

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031664.D
 Acq On : 24 May 2024 16:59
 Operator : MA/JU
 Sample : P2548-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH617

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_N\Methods\SFAM-EPA-BN052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031664.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	34	37	41	rVB4	9279	14368	0.27%	0.048%
2	3.464	77	81	92	rBV	102515	146461	2.72%	0.485%
3	3.923	155	159	166	rVB	23974	35629	0.66%	0.118%
4	4.717	289	294	296	rBV5	4096	5818	0.11%	0.019%
5	4.823	308	312	319	rVB5	5662	11501	0.21%	0.038%
6	5.711	458	463	465	rBV6	3753	5506	0.10%	0.018%
7	5.787	472	476	482	rVB2	10924	16689	0.31%	0.055%
8	6.664	620	625	627	rBV6	5577	6882	0.13%	0.023%
9	6.852	650	657	660	rBV2	18918	34527	0.64%	0.114%
10	7.028	681	687	695	rBV2	16613	32879	0.61%	0.109%
11	7.222	714	720	725	rVB2	16777	28589	0.53%	0.095%
12	7.299	728	733	738	rBV2	14436	25994	0.48%	0.086%
13	7.687	792	799	807	rVV	1724721	2728196	50.68%	9.025%
14	7.752	807	810	817	rVB9	5199	10898	0.20%	0.036%
15	8.222	885	890	892	rBV6	5639	8176	0.15%	0.027%
16	8.387	913	918	925	rBV2	19559	35275	0.66%	0.117%
17	8.458	925	930	934	rBV7	3112	6124	0.11%	0.020%
18	8.787	979	986	989	rBV8	3458	7734	0.14%	0.026%
19	8.840	989	995	1001	rVV2	15976	26454	0.49%	0.088%
20	9.005	1020	1023	1027	rVB6	5425	8302	0.15%	0.027%
21	9.263	1062	1067	1072	rVB5	6149	10600	0.20%	0.035%
22	9.410	1085	1092	1097	rBV	25565	39447	0.73%	0.130%
23	9.558	1109	1117	1123	rVB9	8841	15163	0.28%	0.050%
24	9.775	1151	1154	1159	rBV7	4051	7436	0.14%	0.025%
25	9.969	1184	1187	1193	rVB8	4489	7387	0.14%	0.024%
26	10.093	1198	1208	1214	rBV3	16652	32174	0.60%	0.106%
27	10.258	1230	1236	1240	rBV3	12297	21350	0.40%	0.071%
28	10.469	1264	1272	1281	rBV	2118991	3587349	66.64%	11.868%
29	10.610	1291	1296	1304	rVB3	16742	31429	0.58%	0.104%
30	11.016	1358	1365	1369	rVV5	13718	22469	0.42%	0.074%
31	11.210	1389	1398	1412	rBV	98960	191855	3.56%	0.635%
32	11.499	1442	1447	1451	rVB7	5713	7596	0.14%	0.025%
33	11.740	1485	1488	1494	rVB8	4126	6356	0.12%	0.021%
34	11.969	1524	1527	1532	rVB5	5530	9478	0.18%	0.031%
35	12.063	1538	1543	1549	rVB	22419	37522	0.70%	0.124%
36	12.140	1553	1556	1559	rVB5	5363	6917	0.13%	0.023%

