

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016910.D
 Acq On : 01 Sep 2023 16:30
 Operator : MA/JU
 Sample : 04134-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHK4

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_P\Methods\SFAM-EPA-BP082423.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP016910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	11	15	31	rVB	113880	181656	1.93%	0.173%
2	3.687	65	68	74	rBV5	12300	22035	0.23%	0.021%
3	3.817	86	90	109	rVB	373397	580934	6.17%	0.554%
4	4.011	118	123	129	rVB	50142	77353	0.82%	0.074%
5	4.122	139	142	147	rVB	25320	32143	0.34%	0.031%
6	4.511	206	208	215	rVB8	9782	16061	0.17%	0.015%
7	5.064	298	302	306	rVB	16378	20268	0.22%	0.019%
8	5.646	397	401	405	rVB5	9422	15698	0.17%	0.015%
9	6.963	620	625	629	rBV5	9982	16121	0.17%	0.015%
10	7.169	650	660	671	rVB	434078	708372	7.52%	0.675%
11	7.358	681	692	704	rBV	1659674	2529400	26.85%	2.411%
12	7.540	715	723	733	rBV	1551514	2458926	26.10%	2.343%
13	7.628	733	738	748	rVB6	13828	35697	0.38%	0.034%
14	8.022	797	805	814	rBV	1555689	2505548	26.60%	2.388%
15	8.093	814	817	824	rVB6	10319	23334	0.25%	0.022%
16	8.369	856	864	869	rVB3	23334	40352	0.43%	0.038%
17	8.728	918	925	934	rVV	1258251	2038999	21.65%	1.943%
