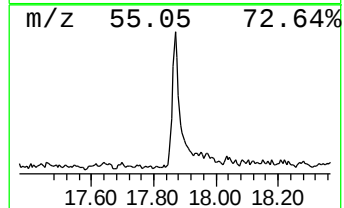
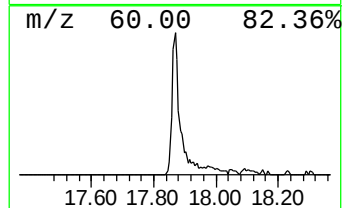
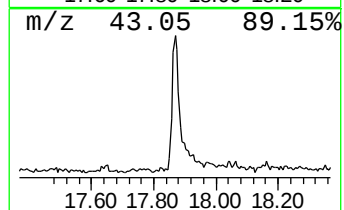
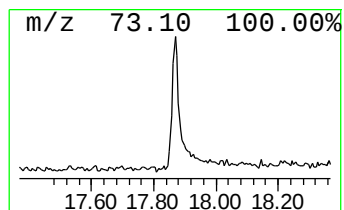
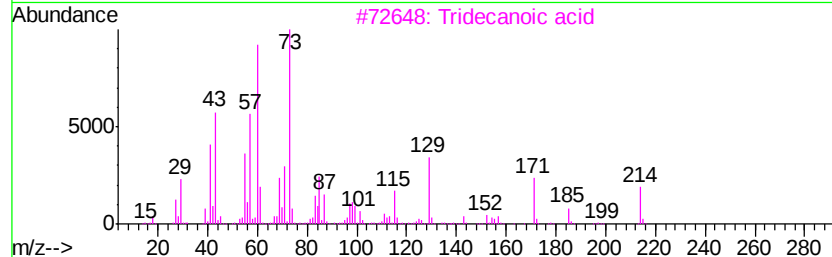
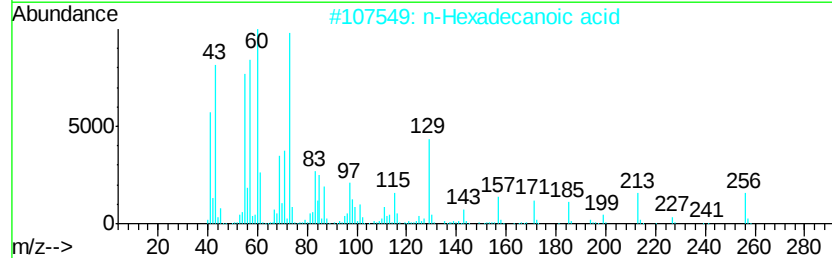
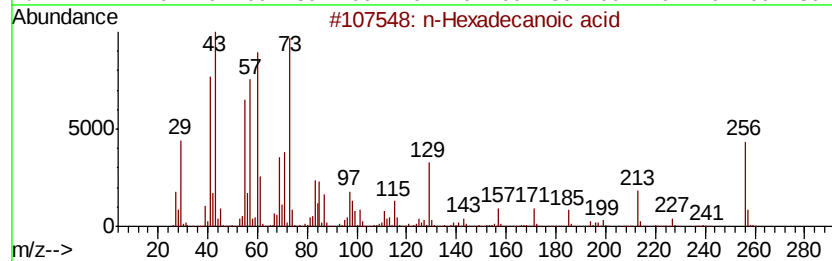
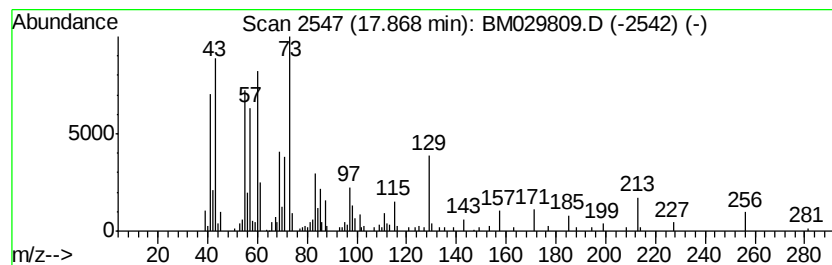
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.87	2.26 ng/ul	183284	Phenanthrene-d10	16.96	
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	99
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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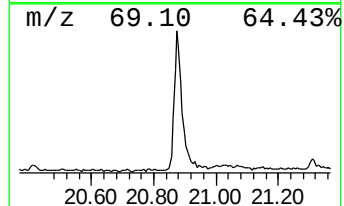
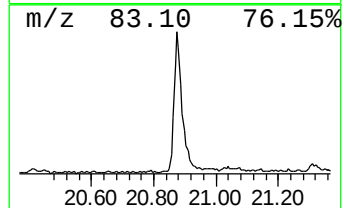
