

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028188.D
 Acq On : 19 Dec 2020 09:43
 Operator : JU/CG
 Sample : L5071-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54K1

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-BM121520MA.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	3.416	34	39	46	rBV	35166	51348	2.06%	0.176%
2	3.734	90	93	100	rBV	13053	22084	0.88%	0.076%
3	4.222	172	176	184	rVB2	4994	8645	0.35%	0.030%
4	5.316	358	362	365	rVB2	1842	2520	0.10%	0.009%
5	6.240	516	519	524	rBV3	4279	6485	0.26%	0.022%
6	6.822	612	618	620	rVB4	2183	2863	0.11%	0.010%
7	7.157	670	675	681	rVB6	1740	2951	0.12%	0.010%
8	7.340	699	706	717	rBV	595451	988274	39.56%	3.389%
9	7.516	729	736	751	rBV	443237	706128	28.27%	2.422%
10	7.728	764	772	779	rBV	605678	981747	39.30%	3.367%
11	7.793	779	783	793	rVB	28794	47044	1.88%	0.161%
12	7.998	811	818	820	rBV4	1693	2866	0.11%	0.010%
13	8.204	844	853	859	rBV	421990	660786	26.45%	2.266%
14	8.257	859	862	870	rVB2	11926	18150	0.73%	0.062%
15	8.910	963	973	983	rBV	670687	1096224	43.88%	3.760%
16	9.381	1043	1053	1061	rBV	513493	857574	34.33%	2.941%
17	9.457	1061	1066	1072	rVB5	2648	4663	0.19%	0.016%
18	9.534	1075	1079	1082	rBV4	2207	2871	0.11%	0.010%
19	9.769	1114	1119	1124	rVB	6381	9246	0.37%	0.032%
20	10.104	1169	1176	1184	rBV	437095	710816	28.45%	2.438%
21	10.645	1259	1268	1278	rBV	667732	1108414	44.37%	3.801%
22	11.033	1326	1334	1342	rBV	534141	896279	35.88%	3.074%
23	11.163	1348	1356	1365	rBV	628134	1072790	42.94%	3.679%
24	11.963	1485	1492	1495	rBV6	2262	4158	0.17%	0.014%
25	12.492	1576	1582	1586	rBV3	2345	3788	0.15%	0.013%
26	12.604	1595	1601	1606	rBV	11077	16028	0.64%	0.055%
27	13.433	1738	1742	1746	rBV4	2225	3100	0.12%	0.011%
28	13.645	1773	1778	1781	rBV2	2611	3491	0.14%	0.012%
29	13.710	1784	1789	1794	rBV	10620	14413	0.58%	0.049%
30	14.227	1871	1877	1882	rBV	1038282	1414941	56.64%	4.853%
31	14.274	1882	1885	1891	rVB	281023	355655	14.24%	1.220%
32	14.451	1909	1915	1921	rBV5	9756	15533	0.62%	0.053%
33	14.527	1921	1928	1937	rVV	1264200	1802682	72.16%	6.182%
34	14.704	1954	1958	1963	rVB2	3677	4546	0.18%	0.016%

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Title : SVOA CALIBRATION

35	14.833	1973	1980	1989	rBV	721020	1071103	42.88%	3.673%
36	14.998	2000	2008	2022	rBV	475268	681369	27.28%	2.337%
37	15.598	2104	2110	2116	rBV5	2336	4432	0.18%	0.015%
38	15.645	2116	2118	2123	rVB4	2716	3280	0.13%	0.011%
39	15.810	2140	2146	2155	rBV	1459469	2106229	84.31%	7.223%
40	15.916	2159	2164	2176	rVV	446133	618626	24.76%	2.122%
41	16.051	2180	2187	2191	rVB	16830	23380	0.94%	0.080%
42	16.586	2274	2278	2284	rVV7	5138	6927	0.28%	0.024%
43	16.663	2287	2291	2295	rVB3	1725	3013	0.12%	0.010%
44	16.774	2305	2310	2314	rBV4	2124	3601	0.14%	0.012%
45	17.286	2393	2397	2398	rBV4	2112	2676	0.11%	0.009%
46	17.333	2402	2405	2410	rVV3	2682	4329	0.17%	0.015%
47	17.551	2434	2442	2448	rBV	837787	1163544	46.58%	3.990%
48	17.651	2452	2459	2470	rBV	1519814	2182410	87.36%	7.485%
49	18.404	2582	2587	2599	rBV	154941	222545	8.91%	0.763%
50	18.874	2663	2667	2669	rBV4	2801	4038	0.16%	0.014%
51	19.198	2719	2722	2724	rBV3	3386	3522	0.14%	0.012%
52	19.445	2761	2764	2767	rBV4	6569	6777	0.27%	0.023%
53	19.539	2777	2780	2787	rBV	17810	26535	1.06%	0.091%
54	19.656	2796	2800	2805	rBV2	38216	53610	2.15%	0.184%
55	19.798	2820	2824	2830	rVB	21084	28677	1.15%	0.098%
56	19.904	2836	2842	2852	rBV	1794963	2437195	97.56%	8.359%
57	21.350	3083	3088	3099	rBV	403197	616807	24.69%	2.115%
58	21.662	3136	3141	3147	rBV	941831	1208102	48.36%	4.143%
59	23.874	3510	3517	3531	rVB	1283024	2498121	100.00%	8.567%
60	24.027	3537	3543	3551	rVB	648575	1278174	51.17%	4.384%