18	8.805	934	938	945	rVV10	14599	34098	0.36%	0.032%
19	8.893	945	953	958	rVV	93541	155976	1.66%	0.149%
20	8.940	958	961	967	rVB8	8352	11478	0.12%	0.011%
21	9.134	986	994	1000	rBV3	26590	50637	0.54%	0.048%
22	9.216	1000	1008	1021	rBV	1900010	3094076	32.85%	2.949%
23	9.434	1041	1045	1051	rVB3	13498	20653	0.22%	0.020%
24	9.775	1098	1103	1111	rVB3	5464	11847	0.13%	0.011%
25	9.934	1122	1130	1141	rBV	1524241	2492176	26.46%	2.375%
26	10.122	1157	1162	1167	rVB5	12050	19756	0.21%	0.019%
27	10.252	1177	1184	1190	rBV6	13473	22996	0.24%	0.022%
28	10.410	1204	1211	1212	rBV5	13818	18402	0.20%	0.018%
29	10.457	1212	1219	1228	rVV	2169980	3671640	38.98%	3.499%
30	10.522	1228	1230	1239	rVV4	25583	50200	0.53%	0.048%
31	10.610	1239	1245	1251	rVV9	13356	30881	0.33%	0.029%
32	10.763	1265	1271	1277	rVB7	11085	24757	0.26%	0.024%
33	10.852	1277	1286	1293	rBV	2147007	3656263	38.81%	3.485%
34	10.899	1293	1294	1301	rVB4	12461	14983	0.16%	0.014%
35	11.010	1305	1313	1325	rBV	1363594	2396081	25.44%	2.284%
36	11.369	1368	1374	1379	rBV8	7243	17119	0.18%	0.016%

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37	11.599	1409	1413	1416	rBV6	9442	13554	0.14%	0.013%
38	11.669	1421	1425	1431	rVB8	10392	16507	0.18%	0.016%
