LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
Data File : BG058119.D
Acq On : 9 Jul 2023 9:51
Operator : CG/JU
Sample : 03349-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YBW02

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.360	41	46	51	rVB3	8678	12157	0.91%	0.078%
2	3.578	81	83	86	rBV3	1148	1515	0.11%	0.010%
3	3.766	110	115	130	rBV	129375	208897	15.60%	1.340%
4	4.007	154	156	159	rVB2	1901	1909	0.14%	0.012%
5	4.101	169	172	178	rVB2	2910	4184	0.31%	0.027%
6	7.079	671	679	695	rVB	141102	244672	18.27%	1.570%
7	7.238	699	706	718	rBV	112188	186795	13.95%	1.198%
8	7.444	734	741	749	rBV	127029	221514	16.54%	1.421%
9	7.914	814	821	830	rBV	192875	316855	23.66%	2.033%
10	8.619	934	941	951	rBV	173977	305769	22.83%	1.962%
11	8.707	955	956	960	rVV3	1298	1379	0.10%	0.009%
12	9.077	1010	1019	1032	rBV	140592	247050	18.45%	1.585%
13	9.800	1135	1142	1151	rBV	113042	201982	15.08%	1.296%
14	10.340	1226	1234	1244	rBV	170071	310069	23.15%	1.989%
15	10.722	1291	1299	1309	rVB	274579	493828	36.87%	3.168%
16	10.851	1314	1321	1332	rVV	183254	334353	24.96%	2.145%
17	12.238	1553	1557	1561	rBV2	1400	1950	0.15%	0.013%
18	12.309	1565	1569	1575	rVB4	2918	4258	0.32%	0.027%
19	13.437	1756	1761	1767	rBV2	5119	9026	0.67%	0.058%
20	13.954	1841	1849	1855	rBV	395229	549253	41.01%	3.524%
21	14.248	1892	1899	1908	rBV	426218	667871	49.87%	4.285%
22	14.441	1930	1932	1935	rVB2	1524	1420	0.11%	0.009%
23	14.553	1944	1951	1964	rBV	501442	754843	56.36%	4.843%
24	14.753	1977	1985	2001	rBV	113267	226256	16.89%	1.452%
25	15.546	2113	2120	2132	rBV	595866	889272	66.40%	5.705%
26	15.658	2134	2139	2149	rBV	139368	208820	15.59%	1.340%
27	15.787	2159	2161	2166	rVB3	2731	2926	0.22%	0.019%
28	15.904	2176	2181	2190	rVB	94255	131266	9.80%	0.842%
29	16.040	2198	2204	2215	rBV	734350	1150149	85.87%	7.379%
30	16.110	2215	2216	2219	rVB2	2150	1439	0.11%	0.009%
31	16.468	2272	2277	2282	rBV3	6143	8608	0.64%	0.055%
32	16.821	2334	2337	2339	rBV2	1688	1645	0.12%	0.011%
33	17.003	2360	2368	2369	rBV4	1432	2445	0.18%	0.016%
34	17.044	2372	2375	2377	rBV3	1970	1930	0.14%	0.012%
35	17.209	2401	2403	2406	rVB4	1522	1555	0.12%	0.010%
36	17.297	2411	2418	2428	rBV	693870	1043279	77.90%	6.693%

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Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