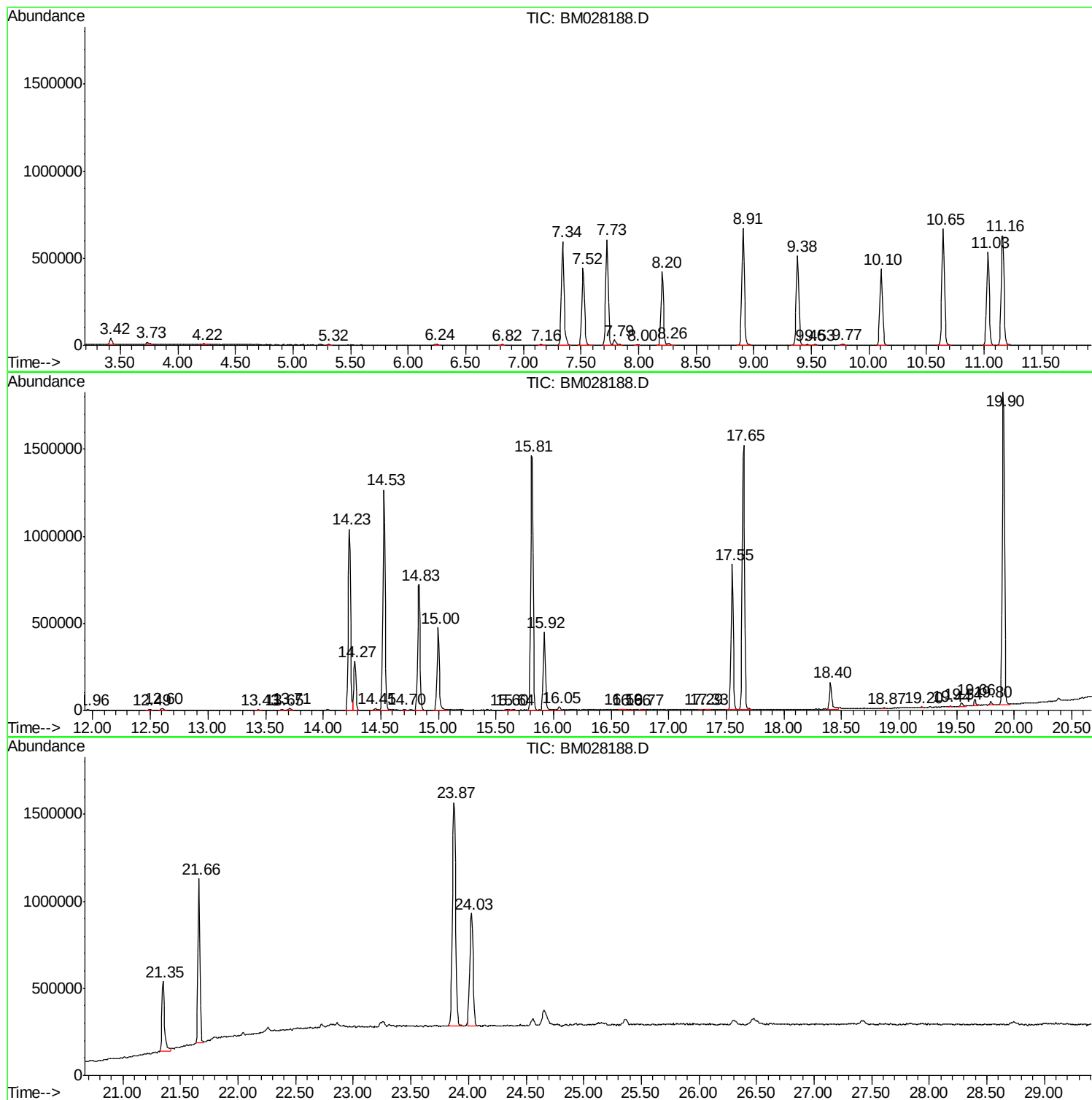
Sum of corrected areas: 29158125

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Quant Title : SVOA CALIBRATION

