

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058932.D
 Acq On : 9 Sep 2023 1:11
 Operator : MA/JU
 Sample : 04247-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJA2

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_G\Methods\SFAM-EPA-BG090823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058932.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.606	16	20	24	rBV3	23251	39518	1.31%	0.178%
2	3.682	29	33	41	rVB2	19650	32829	1.09%	0.148%
3	4.076	95	100	106	rBV	51036	90303	2.99%	0.406%
4	4.282	130	135	136	rBV3	7503	5853	0.19%	0.026%
5	4.587	185	187	190	rBV	5154	4080	0.13%	0.018%
6	4.946	243	248	256	rBV5	12338	24285	0.80%	0.109%
7	5.345	314	316	319	rVB	6068	4126	0.14%	0.019%
8	6.027	430	432	437	rVB	3281	4609	0.15%	0.021%
9	6.391	490	494	497	rBV	3123	4253	0.14%	0.019%
10	6.979	591	594	599	rBV2	6753	12374	0.41%	0.056%
11	7.196	628	631	635	rBV2	3077	4459	0.15%	0.020%
12	7.437	665	672	684	rVB2	67120	125065	4.14%	0.562%
13	7.648	701	708	716	rBV	176588	295059	9.76%	1.327%
14	7.778	728	730	733	rBV	4214	5189	0.17%	0.023%
15	7.842	733	741	750	rVV	171153	306855	10.15%	1.380%
16	8.171	794	797	799	rBV	3663	4804	0.16%	0.022%
17	8.330	816	824	832	rVB2	142276	252340	8.34%	1.135%
18	9.006	933	939	948	rVB2	184504	318778	10.54%	1.434%
19	9.176	965	968	971	rVB2	4907	4043	0.13%	0.018%
20	9.211	971	974	980	rBV2	6774	10199	0.34%	0.046%
21	9.523	1021	1027	1039	rBV2	226864	407454	13.47%	1.832%
22	9.787	1068	1072	1074	rBV2	8254	9006	0.30%	0.040%
23	10.245	1142	1150	1157	rBV	183474	317113	10.49%	1.426%
24	10.322	1157	1163	1170	rVV3	23281	48678	1.61%	0.219%
25	10.768	1232	1239	1247	rBV2	303458	562745	18.61%	2.531%
26	11.097	1292	1295	1297	rVB	4180	4502	0.15%	0.020%
27	11.174	1300	1308	1317	rVV	242615	425428	14.07%	1.913%
28	11.315	1324	1332	1340	rBV	286713	523781	17.32%	2.355%
29	11.397	1343	1346	1348	rBV	3196	4069	0.13%	0.018%
30	11.996	1444	1448	1455	rBV4	20127	34988	1.16%	0.157%
31	12.184	1476	1480	1481	rVB	4556	4673	0.15%	0.021%
32	12.666	1559	1562	1566	rVB2	3414	4240	0.14%	0.019%
33	12.731	1570	1573	1576	rVV2	6912	8260	0.27%	0.037%
34	13.189	1648	1651	1653	rVB2	4480	4686	0.15%	0.021%
35	13.259	1660	1663	1665	rBV	4310	4638	0.15%	0.021%
36	13.506	1702	1705	1709	rBV	4011	7402	0.24%	0.033%

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37	13.553	1709	1713	1718	rVB	2267	5814	0.19%	0.026%
38	13.794	1750	1754	1758	rVB3	9257	13716	0.45%	0.062%
39	13.906	1769	1773	1774	rBV3	8364	6653	0.22%	0.030%
40	13.959	1780	1782	1785	rBV2	3459	4808	0.16%	0.022%

41	14.352	1842	1849	1857	rBV	830757	1194467	39.50%	5.371%
42	14.482	1867	1871	1872	rBV	6555	5419	0.18%	0.024%
43	14.658	1893	1901	1906	rBV2	770584	1252046	41.40%	5.630%
44	14.705	1906	1909	1915	rVB2	46483	67357	2.23%	0.303%
45	14.787	1920	1923	1926	rBV3	4426	6432	0.21%	0.029%

