

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049498.D
 Acq On : 29 Jan 2025 11:03
 Operator : RC/JU
 Sample : Q1139-12MEDL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9MEDL

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_M\Methods\SFAM-EPA-BM012825.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.516	87	90	100	rBV	51939	90049	3.87%	0.424%
2	3.810	138	140	149	rVB6	10412	14302	0.62%	0.067%
3	6.710	628	633	643	rBV2	47938	93541	4.02%	0.441%
4	6.863	654	659	666	rBV	49136	83415	3.59%	0.393%
5	7.051	686	691	705	rVB	56981	111323	4.79%	0.524%
6	7.510	762	769	781	rBV	489146	786406	33.83%	3.705%
7	7.887	828	833	837	rBV8	4738	9302	0.40%	0.044%
8	8.234	886	892	899	rBV	50067	93970	4.04%	0.443%
9	8.657	958	964	975	rBV	45641	90237	3.88%	0.425%
10	9.375	1080	1086	1093	rVV3	27842	57493	2.47%	0.271%
11	9.922	1173	1179	1190	rBV2	29816	76061	3.27%	0.358%
12	10.269	1232	1238	1253	rBV	586637	1004095	43.19%	4.730%
13	10.439	1259	1267	1278	rBV3	27831	82659	3.56%	0.389%
14	12.175	1557	1562	1571	rVB3	10028	19316	0.83%	0.091%
15	12.986	1694	1700	1705	rVV5	7055	12287	0.53%	0.058%
16	13.322	1750	1757	1758	rBV6	4107	6833	0.29%	0.032%
17	13.469	1778	1782	1788	rBV5	10384	17045	0.73%	0.080%
18	13.522	1788	1791	1795	rVV5	4980	8354	0.36%	0.039%
19	13.574	1795	1800	1811	rVV	102917	168703	7.26%	0.795%