37	17.397	2428	2435	2445	rVV	669139	1029424	76.86%	6.604%
38	17.479	2445	2449	2455	rVB6	10368	14635	1.09%	0.094%
39	18.131	2558	2560	2562	rBV2	1428	1607	0.12%	0.010%
40	18.184	2565	2569	2575	rBV4	24699	42013	3.14%	0.270%
41	18.255	2578	2581	2584	rVB3	2079	3336	0.25%	0.021%
42	18.390	2602	2604	2608	rVV4	1717	1900	0.14%	0.012%
43	18.443	2608	2613	2614	rVB5	1421	1883	0.14%	0.012%
44	18.466	2616	2617	2622	rVV2	1688	2559	0.19%	0.016%
45	18.501	2622	2623	2632	rVB5	2379	3593	0.27%	0.023%
46	18.566	2632	2634	2637	rBV2	1142	1621	0.12%	0.010%
47	18.595	2637	2639	2648	rVB6	1160	2365	0.18%	0.015%
48	18.901	2687	2691	2693	rVV2	1733	1841	0.14%	0.012%
49	18.936	2695	2697	2700	rVB2	1374	1523	0.11%	0.010%
50	19.107	2723	2726	2727	rBV3	1969	2242	0.17%	0.014%
51	19.248	2747	2750	2757	rVV2	10387	13607	1.02%	0.087%
52	19.318	2757	2762	2767	rVV	8096	12625	0.94%	0.081%
53	19.465	2782	2787	2789	rBV4	2549	3750	0.28%	0.024%
54	19.606	2808	2811	2814	rVB4	3095	3304	0.25%	0.021%
55	19.682	2818	2824	2835	rVV	813346	1221991	91.24%	7.840%
56	19.759	2835	2837	2841	rVV4	2950	3868	0.29%	0.025%
57	20.211	2911	2914	2917	rVV3	7642	6974	0.52%	0.045%
58	20.429	2949	2951	2953	rVV3	1684	1544	0.12%	0.010%
59	20.581	2975	2977	2981	rVB5	3764	4548	0.34%	0.029%
60	20.640	2985	2987	2991	rBV4	3724	5087	0.38%	0.033%
61	20.705	2994	2998	3002	rVV3	11154	12030	0.90%	0.077%
62	21.004	3047	3049	3050	rBV2	2340	1538	0.11%	0.010%
63	21.198	3079	3082	3085	rBV3	12978	17236	1.29%	0.111%
64	21.263	3085	3093	3095	rBV7	12409	33556	2.51%	0.215%
65	21.551	3135	3142	3156	rBV2	696692	1125907	84.06%	7.223%
66	21.733	3169	3173	3177	rVB3	13869	20373	1.52%	0.131%
67	22.326	3269	3274	3281	rBV3	20530	32590	2.43%	0.209%
68	23.002	3384	3389	3396	rVB2	28018	54074	4.04%	0.347%
69	23.184	3416	3420	3426	rVB3	13046	22588	1.69%	0.145%
70	23.783	3515	3522	3530	rBV2	35662	76749	5.73%	0.492%
71	24.488	3631	3642	3656	rBV2	478297	1284431	95.90%	8.240%
72	24.706	3668	3679	3693	rVB	484498	1339338	100.00%	8.593%
73	25.810	3857	3867	3879	rBV2	45126	133392	9.96%	0.856%
74	26.510	3984	3986	3987	rBV2	2996	2888	0.22%	0.019%
75	27.132	4080	4092	4102	rBV4	40649	141185	10.54%	0.906%
76	28.719	4353	4362	4374	rVB4	28185	110919	8.28%	0.712%

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Integrator: RTE
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Title : SVOA CALIBRATION

77	30.634	4680	4688	4689	rBV5	17626	34968	2.61%	0.224%
78	30.869	4726	4728	4729	rBV2	3200	2390	0.18%	0.015%
79	32.091	4934	4936	4938	rBV3	2693	1707	0.13%	0.011%