39	11.851	1449	1456	1458	rBV8	4986	10438	0.11%	0.010%
40	11.928	1464	1469	1474	rVB3	20880	34355	0.36%	0.033%
41	12.004	1474	1482	1487	rBV3	21892	44193	0.47%	0.042%
42	12.428	1546	1554	1560	rBV2	45143	85033	0.90%	0.081%
43	12.640	1586	1590	1596	rVB9	8771	17237	0.18%	0.016%
44	12.740	1596	1607	1613	rBV4	28980	74748	0.79%	0.071%
45	12.863	1623	1628	1634	rBV8	20367	37383	0.40%	0.036%
46	12.998	1647	1651	1653	rBV4	8831	13682	0.15%	0.013%
47	13.034	1655	1657	1663	rVB7	11752	14165	0.15%	0.013%
48	13.181	1673	1682	1687	rBV6	33601	81537	0.87%	0.078%
49	13.316	1700	1705	1710	rVB2	22281	32872	0.35%	0.031%
50	13.428	1720	1724	1726	rBV4	7367	11113	0.12%	0.011%
51	13.510	1732	1738	1745	rBV3	194221	303464	3.22%	0.289%
52	13.857	1795	1797	1803	rVB7	8781	11902	0.13%	0.011%
53	13.916	1803	1807	1810	rBV4	12841	18285	0.19%	0.017%
54	14.087	1829	1836	1843	rBV	4306372	5834893	61.94%	5.561%
55	14.287	1867	1870	1875	rVB7	13337	18815	0.20%	0.018%
56	14.375	1878	1885	1896	rBV	4892354	6978353	74.08%	6.651%
57	14.498	1902	1906	1917	rVB	17842	42129	0.45%	0.040%
58	14.675	1926	1936	1943	rBV	3116445	4601113	48.85%	4.385%
59	14.740	1943	1947	1952	rVB4	17261	29829	0.32%	0.028%
60	14.828	1952	1962	1968	rBV	397336	581471	6.17%	0.554%
61	14.892	1968	1973	1981	rBV	344796	556565	5.91%	0.530%