20	13.704	1818	1822	1827	rVV8	4834	9306	0.40%	0.044%
21	13.839	1839	1845	1857	rVV	136794	219406	9.44%	1.034%
22	14.151	1891	1898	1904	rBV	881679	1249291	53.73%	5.885%
23	14.216	1904	1909	1917	rVB	230165	331882	14.27%	1.564%
24	14.463	1942	1951	1956	rBV3	11538	21860	0.94%	0.103%
25	14.557	1960	1967	1973	rBV	83744	137219	5.90%	0.646%
26	14.633	1978	1980	1986	rVB3	6876	9355	0.40%	0.044%
27	14.786	2000	2006	2010	rVB7	4899	8123	0.35%	0.038%
28	15.151	2062	2068	2073	rBV	188750	266149	11.45%	1.254%
29	15.210	2073	2078	2084	rVV2	186907	301334	12.96%	1.420%
30	15.292	2087	2092	2096	rVV6	19064	46681	2.01%	0.220%
31	15.333	2096	2099	2102	rVV2	20858	30873	1.33%	0.145%
32	15.368	2102	2105	2110	rVV2	25222	37963	1.63%	0.179%
33	15.427	2110	2115	2117	rVV5	7118	14039	0.60%	0.066%
34	15.457	2117	2120	2125	rVV4	12266	20249	0.87%	0.095%
35	15.510	2125	2129	2140	rVB2	35841	76083	3.27%	0.358%
36	15.651	2147	2153	2161	rBV	31067	74059	3.19%	0.349%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049498.D
 Acq On : 29 Jan 2025 11:03
 Operator : RC/JU
 Sample : Q1139-12MEDL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9MEDL

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_M\Methods\SFAM-EPA-BM012825.MA.M
 Title : SVOA CALIBRATION

37	15.739	2163	2168	2175	rVB8	8970	18276	0.79%	0.086%
38	15.880	2188	2192	2194	rVV4	5983	8906	0.38%	0.042%
