

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016911.D
 Acq On : 01 Sep 2023 17:04
 Operator : MA/JU
 Sample : 04113-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH9

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: BP016911.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	25	rVB	69764	104460	1.29%	0.094%
2	3.675	62	66	76	rVB3	23808	51434	0.63%	0.046%
3	3.822	87	91	103	rVB	86073	141933	1.75%	0.128%
4	3.922	104	108	116	rVV	138100	181654	2.24%	0.164%
5	4.004	117	122	129	rVB2	89604	158969	1.96%	0.143%
6	4.122	138	142	151	rVB	30527	50970	0.63%	0.046%
7	4.651	225	232	238	rBV	90229	142356	1.76%	0.128%
8	5.057	297	301	311	rBV	79630	120949	1.49%	0.109%
9	7.169	653	660	670	rBV	951184	1582157	19.51%	1.426%
10	7.357	685	692	702	rBV	944542	1447686	17.85%	1.305%
11	7.540	716	723	731	rBV	1032961	1667410	20.56%	1.503%
12	7.610	731	735	743	rVB2	62023	123744	1.53%	0.112%
13	8.016	797	804	812	rBV	1409371	2271838	28.01%	2.048%
14	8.728	918	925	932	rBV	505603	820995	10.12%	0.740%
15	8.869	943	949	959	rVB	187590	314637	3.88%	0.284%
16	9.216	996	1008	1017	rBV	1111289	1894253	23.36%	1.708%
17	9.934	1119	1130	1140	rBV	903331	1563359	19.28%	1.409%
18	10.057	1146	1151	1156	rVV	36830	67898	0.84%	0.061%