46	14.957	1945	1952	1959	rBV	496095	791579	26.17%	3.560%
47	15.051	1961	1968	1969	rBV	3913	7115	0.24%	0.032%
48	15.110	1973	1978	1985	rVB2	116347	191797	6.34%	0.862%
49	15.163	1985	1987	1989	rBV2	6287	4919	0.16%	0.022%
50	15.298	2005	2010	2014	rBV2	27632	42644	1.41%	0.192%

51	15.457	2031	2037	2042	rVB3	36082	55621	1.84%	0.250%
52	15.533	2046	2050	2055	rBV2	4428	8255	0.27%	0.037%
53	15.639	2065	2068	2072	rVB3	5583	6725	0.22%	0.030%
54	15.698	2077	2078	2080	rVB	6467	4081	0.13%	0.018%
55	15.945	2113	2120	2127	rVB	1160799	1791900	59.25%	8.058%

56	16.003	2127	2130	2131	rBV2	4899	4053	0.13%	0.018%
57	16.044	2131	2137	2147	rVB	348332	517734	17.12%	2.328%
58	16.180	2156	2160	2164	rBV3	14977	21460	0.71%	0.097%
59	16.315	2180	2183	2184	rBV3	5231	5473	0.18%	0.025%
60	16.350	2187	2189	2191	rBV2	3210	4033	0.13%	0.018%

61	16.714	2247	2251	2252	rBV2	5040	5541	0.18%	0.025%
62	17.084	2312	2314	2317	rVB3	5243	5267	0.17%	0.024%
63	17.114	2317	2319	2321	rBV2	5456	4739	0.16%	0.021%
64	17.137	2321	2323	2330	rVB2	3635	6350	0.21%	0.029%
65	17.249	2338	2342	2349	rVB5	27958	48965	1.62%	0.220%

66	17.319	2352	2354	2357	rBV3	3789	4134	0.14%	0.019%
67	17.361	2357	2361	2363	rBV	7643	10134	0.34%	0.046%
68	17.707	2413	2420	2426	rBV	816614	1257463	41.58%	5.655%
69	17.807	2430	2437	2444	rBV	1512026	2368737	78.33%	10.652%
70	18.212	2505	2506	2509	rBV3	4302	4401	0.15%	0.020%

71	18.377	2532	2534	2537	rBV3	5120	5469	0.18%	0.025%
72	18.530	2554	2560	2567	rBV	101779	145308	4.80%	0.653%
73	18.812	2606	2608	2610	rBV3	8214	5257	0.17%	0.024%
74	18.888	2615	2621	2623	rBV7	19703	30933	1.02%	0.139%
75	19.311	2690	2693	2695	rBV4	6204	6111	0.20%	0.027%

76	19.476	2717	2721	2723	rBV4	6602	9558	0.32%	0.043%
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77	19.634	2745	2748	2753	rBV4	29184	41899	1.39%	0.188%
78	19.705	2757	2760	2764	rVB2	28021	35671	1.18%	0.160%
79	19.793	2771	2775	2779	rBV3	65068	76423	2.53%	0.344%
80	19.946	2798	2801	2804	rBV4	10642	13912	0.46%	0.063%
81	20.075	2816	2823	2831	rBV	2095850	3024226	100.00%	13.600%
82	20.980	2975	2977	2980	rBV4	11461	11598	0.38%	0.052%
83	21.368	3041	3043	3044	rBV2	7114	4330	0.14%	0.019%
84	22.032	3149	3156	3166	rVB2	707110	1228134	40.61%	5.523%
85	22.214	3186	3187	3189	rBV2	9313	4740	0.16%	0.021%
86	24.487	3572	3574	3576	rBV3	9472	6467	0.21%	0.029%
87	25.357	3710	3722	3734	rBV2	811654	2537408	83.90%	11.410%
88	25.604	3754	3764	3780	rVB	442692	1346648	44.53%	6.056%
89	26.021	3833	3835	3838	rBV3	7189	5526	0.18%	0.025%
90	26.708	3950	3952	3953	rBV2	7448	5363	0.18%	0.024%
91	26.885	3979	3982	3983	rBV3	12594	12880	0.43%	0.058%
92	27.120	4020	4022	4024	rVB3	8782	5174	0.17%	0.023%
93	27.366	4062	4064	4066	rBV3	7163	5167	0.17%	0.023%
94	29.740	4466	4468	4469	rBV	9681	4168	0.14%	0.019%
95	31.650	4792	4793	4796	rBV3	11386	9932	0.33%	0.045%
96	31.814	4819	4821	4822	rBV2	7674	4821	0.16%	0.022%