39	15.904	2194	2196	2207	rVV9	5384	13624	0.59%	0.064%
40	16.174	2238	2242	2243	rBV4	9219	9904	0.43%	0.047%
41	16.215	2245	2249	2254	rVV3	25031	43691	1.88%	0.206%
42	16.263	2254	2257	2263	rVV3	15320	21436	0.92%	0.101%
43	16.363	2268	2274	2278	rVB2	15188	21879	0.94%	0.103%
44	16.421	2278	2284	2286	rBV7	4811	7785	0.33%	0.037%
45	16.445	2286	2288	2291	rVV4	9938	11763	0.51%	0.055%
46	16.486	2291	2295	2299	rVV5	12287	20686	0.89%	0.097%
47	16.574	2307	2310	2317	rVB8	5506	8985	0.39%	0.042%
48	16.657	2317	2324	2328	rBV5	18480	43102	1.85%	0.203%
49	16.721	2328	2335	2344	rVB	74063	121006	5.20%	0.570%
50	16.904	2358	2366	2369	rBV	1106991	1469087	63.19%	6.921%
51	16.945	2369	2373	2378	rVV	1177701	1628861	70.06%	7.674%
52	17.004	2378	2383	2386	rVV	202810	318658	13.71%	1.501%
53	17.033	2386	2388	2397	rVV	112391	161829	6.96%	0.762%
54	17.098	2397	2399	2406	rVB5	9533	16627	0.72%	0.078%
55	17.321	2431	2437	2440	rBV2	13293	22256	0.96%	0.105%
56	17.433	2452	2456	2462	rBV2	26098	35635	1.53%	0.168%
57	17.492	2462	2466	2474	rVB3	10864	21742	0.94%	0.102%
58	17.633	2486	2490	2497	rVB3	10194	16211	0.70%	0.076%
59	17.780	2510	2515	2519	rVV	81029	119040	5.12%	0.561%
60	17.827	2519	2523	2530	rVV	128696	188120	8.09%	0.886%
61	17.910	2532	2537	2541	rVV2	20202	32918	1.42%	0.155%
62	17.974	2542	2548	2552	rVV2	240446	358751	15.43%	1.690%