19	10.292	1183	1191	1200	rBV3	25628	52280	0.64%	0.047%
20	10.457	1211	1219	1231	rBV	1222013	2052969	25.31%	1.851%
21	10.739	1261	1267	1271	rBV	83745	121609	1.50%	0.110%
22	10.851	1277	1286	1292	rBV	2075235	3543573	43.69%	3.194%
23	10.916	1292	1297	1300	rVV2	49090	99655	1.23%	0.090%
24	11.010	1307	1313	1324	rVB	235536	437335	5.39%	0.394%
25	11.786	1436	1445	1449	rVB2	34958	53517	0.66%	0.048%
26	12.186	1509	1513	1518	rBV	102182	149968	1.85%	0.135%
27	12.428	1546	1554	1559	rVB2	26862	56509	0.70%	0.051%
28	12.498	1559	1566	1571	rBV	36673	60335	0.74%	0.054%
29	13.427	1719	1724	1729	rVV	116590	160060	1.97%	0.144%
30	13.516	1733	1739	1745	rVV	122293	199481	2.46%	0.180%
31	13.986	1814	1819	1825	rVB2	34590	58838	0.73%	0.053%
32	14.086	1830	1836	1842	rVV	2639280	3539875	43.65%	3.191%
33	14.374	1877	1885	1892	rBV	2962149	4238917	52.27%	3.821%
34	14.504	1902	1907	1915	rVB	127927	170268	2.10%	0.153%
35	14.674	1927	1936	1943	rVV	3332311	4794770	59.12%	4.322%
36	14.739	1943	1947	1952	rVB	55038	80915	1.00%	0.073%

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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

37	14.886	1965	1972	1988	rBV	724339	1194928	14.73%	1.077%
38	15.063	1995	2002	2006	rVV4	62971	148841	1.84%	0.134%
39	15.110	2006	2010	2020	rVB6	79329	157144	1.94%	0.142%