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



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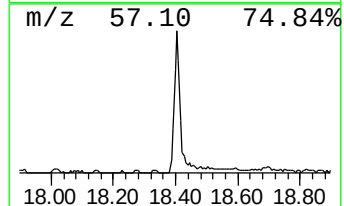
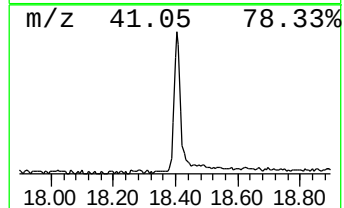
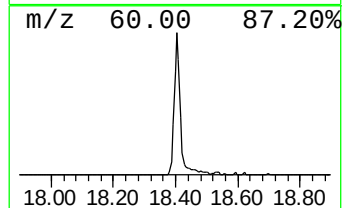
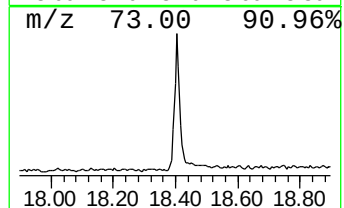
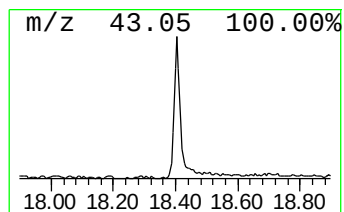
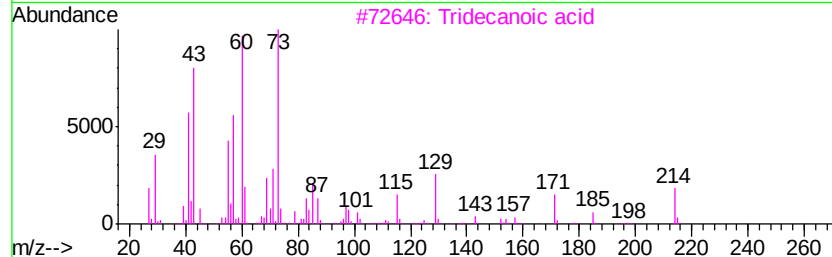
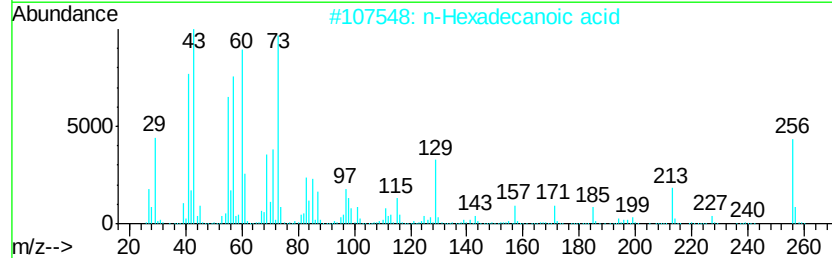
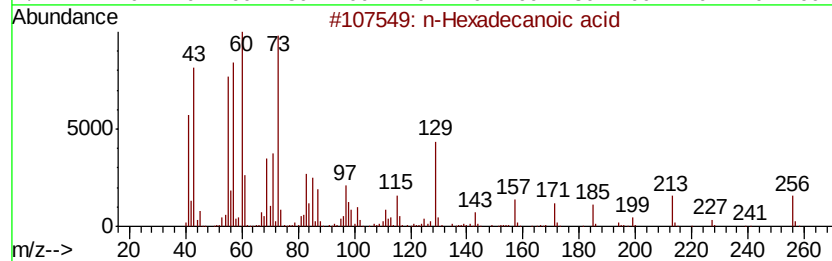
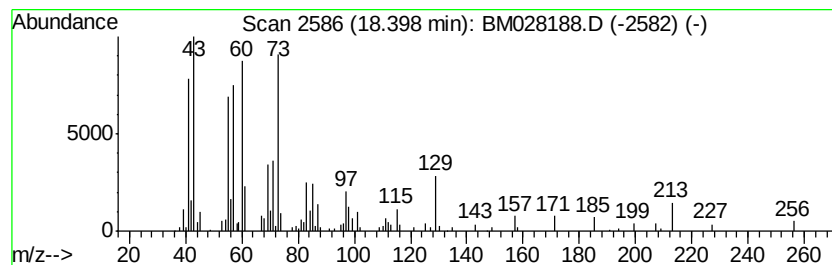
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.40	3.83 ng/ul	222545	Phenanthrene-d10	17.55	
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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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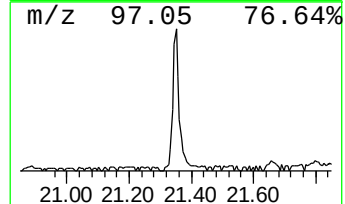