63	18.015	2552	2555	2565	rVB	47453	71845	3.09%	0.338%
64	18.180	2579	2583	2589	rBV8	8363	13454	0.58%	0.063%
65	18.292	2597	2602	2607	rBV	61532	93963	4.04%	0.443%
66	18.333	2607	2609	2614	rVB6	15162	19061	0.82%	0.090%
67	18.415	2620	2623	2627	rVV3	7751	8242	0.35%	0.039%
68	18.539	2641	2644	2648	rVB2	17432	20332	0.87%	0.096%
69	18.586	2648	2652	2656	rVV3	14165	19755	0.85%	0.093%
70	18.627	2656	2659	2663	rVB6	10851	14705	0.63%	0.069%
71	18.709	2669	2673	2677	rBV2	22142	32382	1.39%	0.153%
72	18.774	2677	2684	2687	rBV6	17243	30686	1.32%	0.145%
73	18.851	2694	2697	2698	rBV3	8404	9863	0.42%	0.046%
74	18.868	2698	2700	2705	rVB6	10052	14064	0.60%	0.066%
75	18.915	2705	2708	2712	rBV6	5627	10465	0.45%	0.049%
76	18.974	2712	2718	2726	rVV	1758306	2324924	100.00%	10.953%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049498.D
 Acq On : 29 Jan 2025 11:03
 Operator : RC/JU
 Sample : Q1139-12MEDL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9MEDL

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_M\Methods\SFAM-EPA-BM012825.MA.M
 Title : SVOA CALIBRATION

77	19.045	2728	2730	2733	rVV3	12843	18635	0.80%	0.088%
78	19.074	2733	2735	2740	rVV4	15328	20692	0.89%	0.097%
79	19.121	2740	2743	2747	rVB4	8105	11050	0.48%	0.052%
80	19.215	2755	2759	2765	rVB	41608	59272	2.55%	0.279%
81	19.309	2769	2775	2776	rVV	509207	617097	26.54%	2.907%