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37	12.357	1591	1593	1599	rVB7	5982	7004	0.13%	0.023%
38	13.151	1724	1728	1734	rBV7	6713	12288	0.23%	0.041%
39	13.646	1807	1812	1818	rVB9	6172	10386	0.19%	0.034%
40	13.740	1824	1828	1833	rBV	26192	38713	0.72%	0.128%
41	13.781	1833	1835	1838	rVV4	7336	8258	0.15%	0.027%
42	13.975	1864	1868	1871	rBV6	12775	18958	0.35%	0.063%
43	14.016	1871	1875	1878	rVV2	31081	54146	1.01%	0.179%
44	14.046	1878	1880	1886	rVB	41574	56332	1.05%	0.186%
45	14.234	1909	1912	1917	rVB6	5689	6674	0.12%	0.022%
46	14.328	1919	1928	1935	rBV	2580789	3824205	71.04%	12.651%
47	14.381	1936	1937	1942	rVB4	6595	8755	0.16%	0.029%
48	14.534	1956	1963	1964	rBV3	51580	69888	1.30%	0.231%
49	14.551	1964	1966	1973	rVB3	57919	75597	1.40%	0.250%
50	14.722	1991	1995	1996	rBV4	7321	7399	0.14%	0.024%
51	14.746	1997	1999	2002	rVV3	9680	10063	0.19%	0.033%
52	14.934	2027	2031	2035	rBV7	4827	9636	0.18%	0.032%
53	15.140	2059	2066	2071	rBV8	6122	13743	0.26%	0.045%
54	15.193	2071	2075	2081	rVB8	9772	16757	0.31%	0.055%
55	15.322	2092	2097	2101	rBV2	43479	64921	1.21%	0.215%
56	15.375	2102	2106	2112	rVV5	9582	19169	0.36%	0.063%
57	16.045	2217	2220	2227	rBV5	13555	22394	0.42%	0.074%
58	16.216	2243	2249	2254	rBV9	8745	17102	0.32%	0.057%
59	16.269	2254	2258	2262	rBV7	4340	7171	0.13%	0.024%
60	16.345	2268	2271	2273	rBV4	4213	6257	0.12%	0.021%
61	16.422	2281	2284	2287	rBV5	7324	8140	0.15%	0.027%
62	16.722	2332	2335	2343	rVB6	10121	20024	0.37%	0.066%
63	16.840	2352	2355	2360	rVV3	11744	22532	0.42%	0.075%
64	16.887	2361	2363	2368	rVB3	11157	13331	0.25%	0.044%
65	17.004	2380	2383	2387	rVB4	6742	8401	0.16%	0.028%
66	17.069	2387	2394	2399	rBV	2757546	3937902	73.15%	13.027%
67	17.110	2399	2401	2407	rVV	169649	222361	4.13%	0.736%
68	17.169	2407	2411	2414	rVV	44708	66352	1.23%	0.220%
69	17.204	2414	2417	2422	rVB	44501	57526	1.07%	0.190%
70	17.257	2424	2426	2429	rVB4	7202	7469	0.14%	0.025%
71	17.475	2456	2463	2468	rBV2	16096	26485	0.49%	0.088%
72	17.651	2490	2493	2497	rVB6	8571	11471	0.21%	0.038%
73	17.757	2506	2511	2515	rBV7	12862	19507	0.36%	0.065%
74	17.969	2539	2547	2558	rBV2	213220	448061	8.32%	1.482%
75	18.134	2570	2575	2579	rBV2	51831	92533	1.72%	0.306%
76	18.175	2579	2582	2587	rVB3	32076	49712	0.92%	0.164%

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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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Title : SVOA CALIBRATION

77	18.451	2625	2629	2632	rBV	25836	34341	0.64%	0.114%
78	18.486	2632	2635	2642	rVB5	26367	42383	0.79%	0.140%
79	18.745	2677	2679	2682	rVB4	11725	11434	0.21%	0.038%
80	18.869	2696	2700	2704	rBV2	38760	58140	1.08%	0.192%
81	19.004	2720	2723	2731	rBV3	22665	38833	0.72%	0.128%
82	19.128	2736	2744	2750	rBV	475143	697224	12.95%	2.307%
83	19.257	2762	2766	2775	rBV3	110598	173902	3.23%	0.575%
84	19.410	2790	2792	2797	rVB4	32257	31721	0.59%	0.105%
85	19.463	2797	2801	2802	rBV2	104836	121499	2.26%	0.402%
86	19.492	2802	2806	2816	rVB	423687	643361	11.95%	2.128%
87	19.992	2888	2891	2894	rVB	60725	76035	1.41%	0.252%
88	20.392	2955	2959	2967	rVB	615603	812098	15.09%	2.687%
89	20.992	3058	3061	3067	rVB5	186235	272429	5.06%	0.901%
90	21.298	3106	3113	3118	rBV	2947124	4788870	88.96%	15.843%
91	21.345	3118	3121	3132	rVB	256422	413925	7.69%	1.369%
92	24.233	3604	3612	3636	rVB	1992883	5383400	100.00%	17.809%