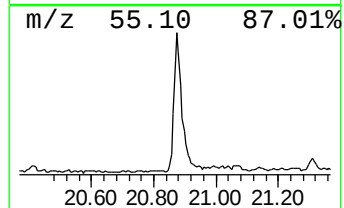
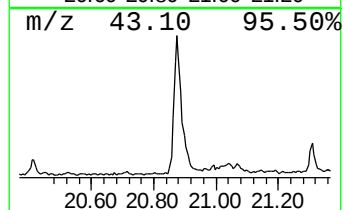
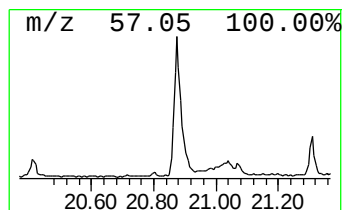
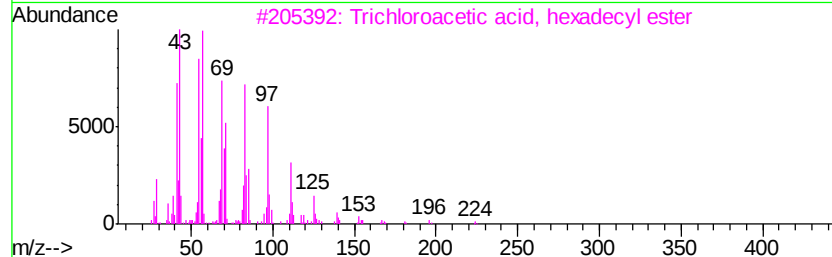
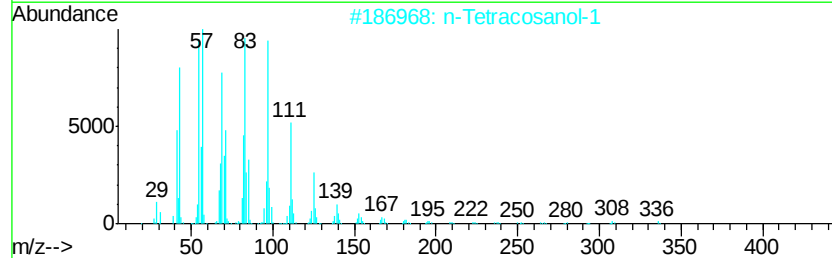
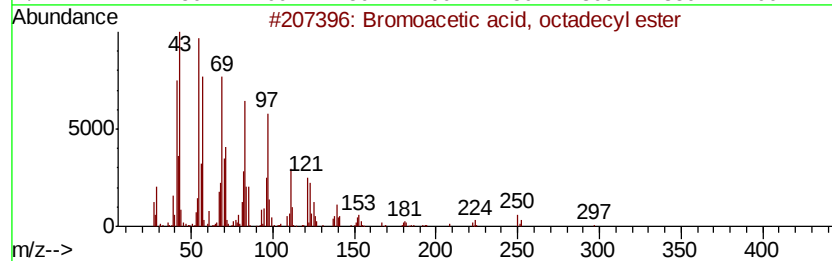
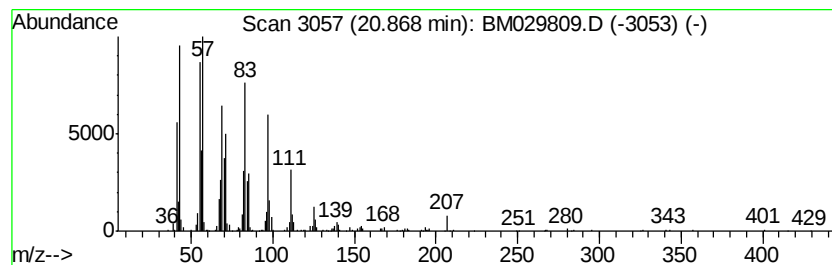
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Peak Number 2 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.51 ng/ul	545839	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



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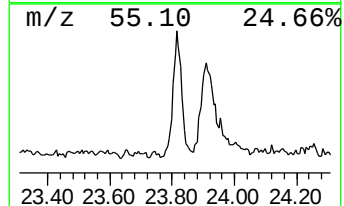
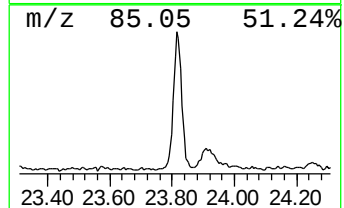
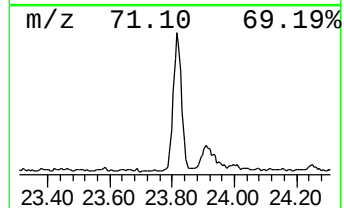
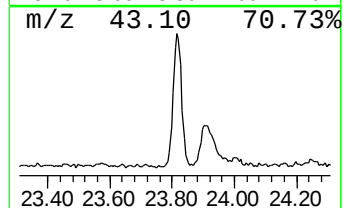