82	19.333	2776	2779	2789	rVV	1115688	1569700	67.52%	7.395%
83	19.415	2789	2793	2800	rVB	34639	55847	2.40%	0.263%
84	19.480	2802	2804	2806	rBV2	4464	5577	0.24%	0.026%
85	19.521	2807	2811	2817	rBV	45941	65134	2.80%	0.307%
86	19.674	2830	2837	2843	rBV3	39706	103387	4.45%	0.487%
87	19.809	2855	2860	2861	rBV4	34624	48071	2.07%	0.226%
88	19.839	2862	2865	2870	rVB	133369	182289	7.84%	0.859%
89	19.945	2878	2883	2887	rBV	144328	187437	8.06%	0.883%
90	19.998	2887	2892	2896	rVV2	52933	87534	3.77%	0.412%
91	20.039	2896	2899	2903	rVB	23933	32678	1.41%	0.154%
92	20.139	2912	2916	2920	rBV	23098	32688	1.41%	0.154%
93	20.186	2920	2924	2929	rBV4	22610	38827	1.67%	0.183%
94	20.756	3018	3021	3025	rBV	45880	60840	2.62%	0.287%
95	20.798	3025	3028	3031	rBV	43246	54738	2.35%	0.258%
96	20.839	3032	3035	3041	rVV2	26291	55142	2.37%	0.260%
97	21.133	3078	3085	3090	rBV	1450695	2208652	95.00%	10.405%
98	21.174	3090	3092	3103	rVB	213994	283383	12.19%	1.335%
99	23.721	3520	3525	3531	rBV	136516	273386	11.76%	1.288%
100	23.909	3550	3557	3574	rVB2	865132	2050823	88.21%	9.662%

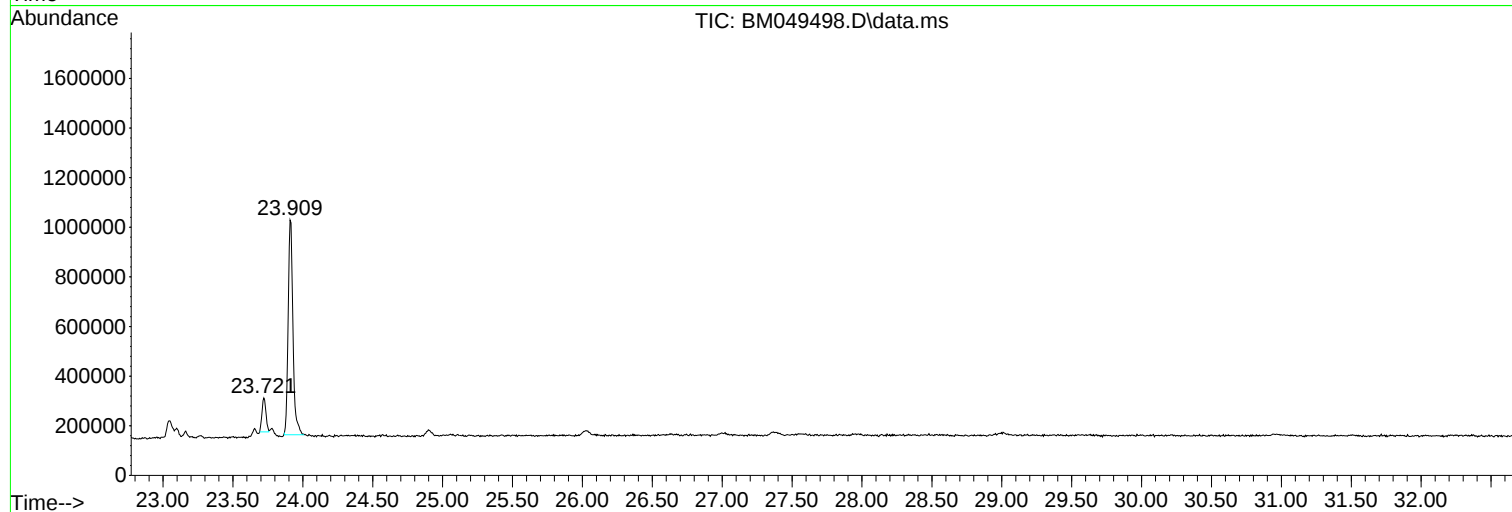
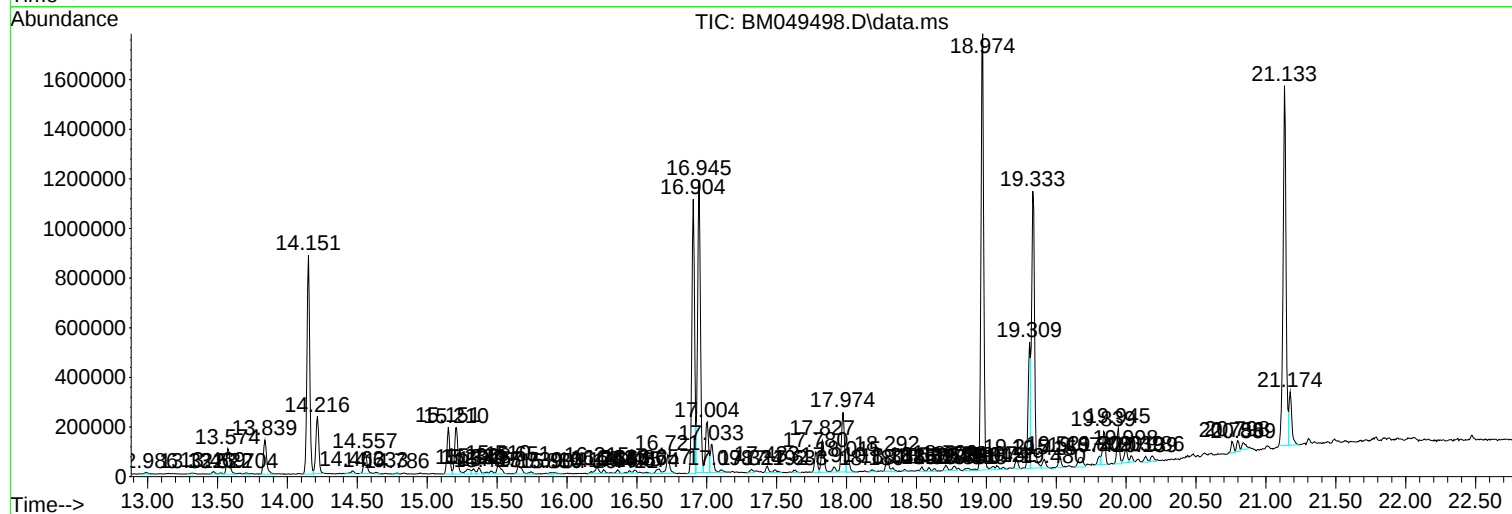
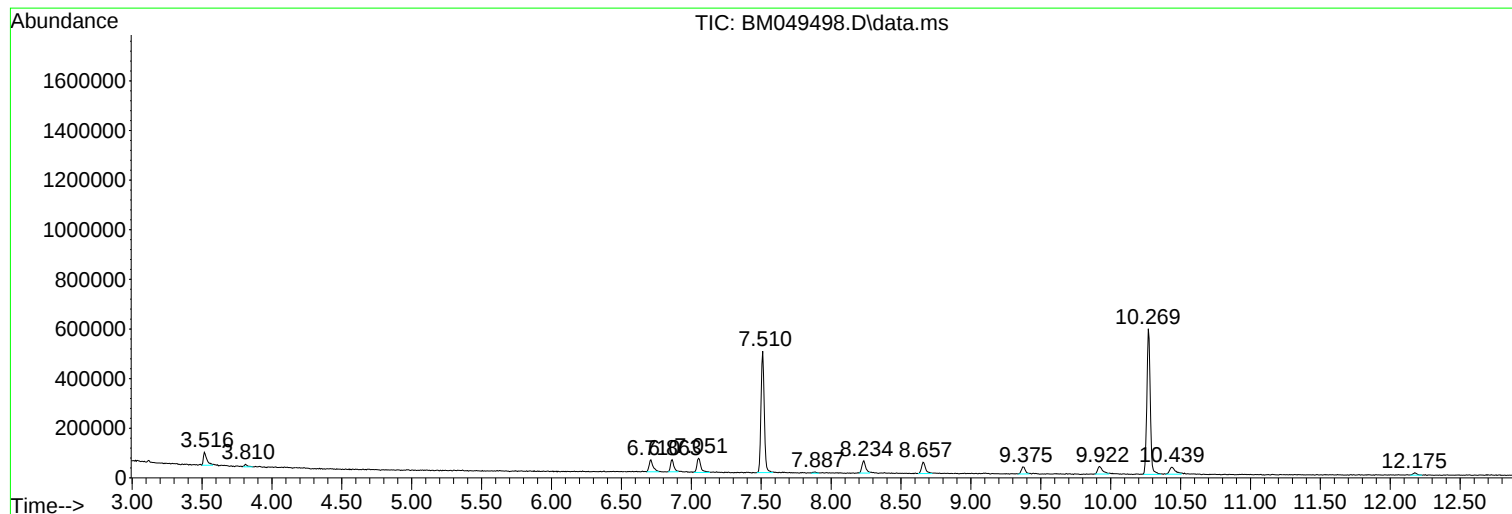
Sum of corrected areas: 21226661

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049498.D
Acq On : 29 Jan 2025 11:03