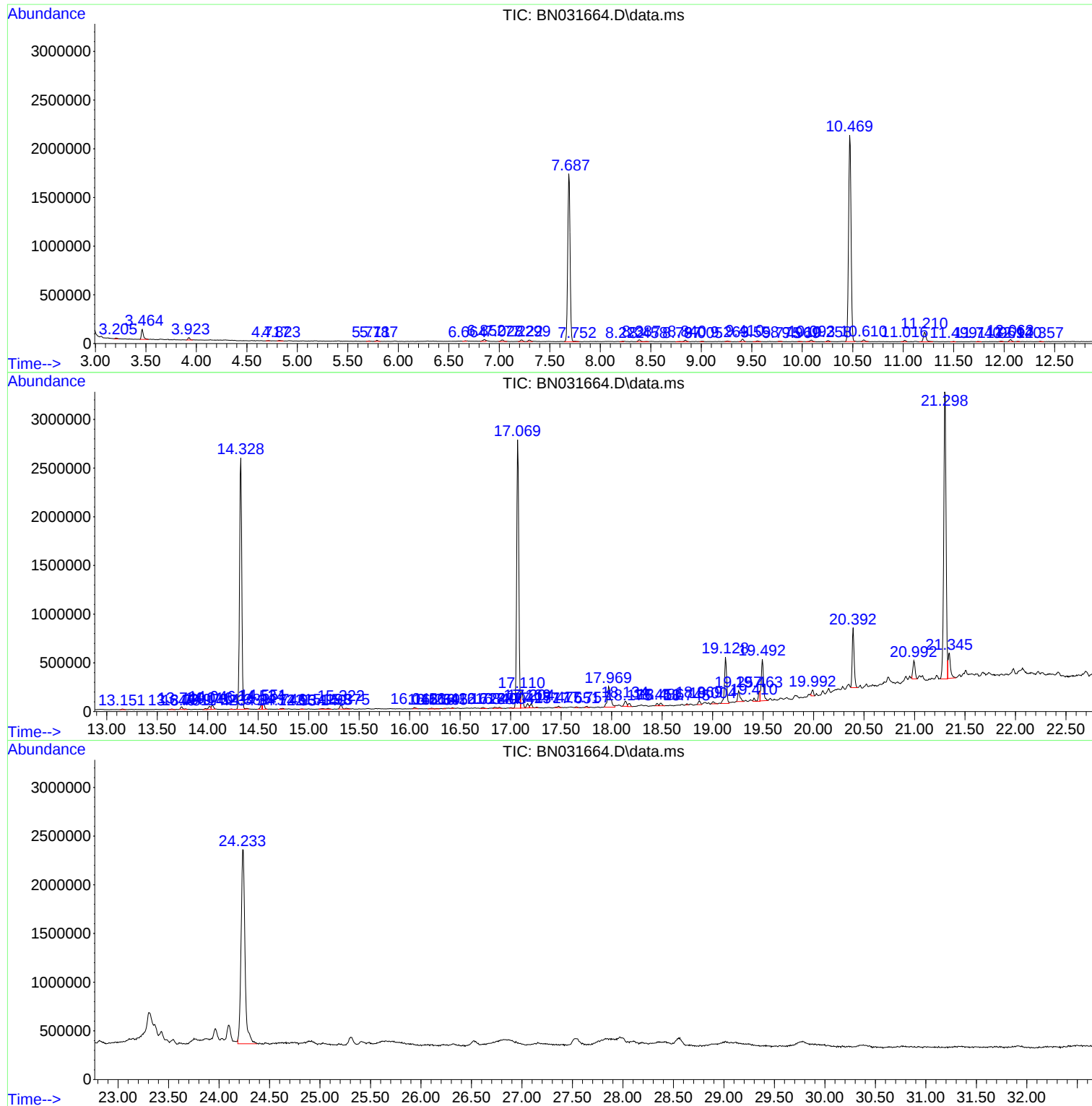
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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