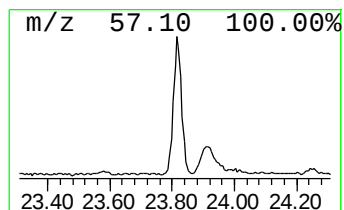
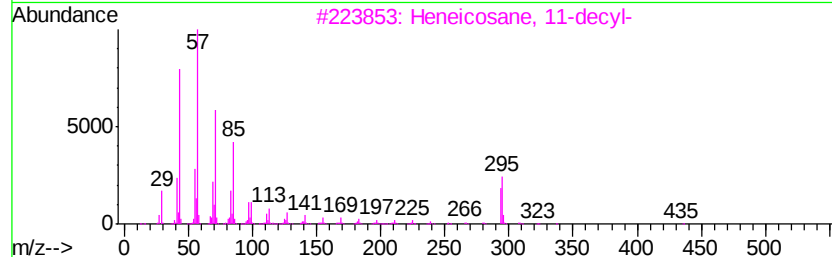
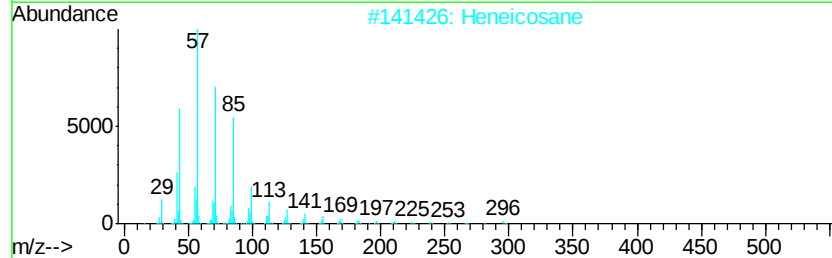
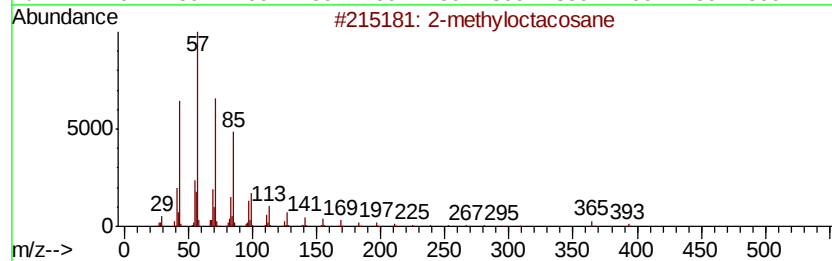
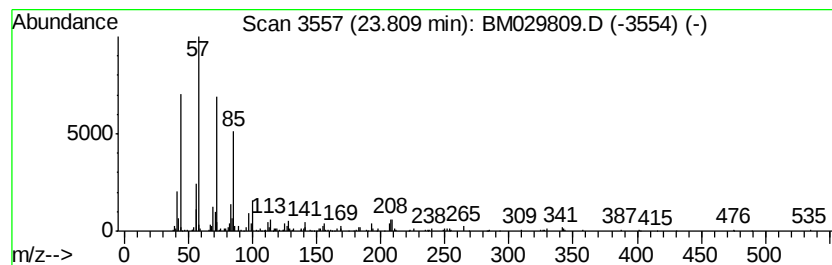
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.62 ng/ul	281649	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Heneicosane	296	C21H44	000629-94-7	83
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5		Eicosane	282	C20H42	000112-95-8	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.3	ng/ul	183284	4	16.96	1621530	20.0
Bromoacetic acid,...	20.87	5.5	ng/ul	545839	5	21.14	1982900	20.0
(DEL) Alkane: Str...	23.81	2.6	ng/ul	281649	6	23.30	2146980	20.0