40	15.457	2065	2069	2083	rVB2	109301	185627	2.29%	0.167%
41	15.669	2099	2105	2111	rBV	3733797	5210954	64.25%	4.697%
42	15.721	2111	2114	2120	rVB	89447	129980	1.60%	0.117%
43	15.792	2121	2126	2132	rBV	863630	1188895	14.66%	1.072%
44	15.857	2132	2137	2141	rVV2	40892	64286	0.79%	0.058%
45	16.016	2159	2164	2167	rBV	44948	65076	0.80%	0.059%
46	16.163	2185	2189	2196	rVB	33953	67454	0.83%	0.061%
47	16.333	2212	2218	2224	rBV2	149543	289400	3.57%	0.261%
48	16.727	2278	2285	2290	rVB3	51355	104979	1.29%	0.095%
49	16.780	2290	2294	2299	rBV2	39324	71767	0.88%	0.065%
50	16.963	2317	2325	2329	rBV3	92228	189008	2.33%	0.170%
51	17.098	2344	2348	2350	rBV	46420	61180	0.75%	0.055%
52	17.127	2350	2353	2356	rVV	84456	105951	1.31%	0.096%
53	17.168	2357	2360	2367	rVB2	61854	103767	1.28%	0.094%
54	17.263	2372	2376	2381	rVB	87909	120904	1.49%	0.109%
55	17.445	2400	2407	2411	rBV	3972272	5673882	69.96%	5.115%
56	17.486	2411	2414	2419	rVV	2436751	3195893	39.41%	2.881%
57	17.545	2419	2424	2428	rVV	3400946	4830393	59.56%	4.354%
58	17.580	2428	2430	2435	rVV	461779	533749	6.58%	0.481%
59	17.868	2474	2479	2487	rVB2	172657	272545	3.36%	0.246%
60	17.957	2491	2494	2501	rVB2	42516	70108	0.86%	0.063%
61	18.021	2501	2505	2508	rBV3	54456	83443	1.03%	0.075%