62	15.075	1995	2004	2015	rVB	202285	340870	3.62%	0.325%
63	15.210	2022	2027	2031	rBV	199886	268185	2.85%	0.256%
64	15.251	2031	2034	2037	rVV5	22984	33772	0.36%	0.032%
65	15.292	2037	2041	2051	rVB3	66881	136371	1.45%	0.130%
66	15.457	2066	2069	2072	rVB5	14089	15921	0.17%	0.015%
67	15.675	2099	2106	2112	rBV	5916030	8477333	89.99%	8.079%
68	15.734	2112	2116	2121	rVV2	93961	141387	1.50%	0.135%
69	15.798	2121	2127	2133	rVV	2084117	2769082	29.40%	2.639%
70	15.916	2142	2147	2156	rBV2	199912	308369	3.27%	0.294%
71	16.016	2161	2164	2174	rVB4	29427	73682	0.78%	0.070%
72	16.134	2181	2184	2187	rBV3	18807	24454	0.26%	0.023%
73	16.175	2187	2191	2200	rVB3	38197	65944	0.70%	0.063%
74	16.251	2200	2204	2210	rBV3	66414	100261	1.06%	0.096%
75	16.334	2214	2218	2225	rVV2	36251	65641	0.70%	0.063%
76	16.410	2227	2231	2236	rVV6	42890	80295	0.85%	0.077%

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77	16.463	2237	2240	2245	rVB	46099	60441	0.64%	0.058%
78	16.616	2262	2266	2270	rBV4	34447	48071	0.51%	0.046%
79	16.704	2277	2281	2286	rBV2	60008	84528	0.90%	0.081%
80	16.945	2319	2322	2328	rBV5	25390	34336	0.36%	0.033%
81	17.004	2328	2332	2336	rVB	104711	128460	1.36%	0.122%
82	17.069	2337	2343	2352	rBV2	869198	1373192	14.58%	1.309%