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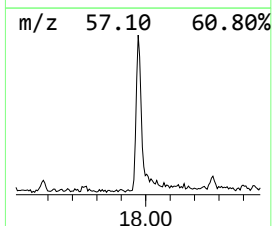
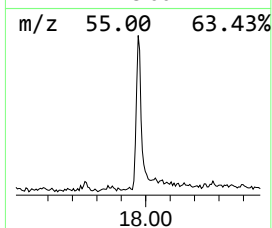
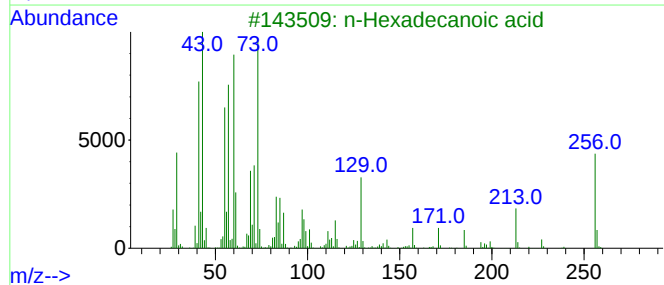
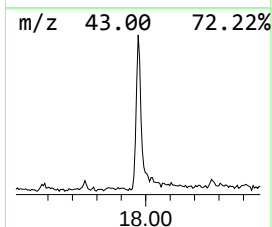
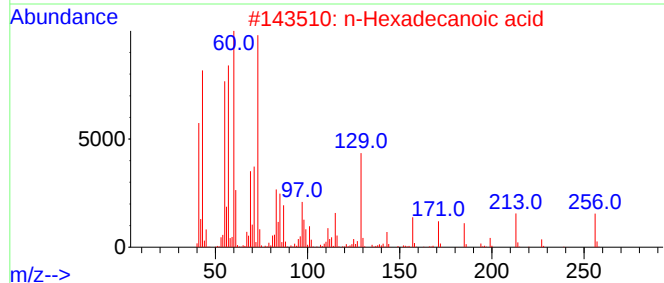
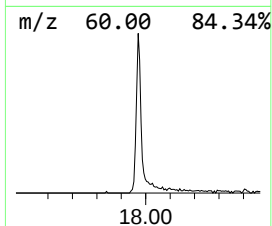
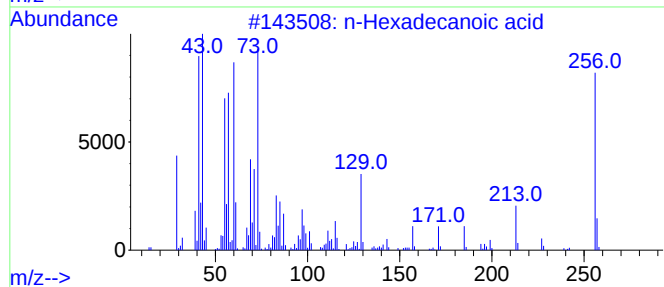
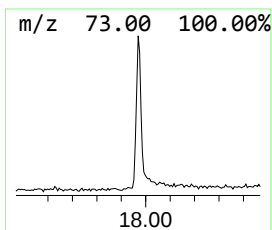
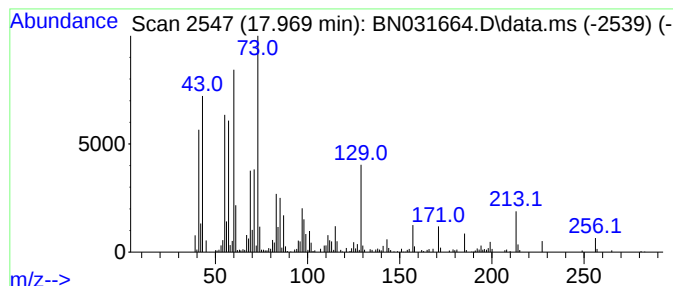
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	2.28 ng/ul	448061	Phenanthrene-d10	17.069