62	18.063	2509	2512	2516	rVB	65808	77731	0.96%	0.070%
63	18.280	2545	2549	2557	rBV2	863482	1632357	20.13%	1.471%
64	18.351	2557	2561	2570	rVV2	448284	748057	9.22%	0.674%
65	18.427	2570	2574	2578	rVV	144649	192331	2.37%	0.173%
66	18.492	2579	2585	2589	rVV2	391738	735163	9.06%	0.663%
67	18.527	2589	2591	2600	rVB2	210974	364981	4.50%	0.329%
68	18.651	2608	2612	2615	rBV2	88101	143776	1.77%	0.130%
69	18.786	2631	2635	2641	rBV	247820	368562	4.54%	0.332%
70	18.839	2641	2644	2648	rVB2	100034	125894	1.55%	0.113%
71	19.104	2685	2689	2695	rBV3	109722	161919	2.00%	0.146%
72	19.157	2695	2698	2699	rBV	113981	106453	1.31%	0.096%
73	19.180	2700	2702	2706	rVB2	100134	126506	1.56%	0.114%
74	19.339	2722	2729	2738	rBV4	172584	485673	5.99%	0.438%
75	19.451	2743	2748	2754	rVV	4782283	5997140	73.95%	5.406%
76	19.515	2755	2759	2771	rVV4	435622	748387	9.23%	0.675%

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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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 Title : SVOA CALIBRATION

77	19.692	2787	2789	2791	rBV	78532	81339	1.00%	0.073%
78	19.780	2797	2804	2807	rBV	5100979	7863539	96.96%	7.089%
79	19.809	2807	2809	2814	rVV	3776948	3922954	48.37%	3.536%
80	19.868	2815	2819	2823	rVB2	198898	281492	3.47%	0.254%