83	17.263	2373	2376	2381	rVB3	33887	44461	0.47%	0.042%
84	17.392	2396	2398	2401	rBV2	19938	27311	0.29%	0.026%
85	17.445	2401	2407	2414	rVV	3537119	4968011	52.74%	4.735%
86	17.545	2418	2424	2439	rVV2	6458682	9010106	95.65%	8.587%
87	17.663	2440	2444	2454	rVB2	54539	140618	1.49%	0.134%
88	17.863	2473	2478	2487	rVB	1638023	2169450	23.03%	2.068%
89	18.069	2509	2513	2517	rBV5	48812	81037	0.86%	0.077%
90	18.281	2545	2549	2559	rBV	395267	596716	6.33%	0.569%
91	18.563	2592	2597	2602	rBV2	66223	106445	1.13%	0.101%
92	18.839	2642	2644	2650	rVB3	51291	64180	0.68%	0.061%
93	19.116	2688	2691	2695	rBV2	56151	82915	0.88%	0.079%
94	19.351	2728	2731	2735	rBV	65319	78558	0.83%	0.075%
95	19.422	2740	2743	2745	rVV	64884	71286	0.76%	0.068%
96	19.516	2755	2759	2765	rBV2	327749	472134	5.01%	0.450%
97	19.780	2798	2804	2819	rBV	7271709	9419818	100.00%	8.978%
98	21.545	3099	3104	3109	rBV	3029651	4040266	42.89%	3.851%
99	23.945	3505	3512	3522	rVB2	4022408	8239282	87.47%	7.852%
100	24.116	3534	3541	3549	rVB	1944978	4122717	43.77%	3.929%

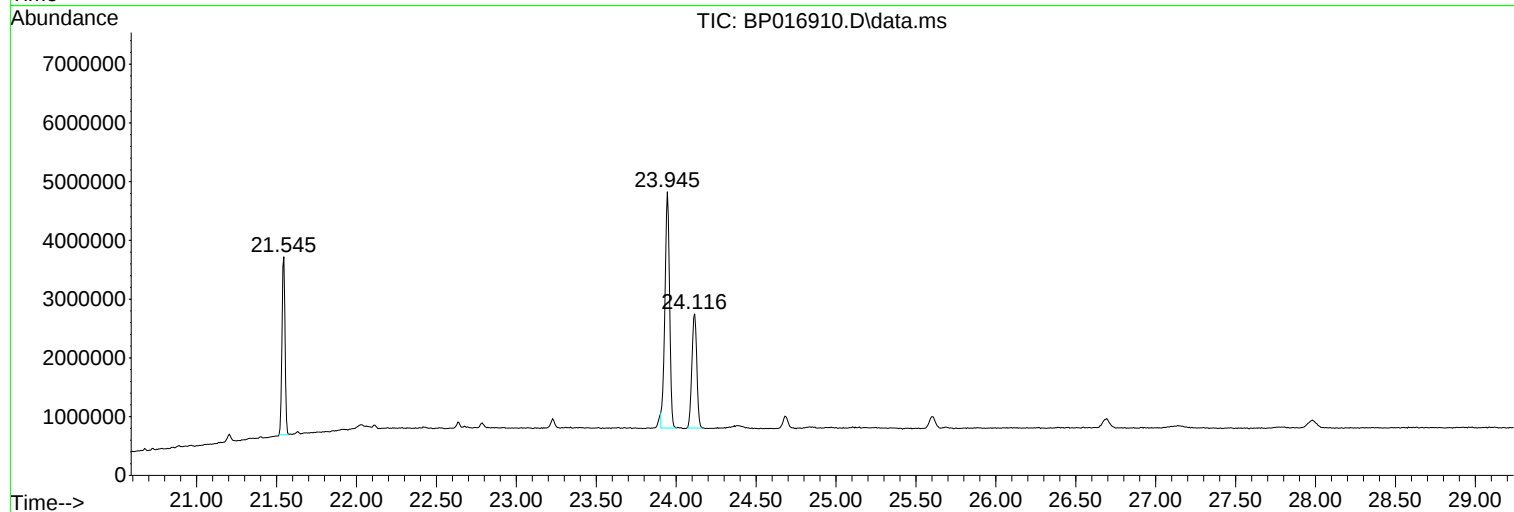
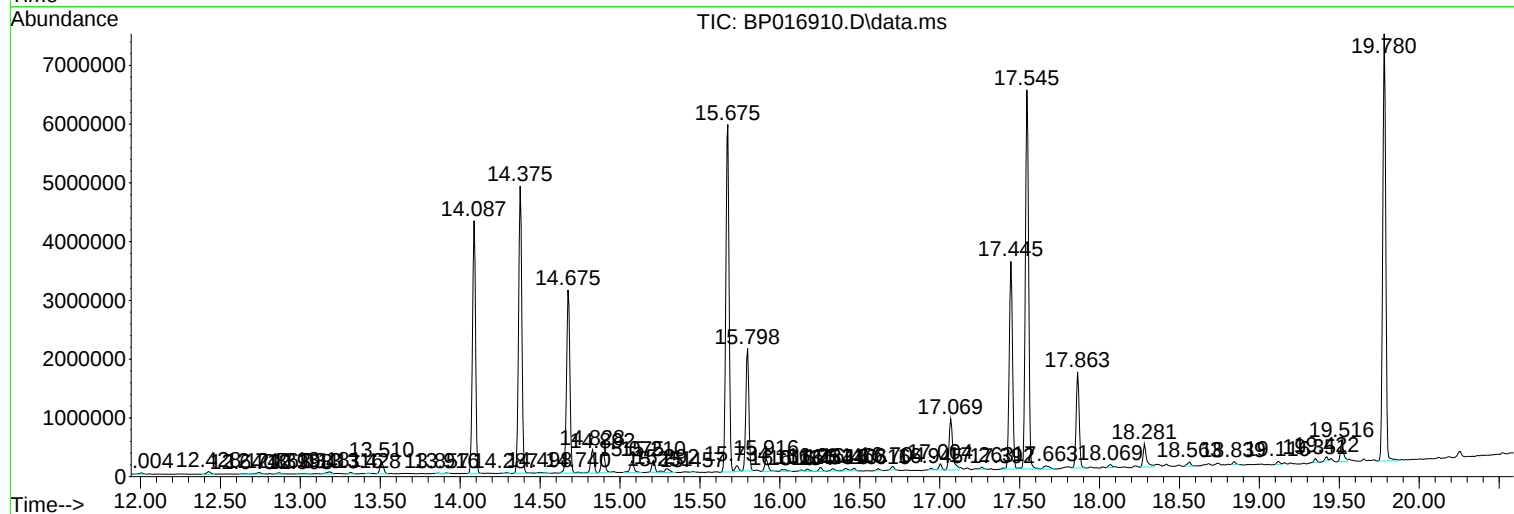
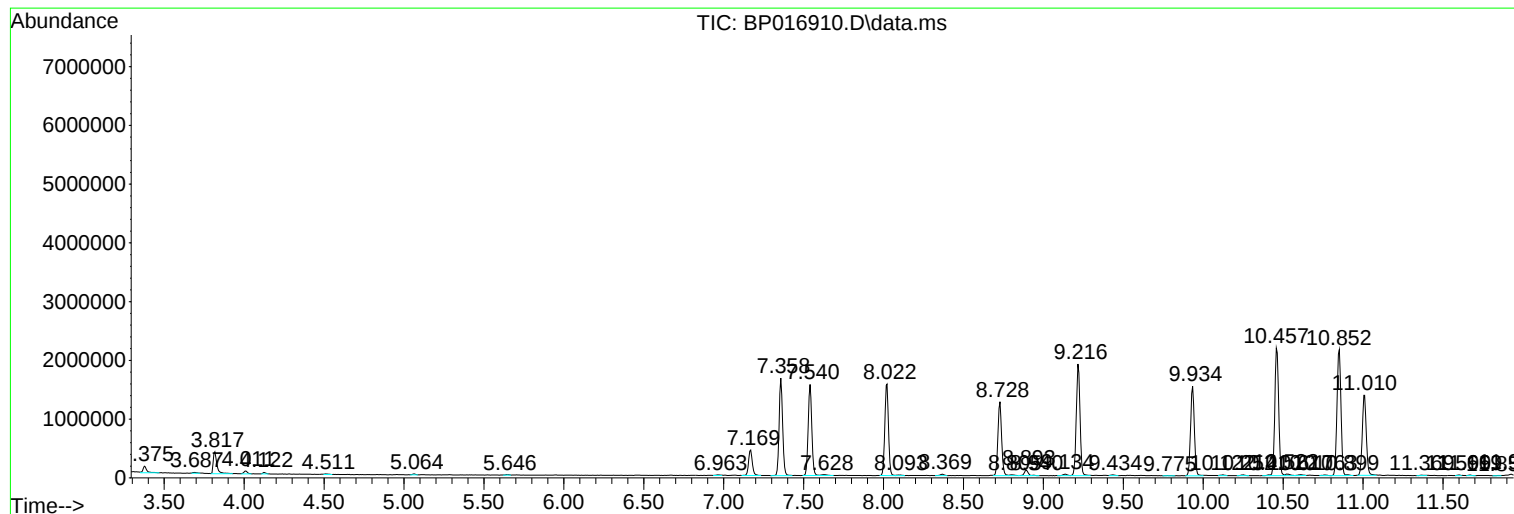
Sum of corrected areas: 104926458