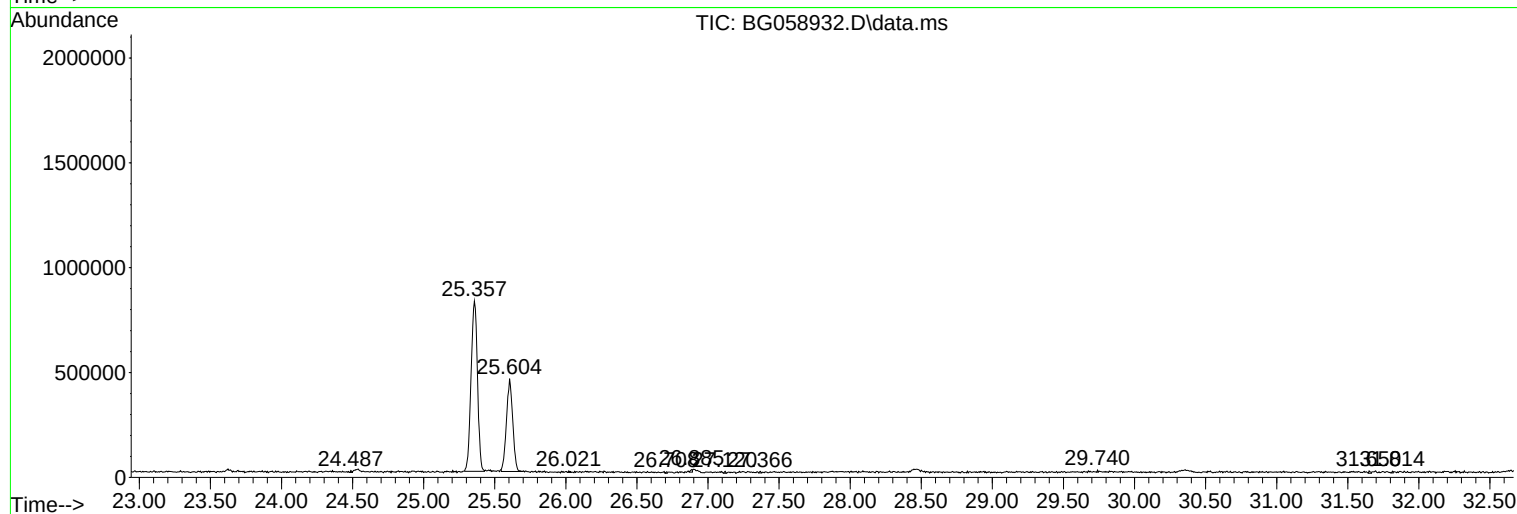
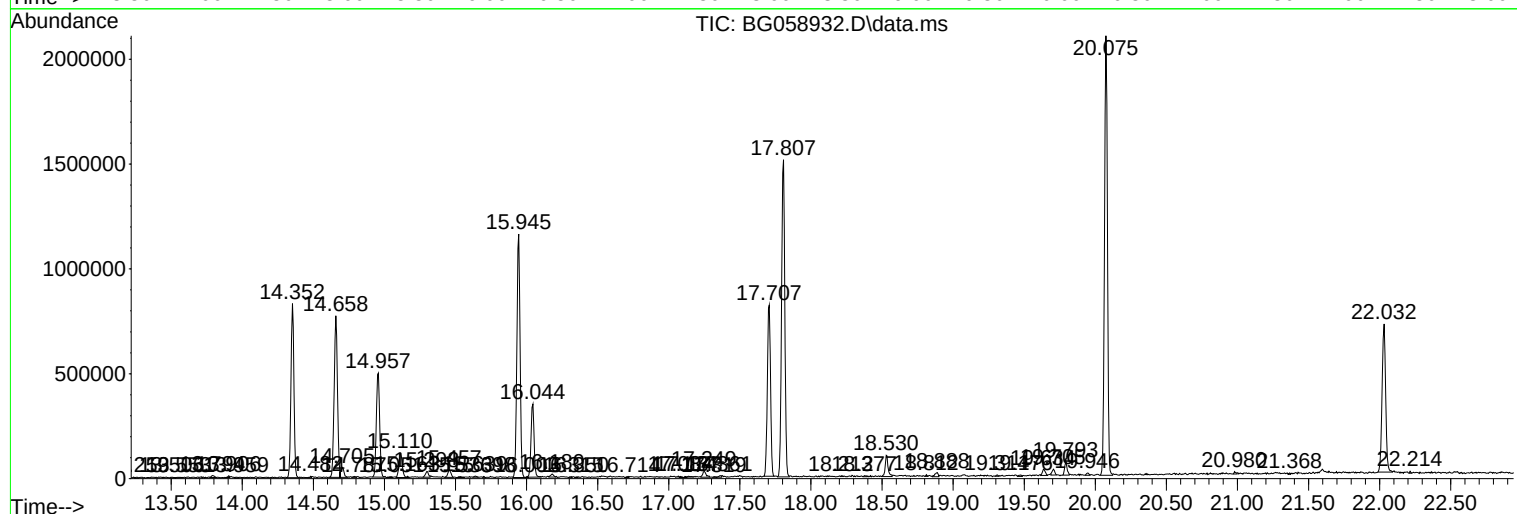