Sum of corrected areas: 15586838

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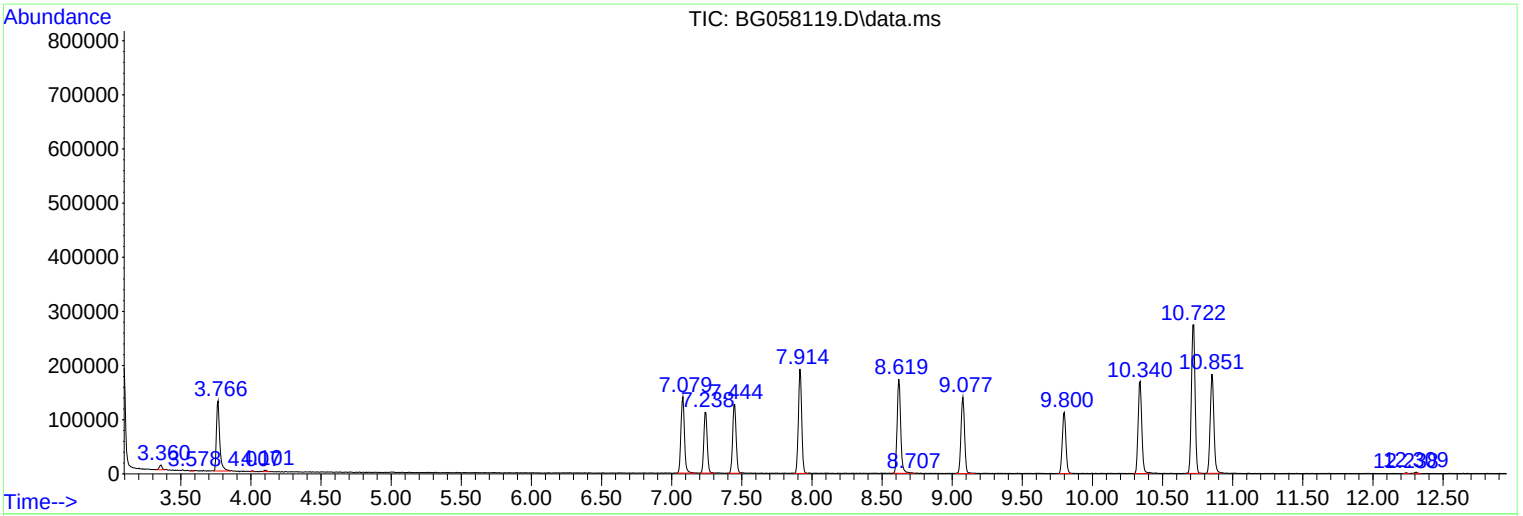
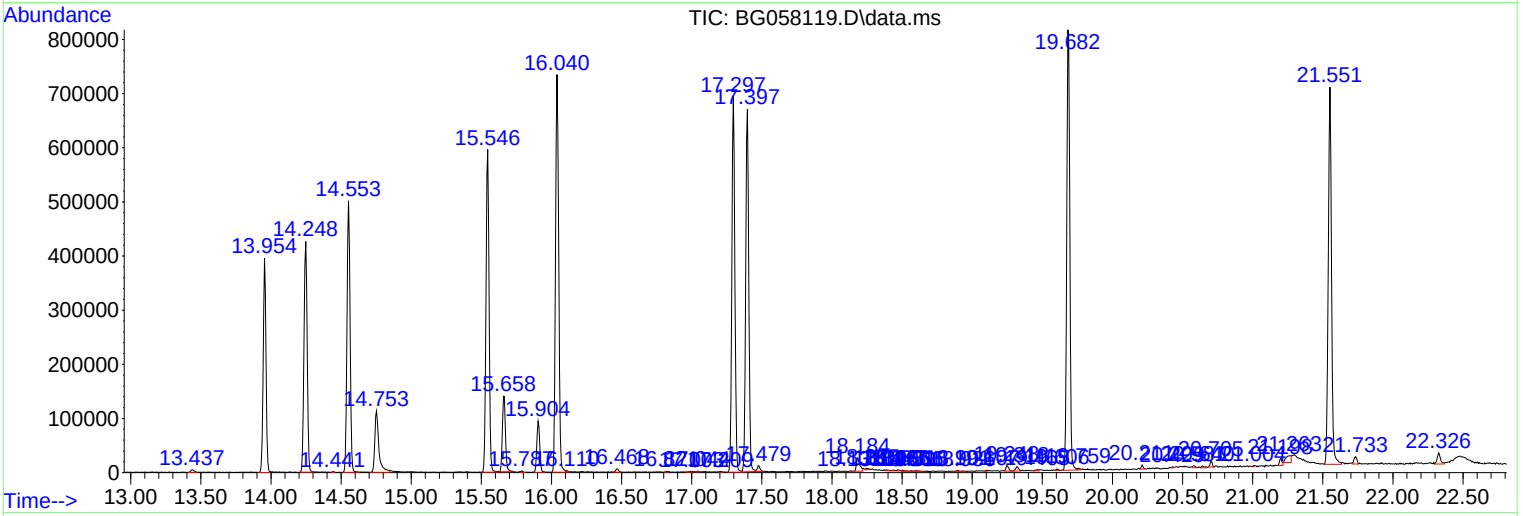
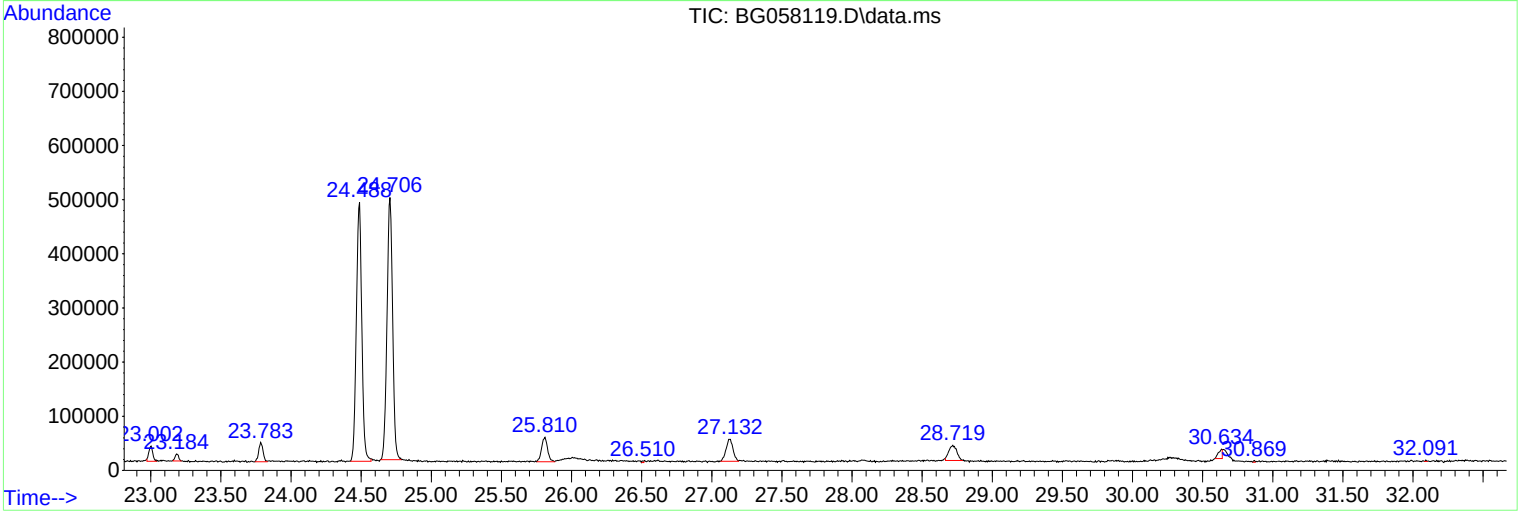
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