81	19.974	2834	2837	2841	rVB	242084	283392	3.49%	0.255%
82	20.109	2856	2860	2867	rVB2	235513	513035	6.33%	0.462%
83	20.186	2870	2873	2877	rVB	110176	124137	1.53%	0.112%
84	20.239	2878	2882	2886	rVV2	282888	544030	6.71%	0.490%
85	20.280	2886	2889	2894	rVB	579874	770406	9.50%	0.694%
86	20.380	2902	2906	2909	rBV	439225	564202	6.96%	0.509%
87	20.439	2914	2916	2919	rVB2	269545	265068	3.27%	0.239%
88	20.574	2936	2939	2942	rBV	191990	232178	2.86%	0.209%
89	21.021	3011	3015	3020	rVB	267556	367582	4.53%	0.331%
90	21.186	3039	3043	3047	rBV3	530464	1145341	14.12%	1.032%
91	21.262	3053	3056	3060	rVB2	242780	331254	4.08%	0.299%
92	21.539	3096	3103	3108	rBV2	4000032	8110067	100.00%	7.311%
93	21.580	3108	3110	3115	rVB	1924543	2370038	29.22%	2.136%
94	21.709	3129	3132	3135	rVB	258130	306823	3.78%	0.277%
95	22.109	3197	3200	3203	rBV	443934	531091	6.55%	0.479%
96	23.315	3399	3405	3410	rBV	1170437	2880222	35.51%	2.596%
97	23.880	3496	3501	3506	rBV	691295	1629435	20.09%	1.469%
98	23.939	3506	3511	3516	rVV2	1835987	3749529	46.23%	3.380%
99	23.992	3517	3520	3528	rVB	1005133	1890319	23.31%	1.704%
100	24.115	3534	3541	3547	rBV	1647053	3463527	42.71%	3.122%

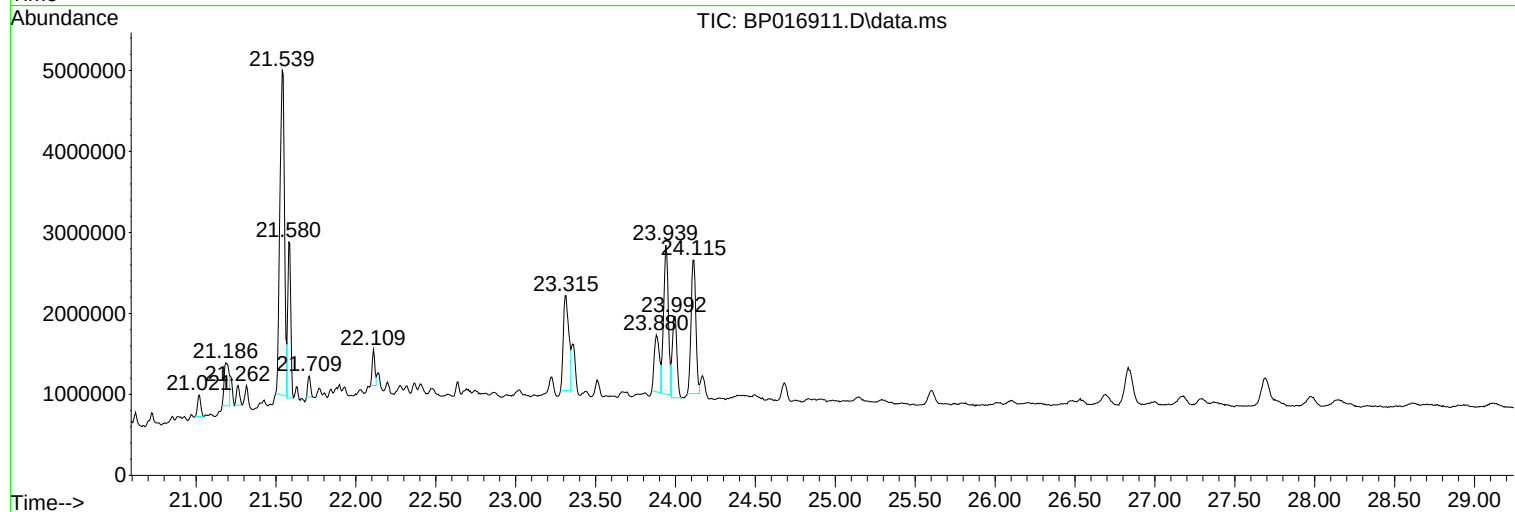
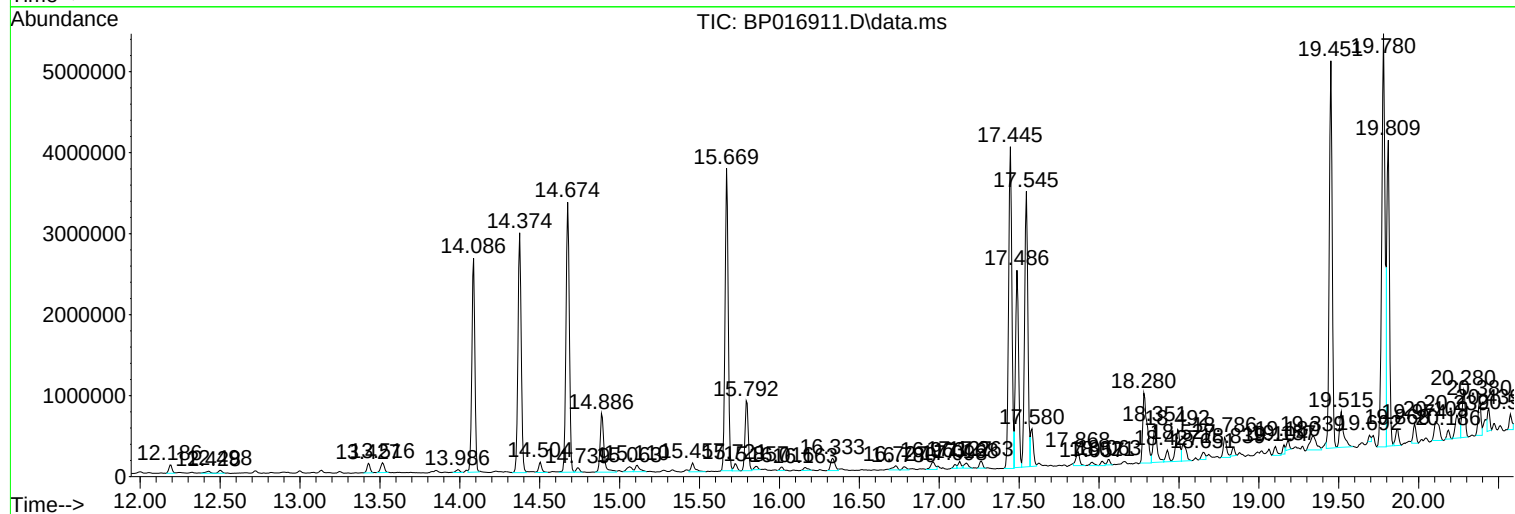