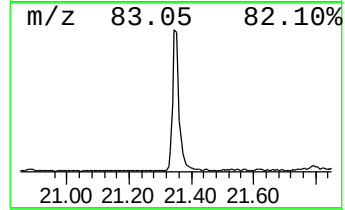
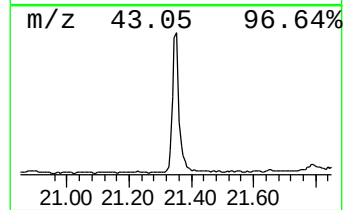
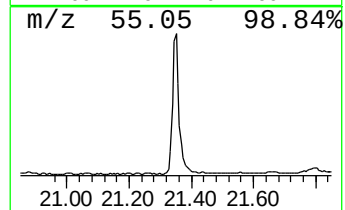
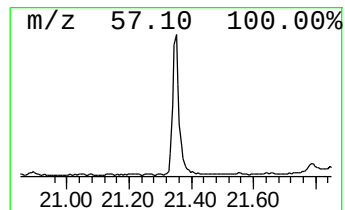
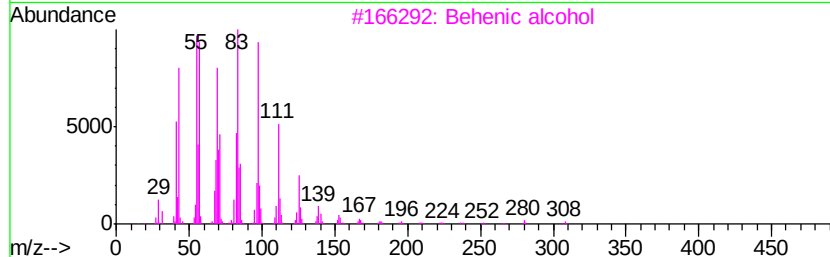
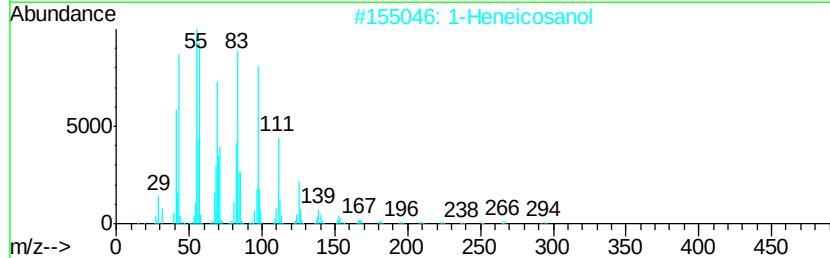
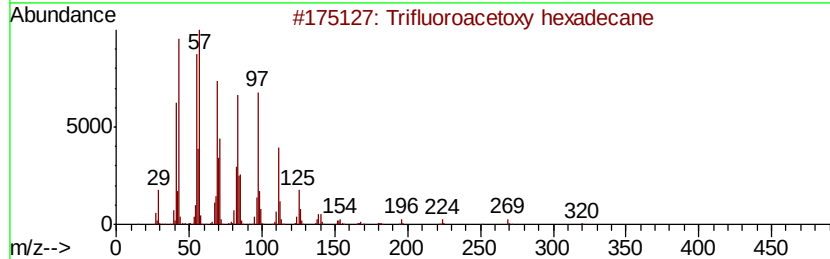
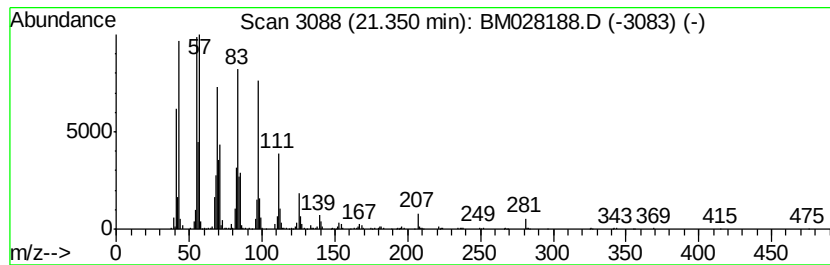
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Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.35	10.21 ng/ul	616807	Chrysene-d12	21.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	3.8	ng/ul	222545	4	17.55	1163540	20.0
Trifluoroacetoxy ...	21.35	10.2	ng/ul	616807	5	21.66	1208100	20.0