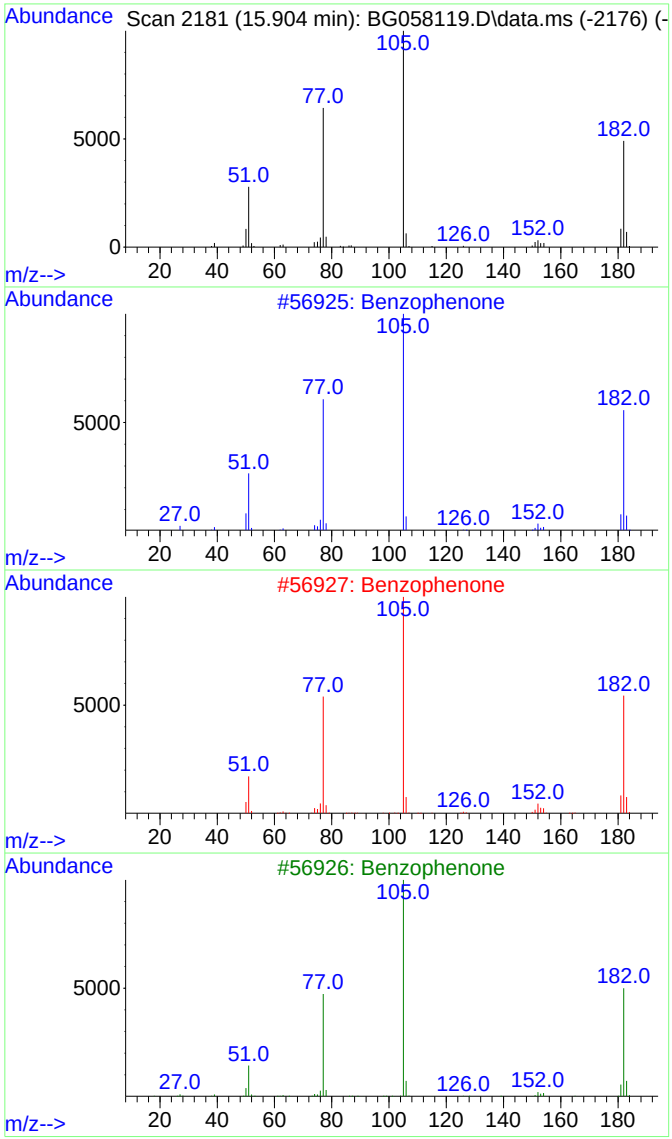
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