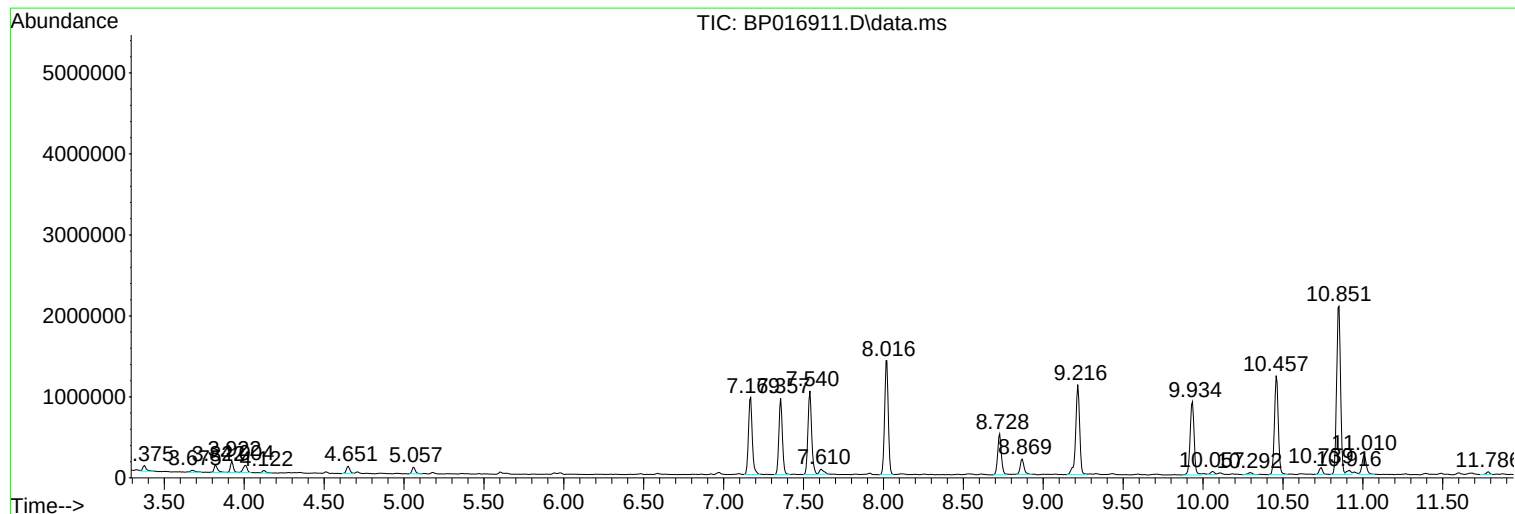
Sum of corrected areas: 110933660

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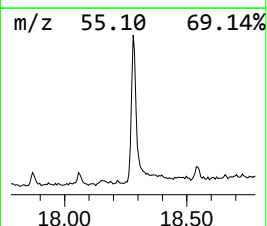
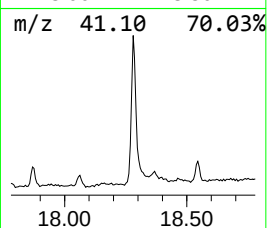
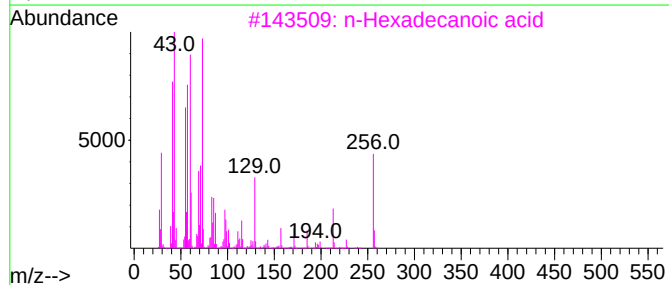
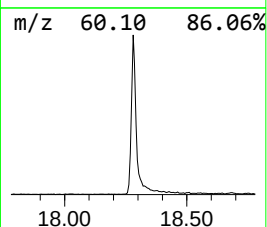
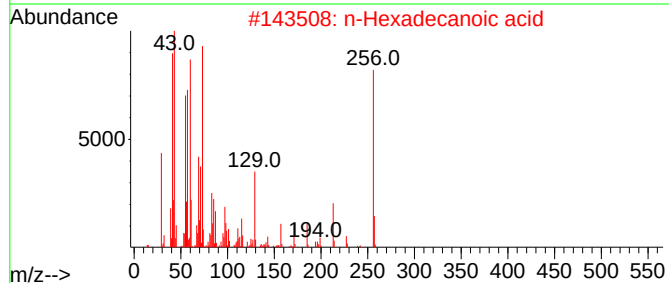
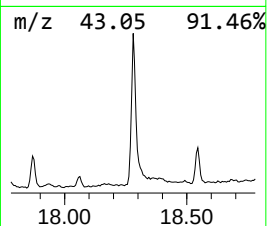
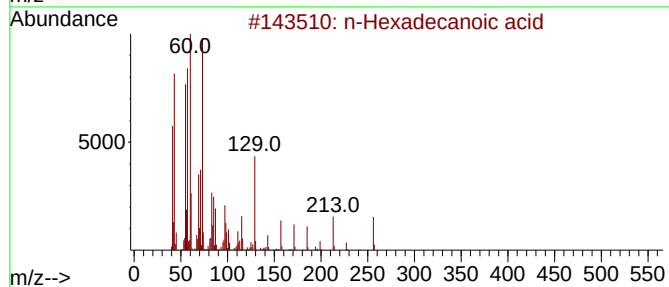
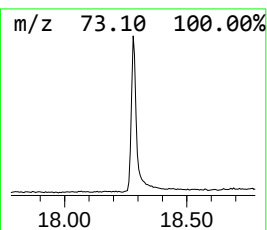
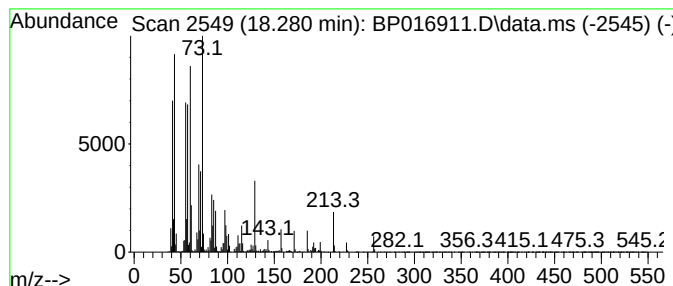
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.280	5.75 ng/ul	1632360	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	98
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	94
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	93



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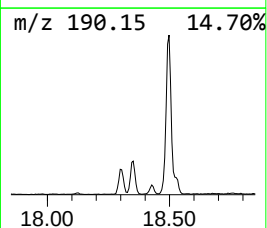
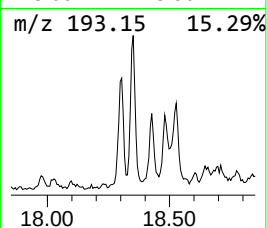
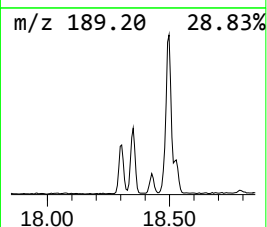
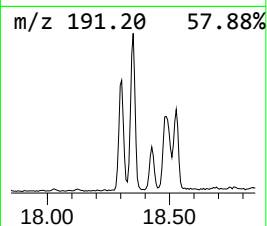
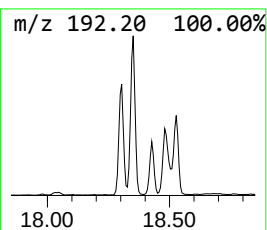
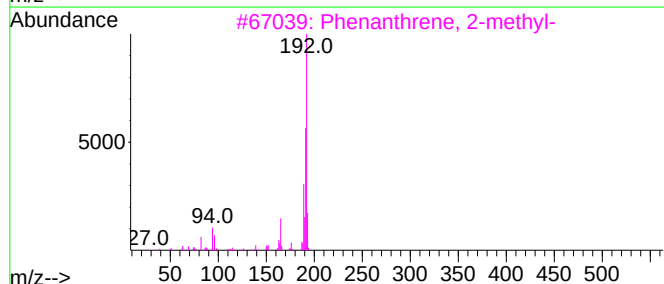
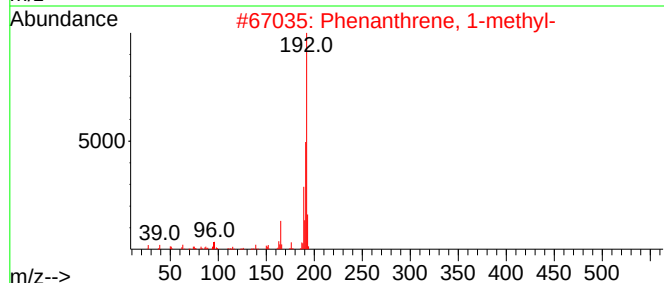
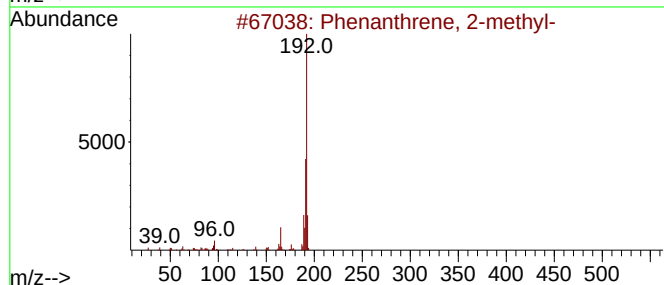
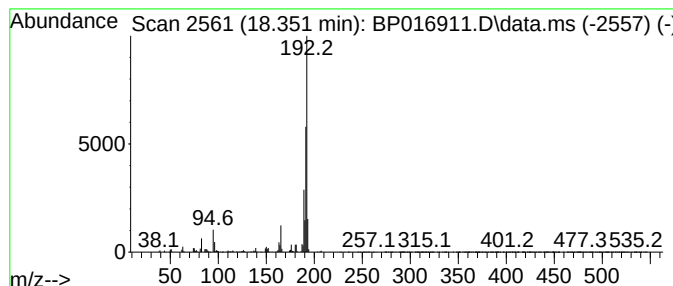