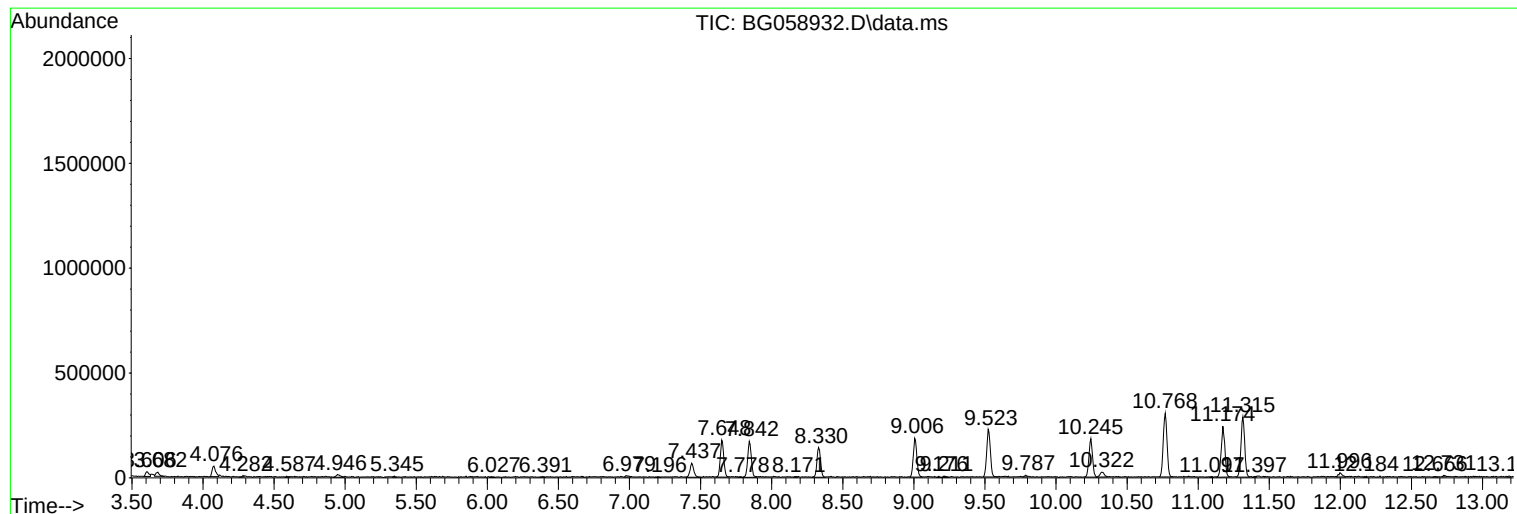
Sum of corrected areas: 22237639