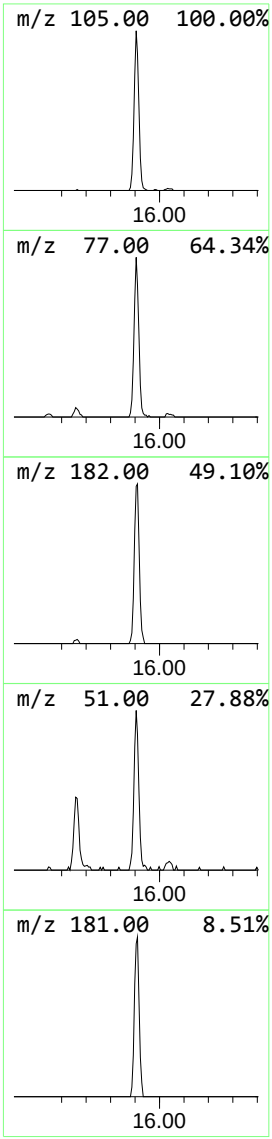
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	3.48 ng/ul	131266	Acenaphthene-d10	14.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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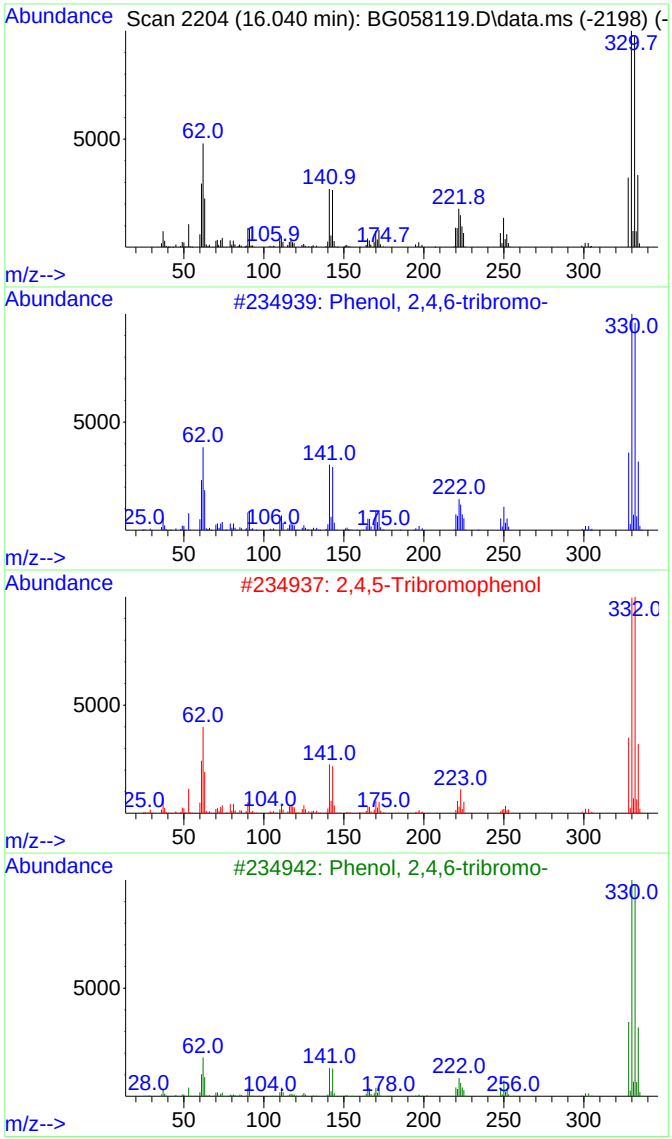
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

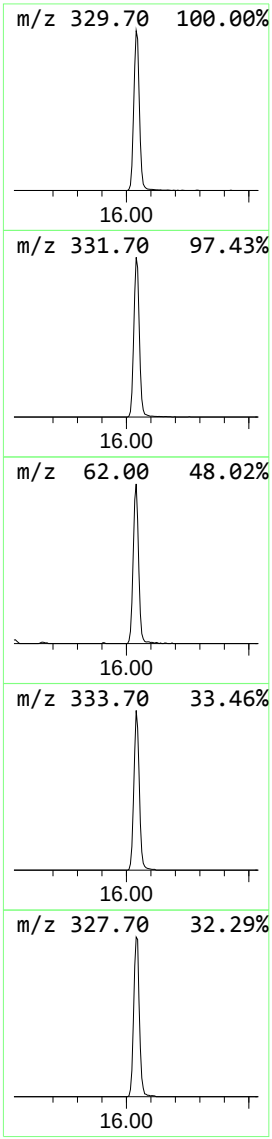
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2,4,6-tribromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	22.05 ng/ul	1150150	Phenanthrene-d10	17.297