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	2.64 ng/ul	748057	Phenanthrene-d10	17.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



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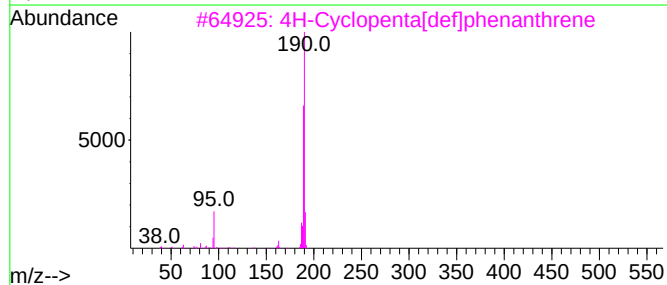
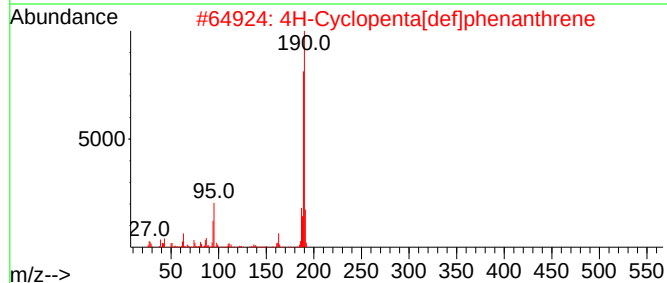
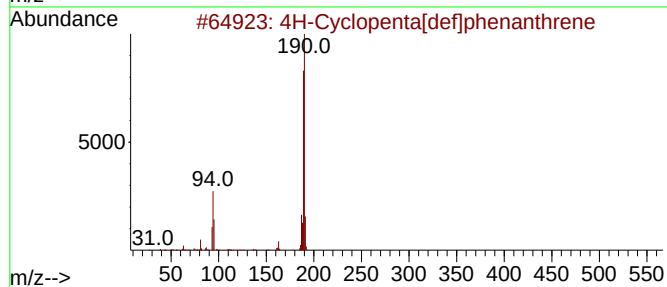
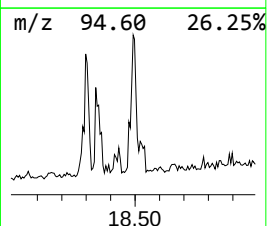
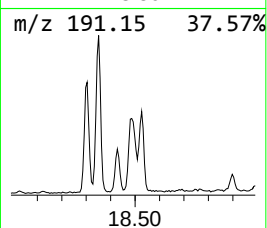
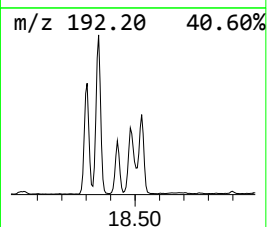
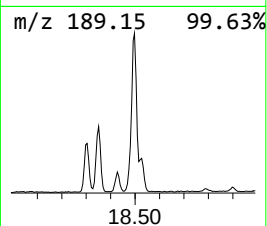
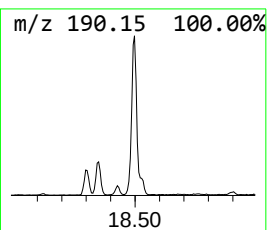
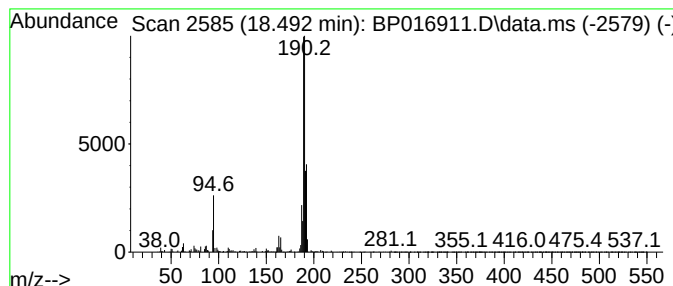
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.59 ng/ul	735163	Phenanthrene-d10	17.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016911.D
Acq On : 01 Sep 2023 17:04
Operator : MA/JU
Sample : 04113-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

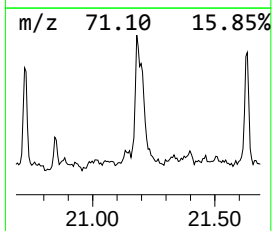
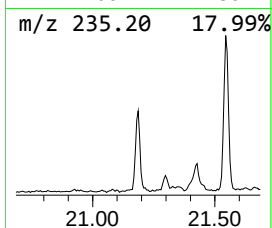
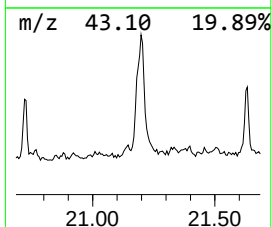
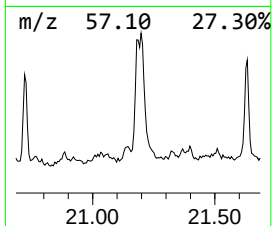
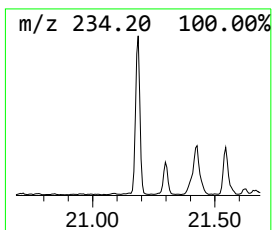
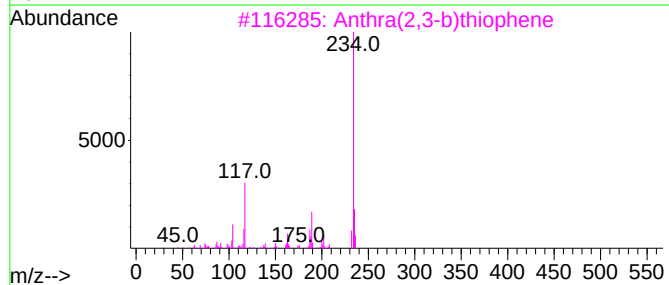
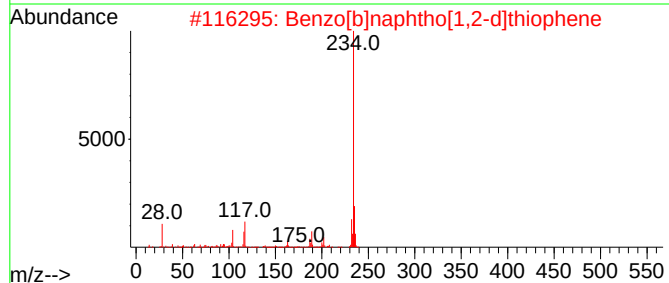
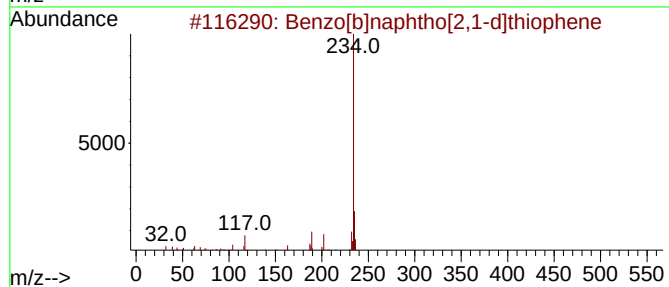
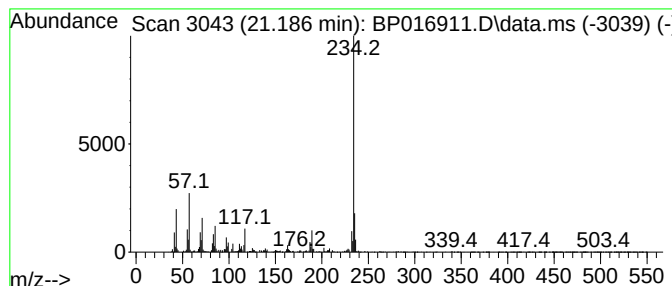
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.186	2.82 ng/ul	1145340	Chrysene-d12	21.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016911.D