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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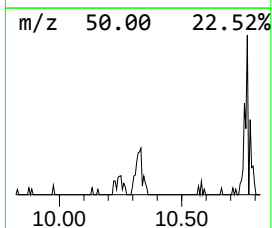
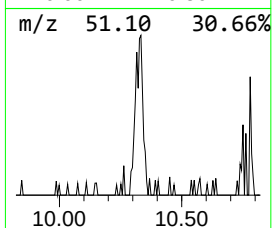
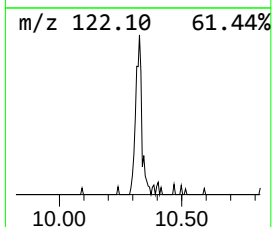
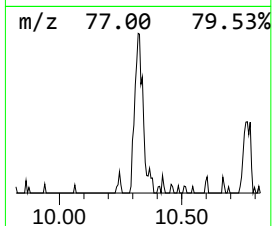
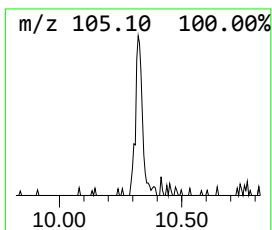
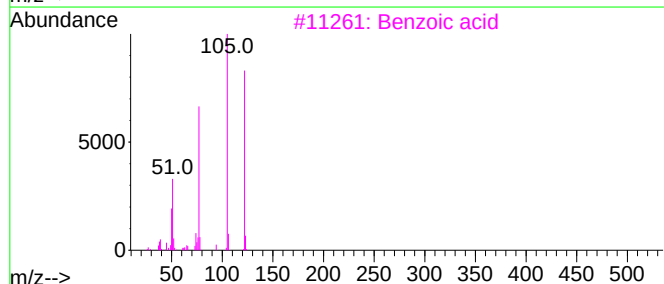
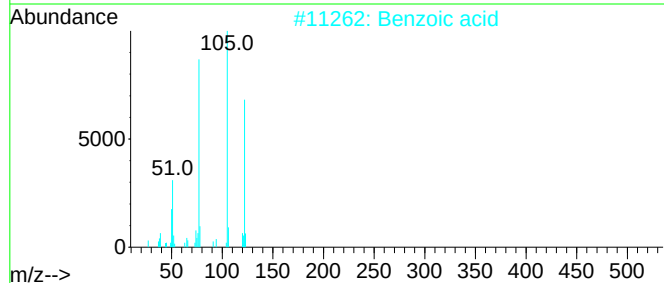
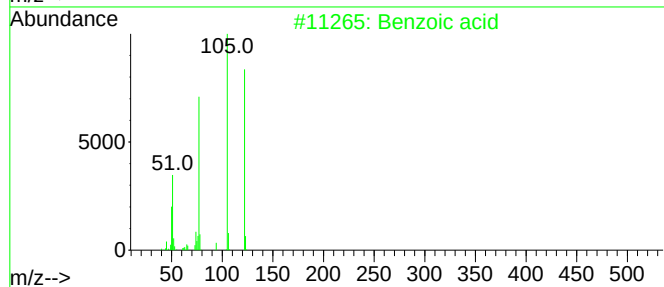
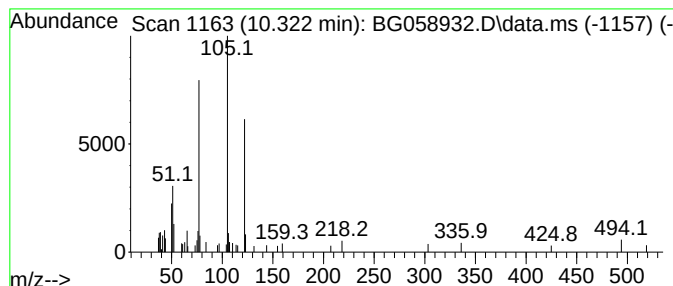
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	2.29 ng/ul	48678	Naphthalene-d8	11.174