Operator : RC/JU
Sample : Q1139-12MEDL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049498.D
Acq On : 29 Jan 2025 11:03
Operator : RC/JU
Sample : Q1139-12MEDL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9MEDL

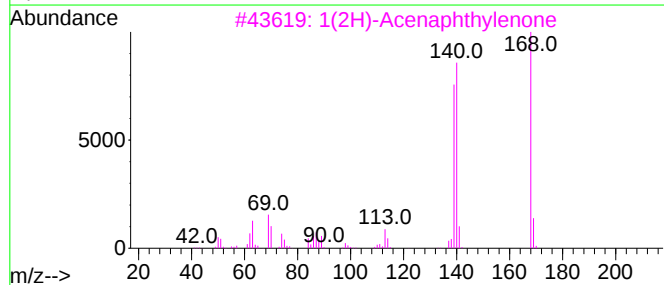
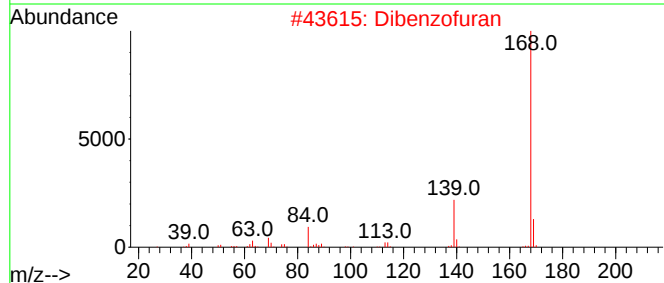
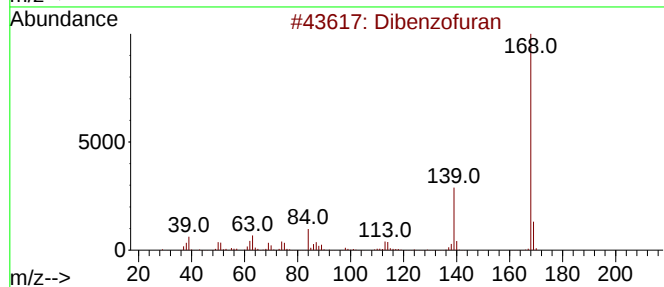
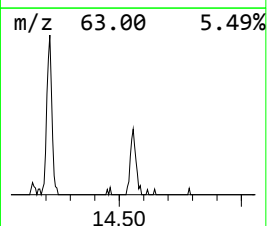
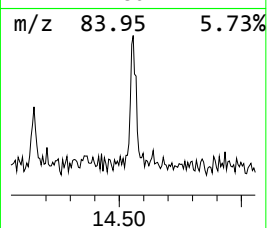
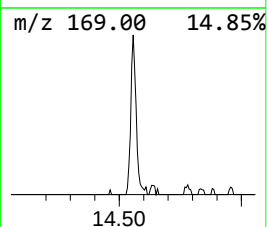
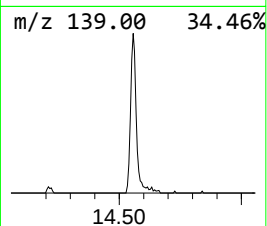
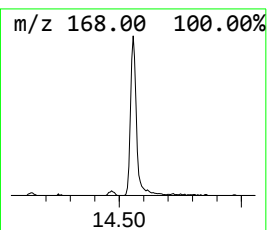
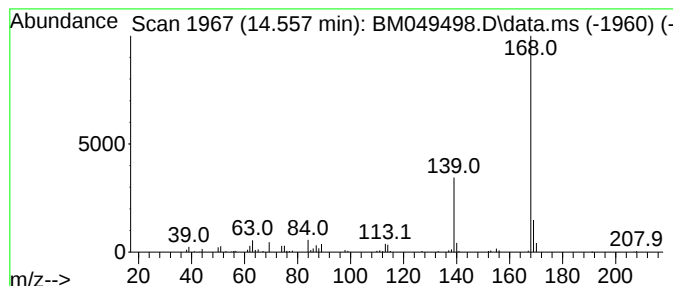
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	2.20 ng/ul	137219	Acenaphthene-d10	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	90
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	72
4			Dibenzofuran	168	C12H8O	000132-64-9	64
5			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049498.D
Acq On : 29 Jan 2025 11:03
Operator : RC/JU
Sample : Q1139-12MEDL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9MEDL

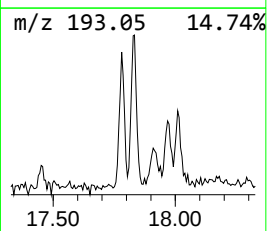
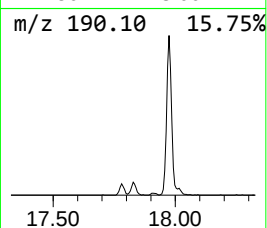
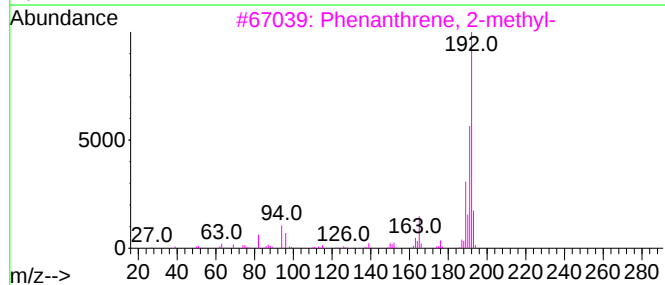
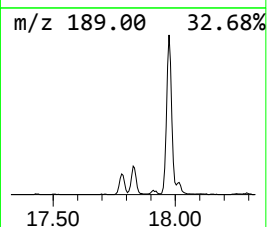
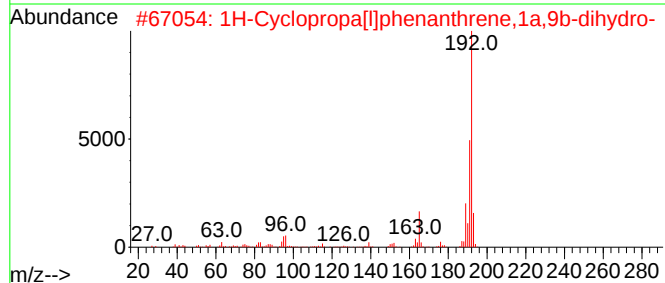
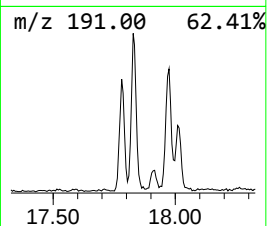
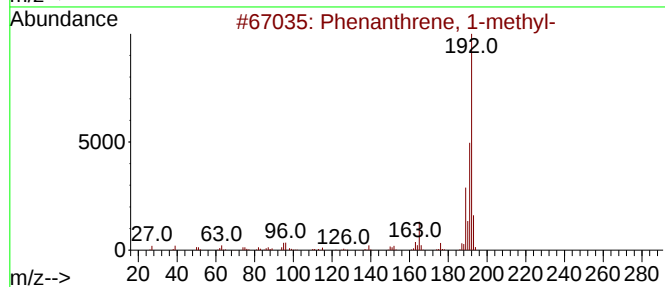