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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



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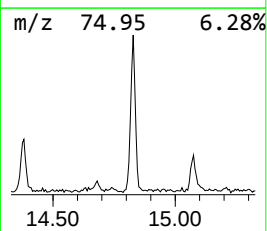
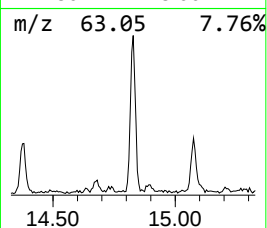
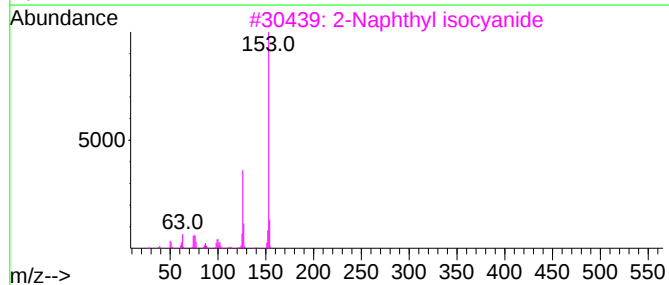
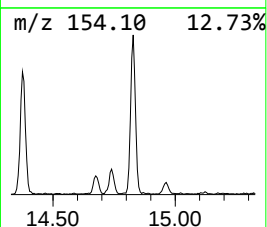
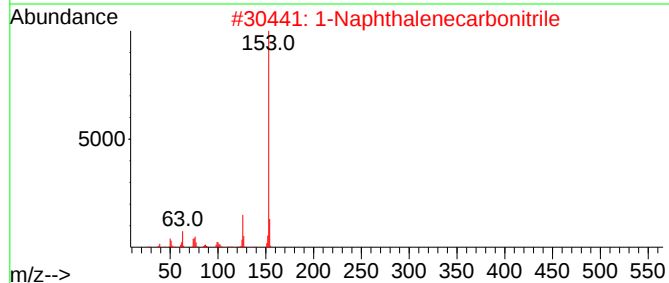
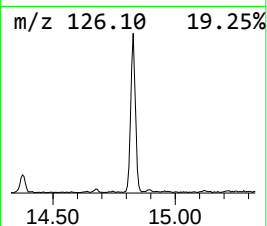
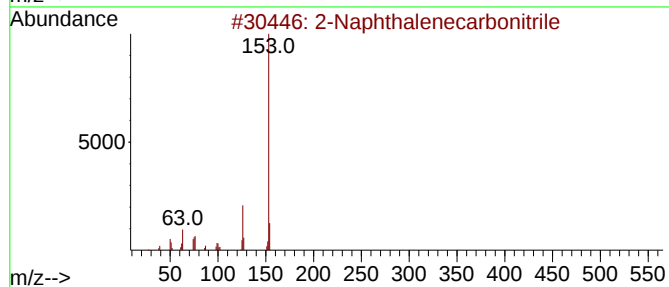
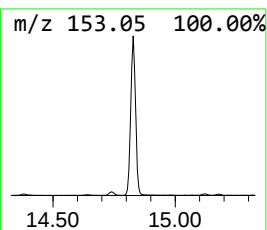
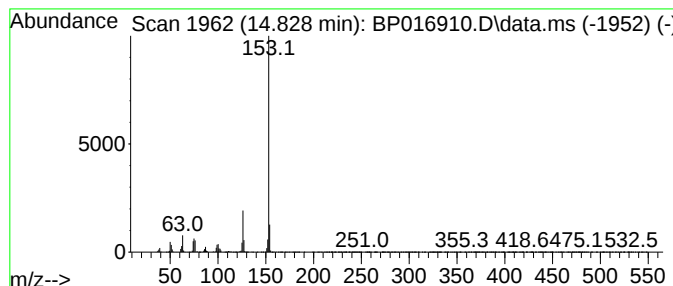
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Naphthalenecarbonitrile Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.828	2.53 ng/ul	581471	Acenaphthene-d10	14.675

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97	
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97	
3	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94	
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93	
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91	



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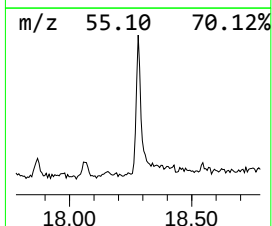
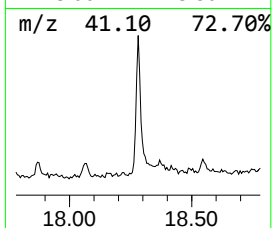
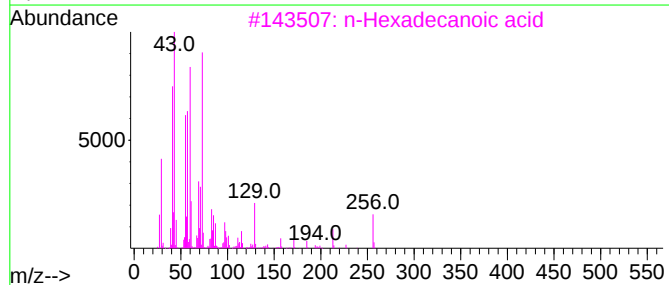
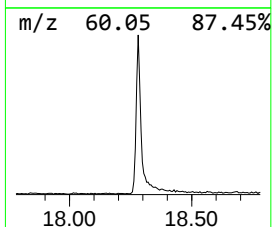
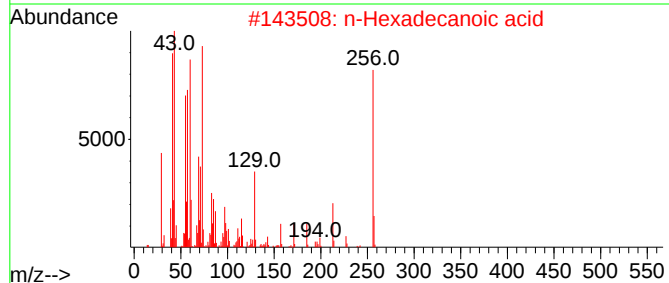