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid	122	C7H6O2	000065-85-0	87
2			Benzoic acid	122	C7H6O2	000065-85-0	87
3			Benzoic acid	122	C7H6O2	000065-85-0	83
4			Benzoic acid	122	C7H6O2	000065-85-0	81
5			Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	72



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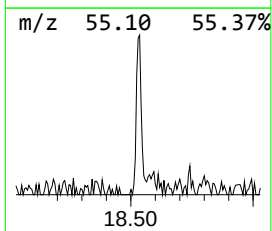
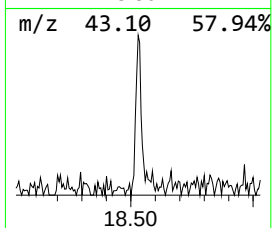
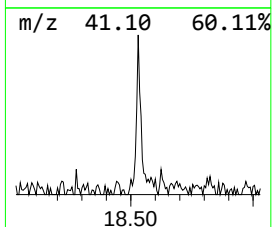
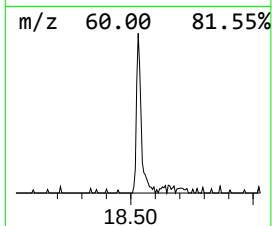
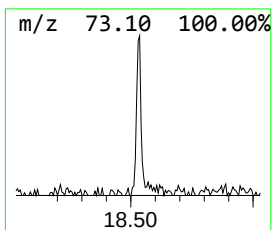
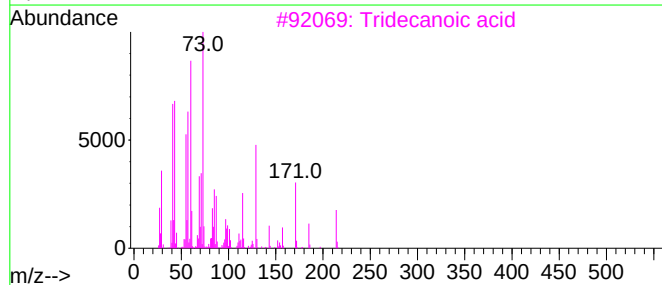
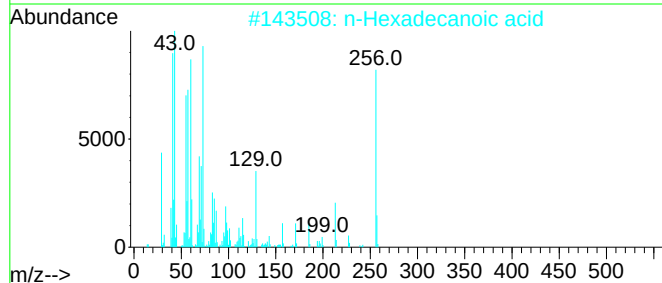
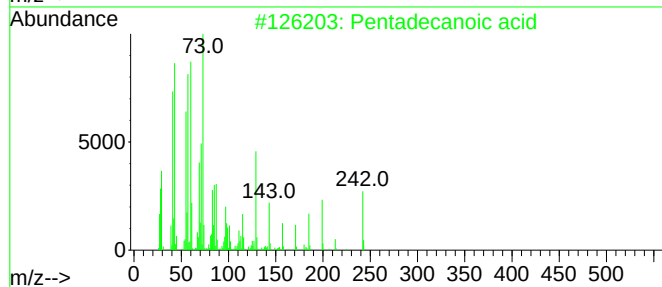
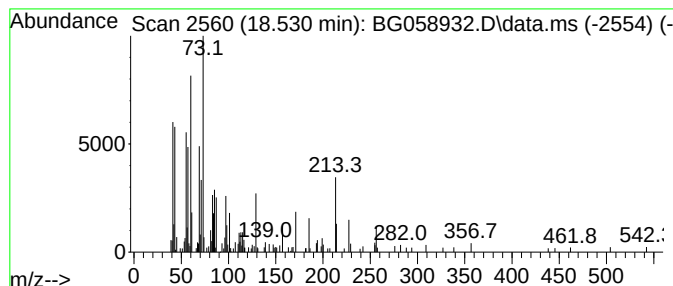
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.530	2.31 ng/ul	145308	Phenanthrene-d10	17.701

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzoic acid	10.322	2.3	ng/ul	48678	2	11.174	425428	20.0
Pentadecanoic acid	18.530	2.3	ng/ul	145308	4	17.701	1257460	20.0