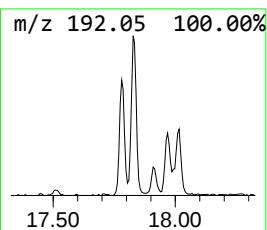
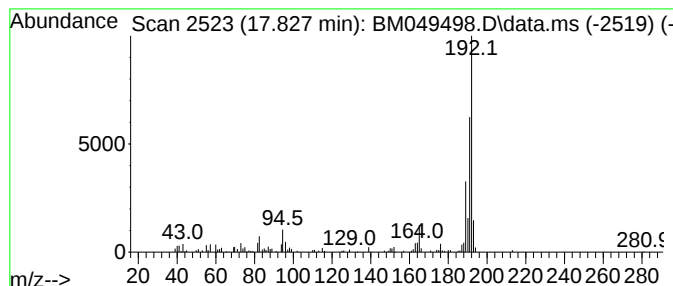
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	2.56 ng/ul	188120	Phenanthrene-d10	16.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049498.D
Acq On : 29 Jan 2025 11:03
Operator : RC/JU
Sample : Q1139-12MEDL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

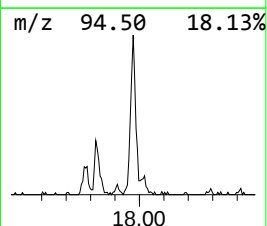
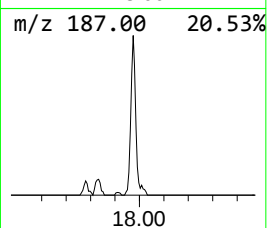
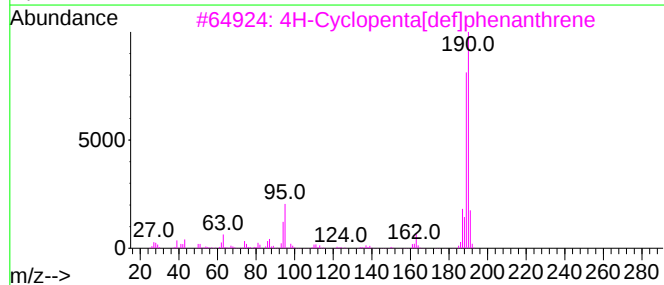
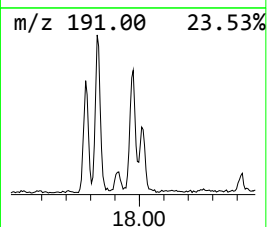
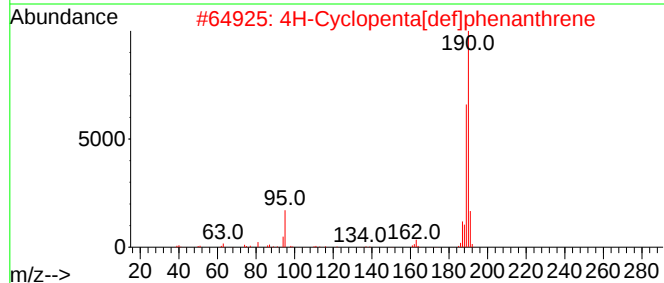
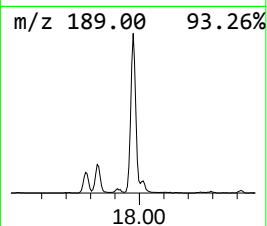
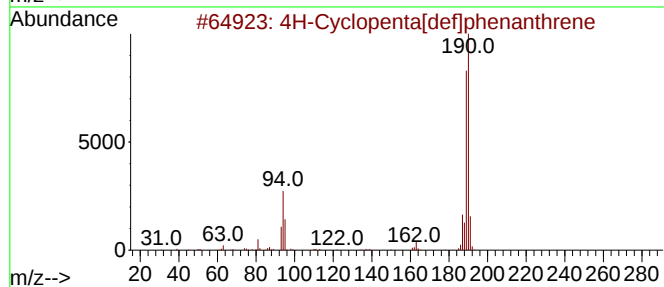
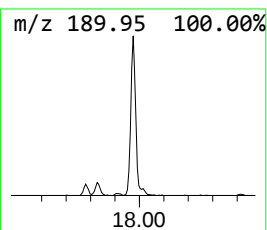
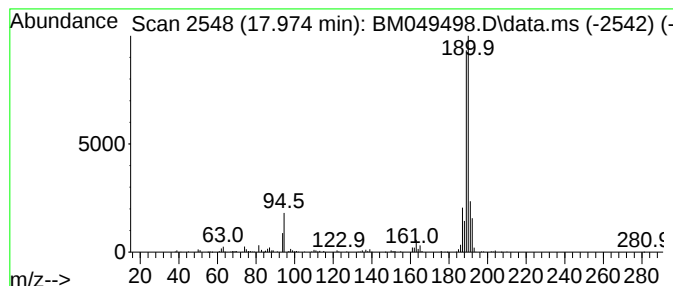
Instrument :
BNA_M
ClientSampleId :
DCZH9MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.974	4.88 ng/ul	358751	Phenanthrene-d10	16.904	
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	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049498.D
Acq On : 29 Jan 2025 11:03
Operator : RC/JU
Sample : Q1139-12MEDL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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
Dibenzo furan	14.557	2.2	ng/u1	137219	3	14.151	1249290	20.0
Phenanthrene, 1...	17.827	2.6	ng/u1	188120	4	16.904	1469090	20.0
4H-Cyclopenta[d...	17.974	4.9	ng/u1	358751	4	16.904	1469090	20.0