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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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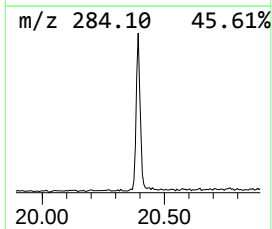
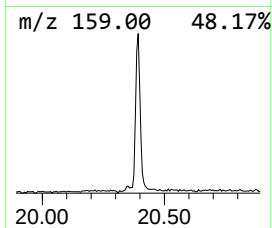
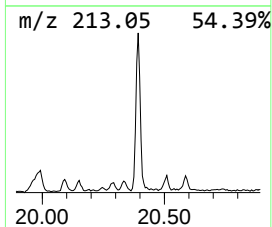
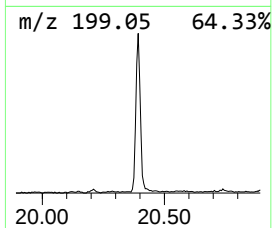
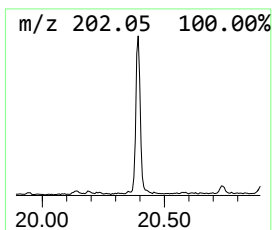
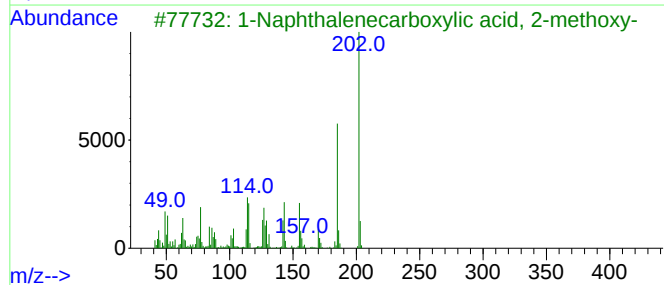
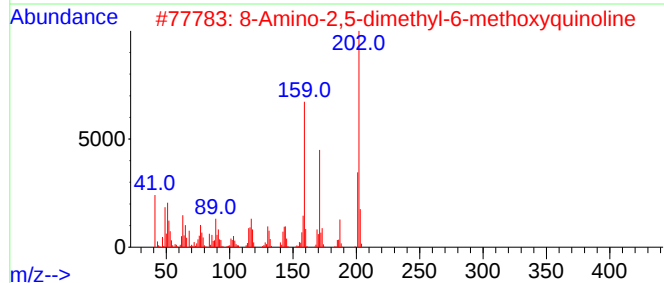
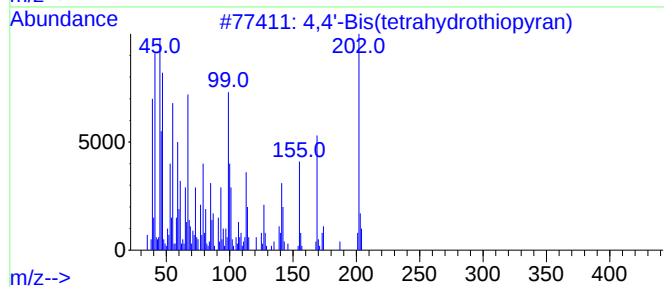
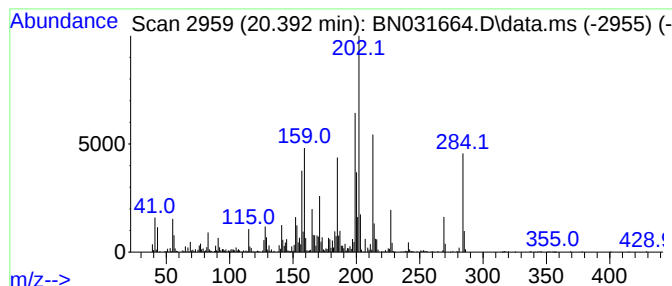
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.392	3.39 ng/ul	812098	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2			8-Amino-2,5-dimethyl-6-methoxyqu...	202	C12H14N2O	1000214-69-9	38
3			1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	30
4			4-Carbamoyl-3-methoxyquinoline	202	C11H10N2O2	020844-05-7	30
5			1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	25



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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
n-Hexadecanoic ...	17.969	2.3	ng/ul	448061	4	17.069	3937900	20.0
4,4'-Bis(tetrahydro-2H-pyran-2-ylidene)-5,5'-dithiobis(2-methyl-6-phenyl-4-pyridylmethanol)	20.392	3.4	ng/ul	812098	5	21.298	4788870	20.0