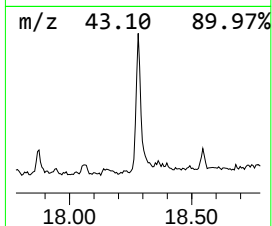
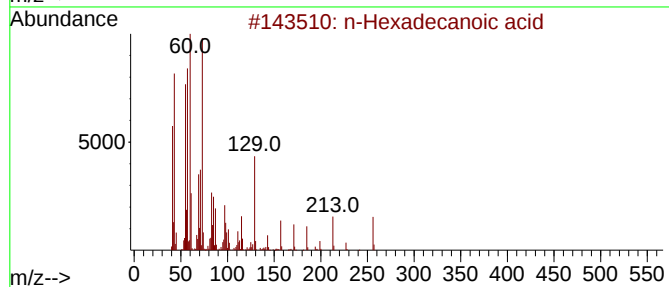
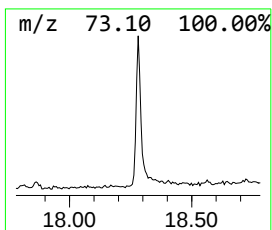
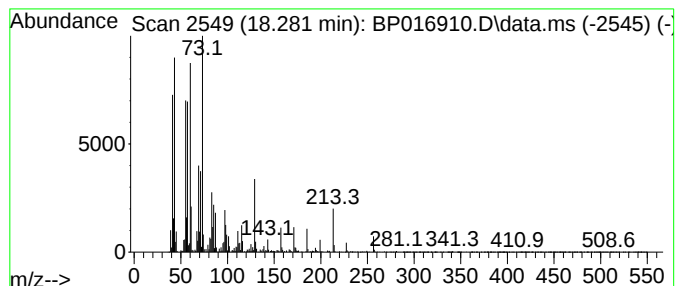
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	2.40 ng/ul	596716	Phenanthrene-d10	17.445

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	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



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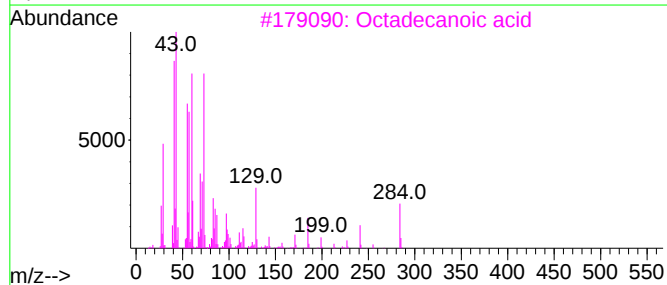
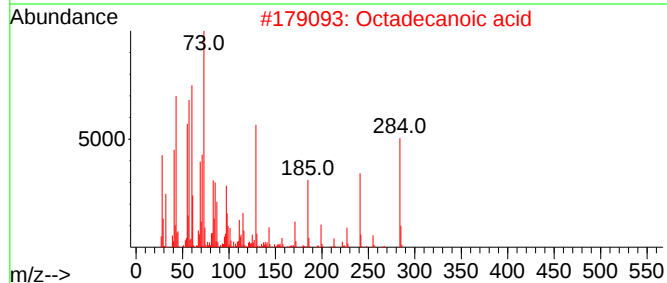
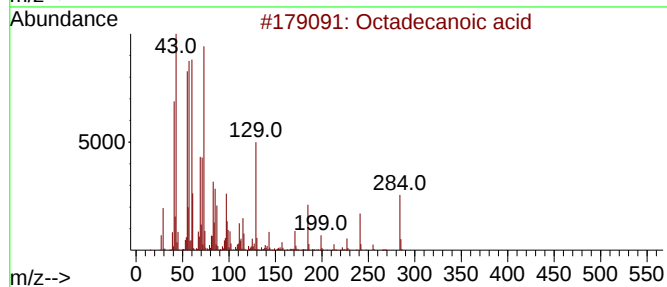
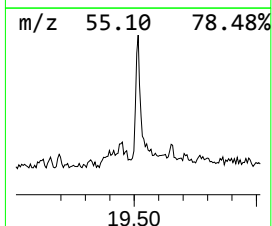
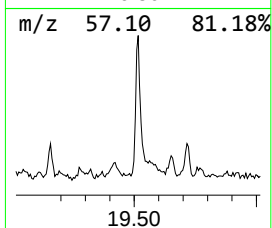
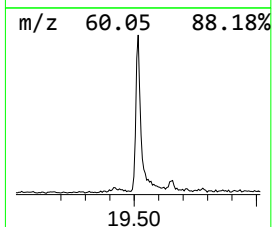
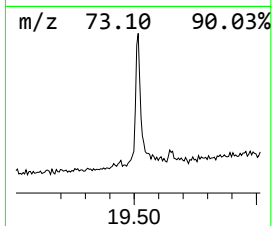
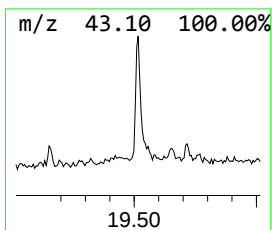
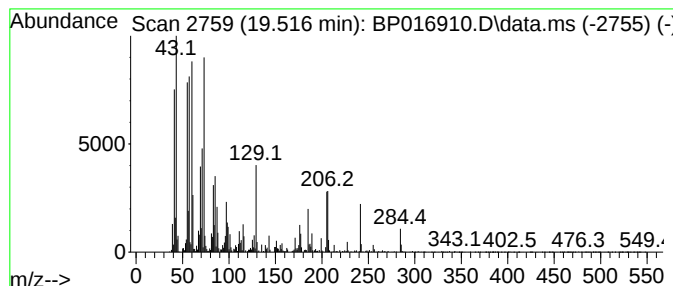
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.34 ng/ul	472134	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016910.D
Acq On : 01 Sep 2023 16:30
Operator : MA/JU
Sample : 04134-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Naphthaleneca...	14.828	2.5	ng/ul	581471	3	14.675	4601110	20.0
n-Hexadecanoic ...	18.281	2.4	ng/ul	596716	4	17.445	4968010	20.0
Octadecanoic acid	19.516	2.3	ng/ul	472134	5	21.545	4040270	20.0