Acq On : 01 Sep 2023 17:04
Operator : MA/JU
Sample : 04113-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYH9

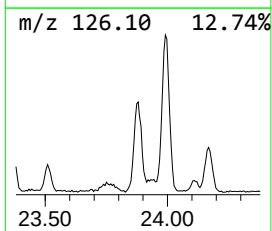
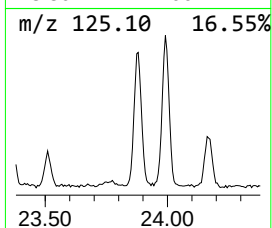
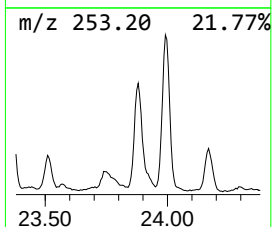
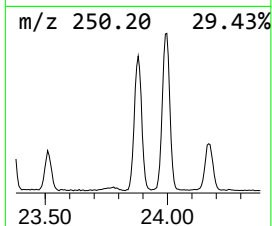
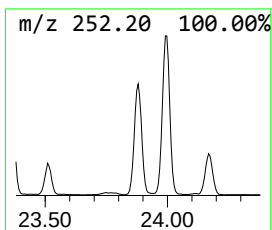
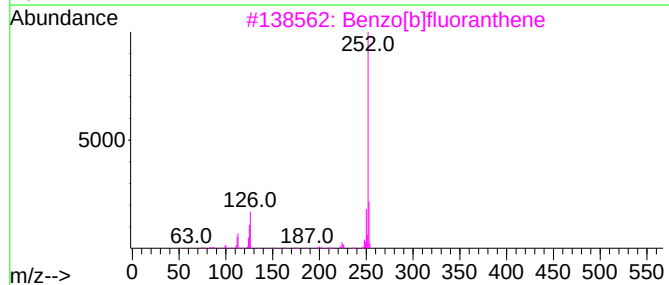
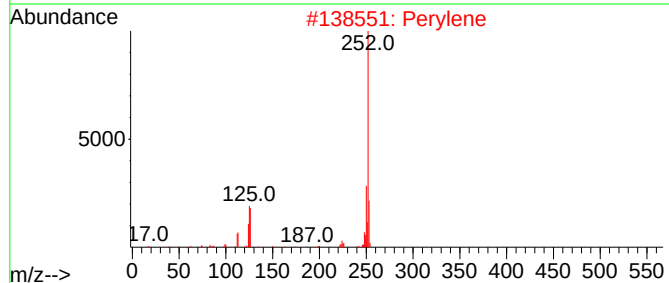
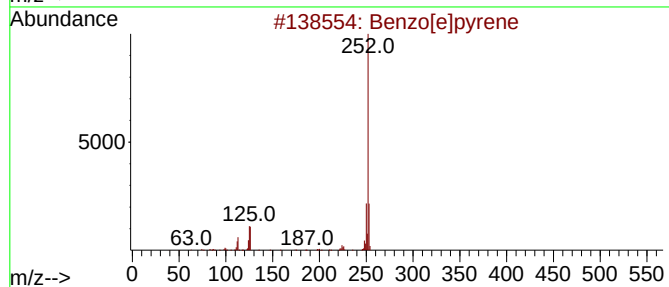
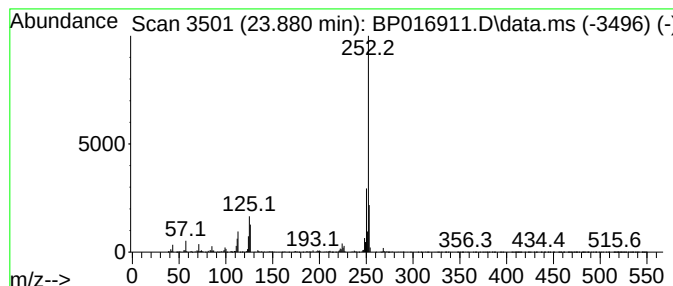
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.880	9.41 ng/ul	1629440	Perylene-d12	24.109

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	99
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
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Sample : 04113-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYH9

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
n-Hexadecanoic ...	18.280	5.8	ng/ul	1632360	4	17.445	5673880	20.0
Phenanthrene, 2...	18.351	2.6	ng/ul	748057	4	17.445	5673880	20.0
4H-Cyclopenta[d...	18.492	2.6	ng/ul	735163	4	17.445	5673880	20.0
Benzo[b]naphtho...	21.186	2.8	ng/ul	1145340	5	21.545	8110070	20.0
Benzo[e]pyrene	23.880	9.4	ng/ul	1629440	6	24.109	3463530	20.0