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	99
2	2,4,5-Tribromophenol	328	C6H3Br3O	014401-61-7	99
3	Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	99
4	Phenol, 2,3,5-tribromo-	328	C6H3Br3O	057383-81-0	99
5	2,3,4-Tribromophenol	328	C6H3Br3O	138507-65-0	99





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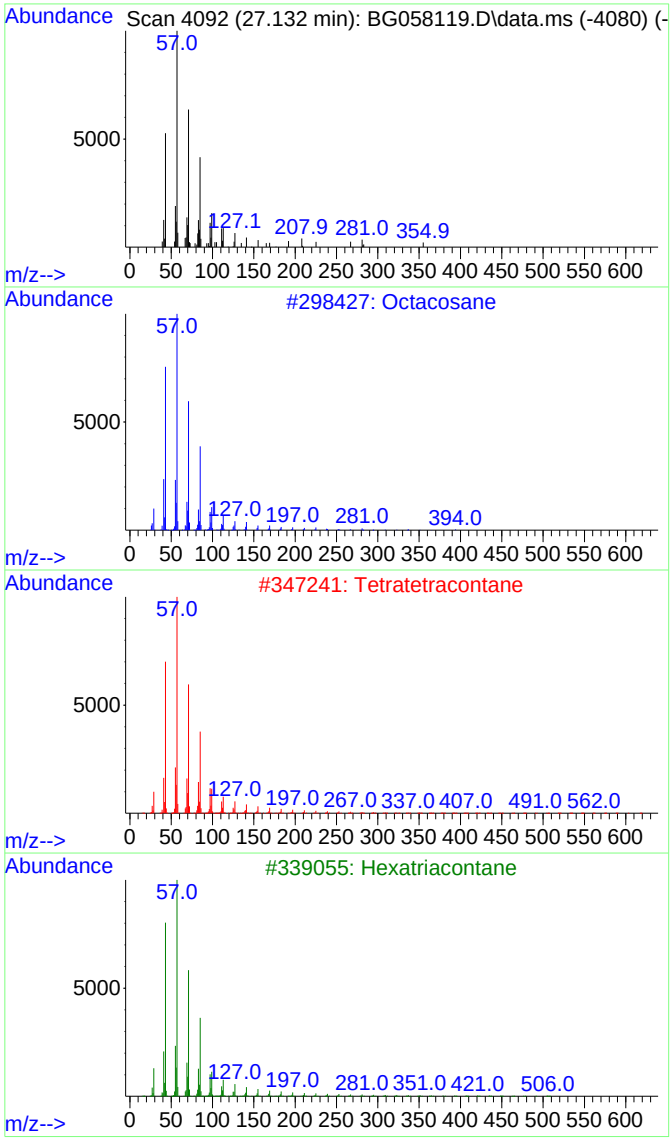
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

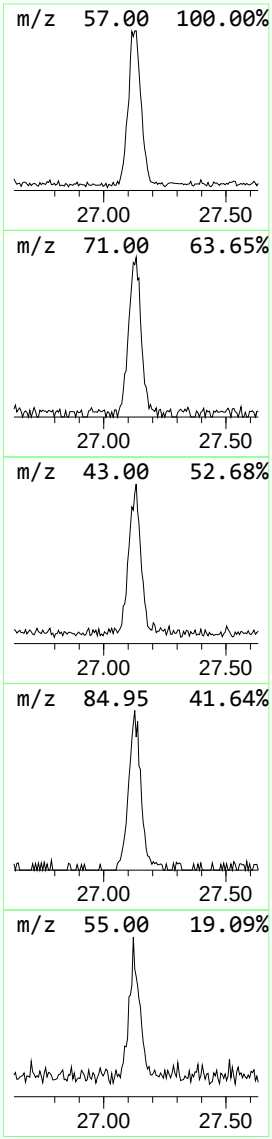
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.132	2.11 ng/ul	141185	Perylene-d12	24.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.904	3.5	ng/ul	131266	3	14.553	754843	20.0
Phenol, 2,4,6-t...	16.040	22.1	ng/ul	1150150	4	17.297	1043280	20.0
(DEL) Alkane: S...	27.132	2.1	ng/ul	141185	6	24.706	1339340	20.0