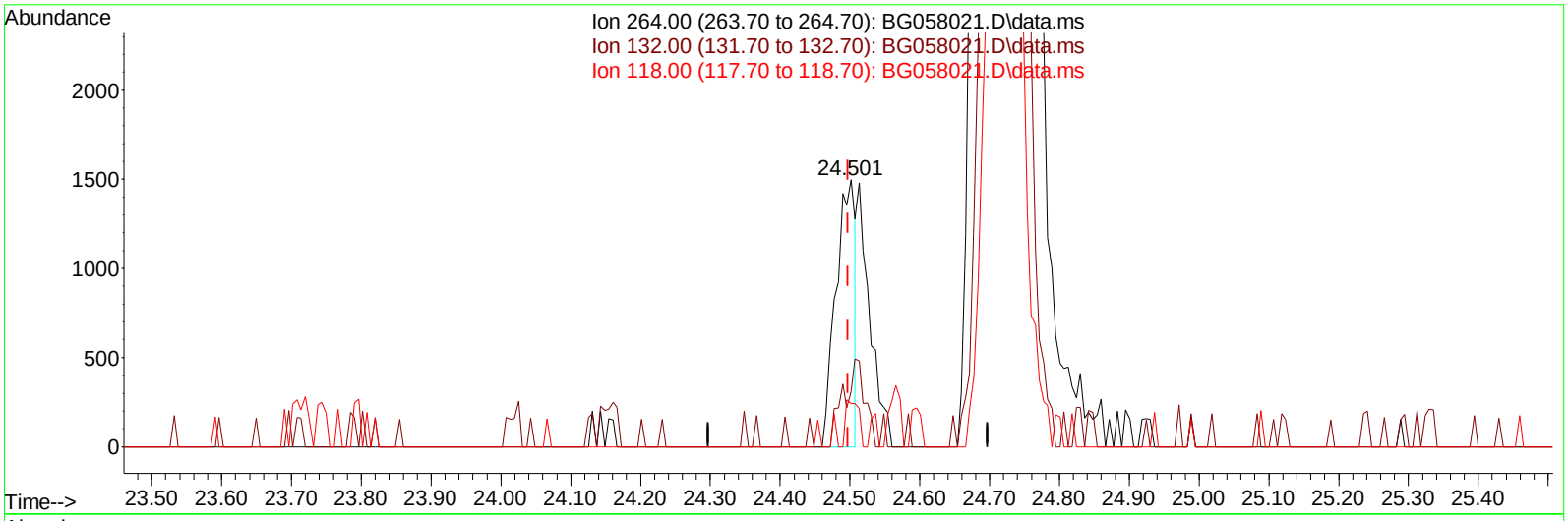
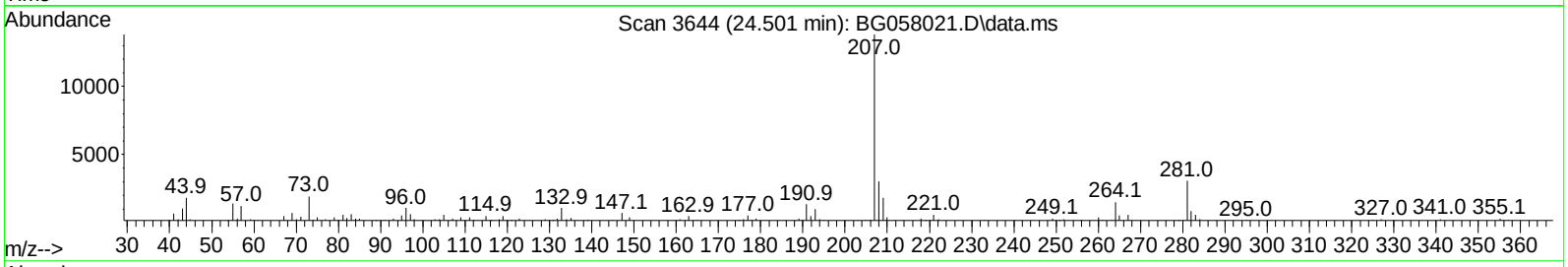
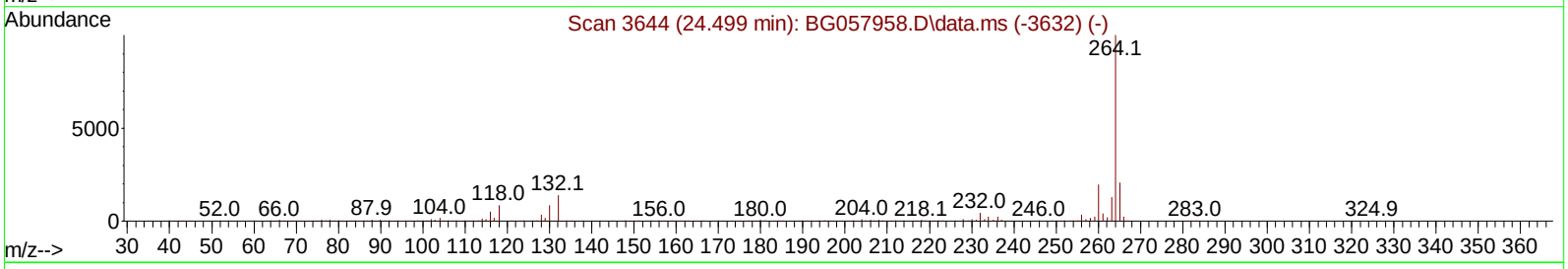
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058021.D
Acq On : 5 Jul 2023 17:49
Operator : CG/JU
Sample : PB153590BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 05 18:51:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 17:32:08 2023
Response via : Initial Calibration







TIC: BG058021.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.501min (+ 0.004) 0.15 ng/ul

response 2845

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	13.50	20.57#
118.00	8.90	16.23#
0.00	0.00	0.00

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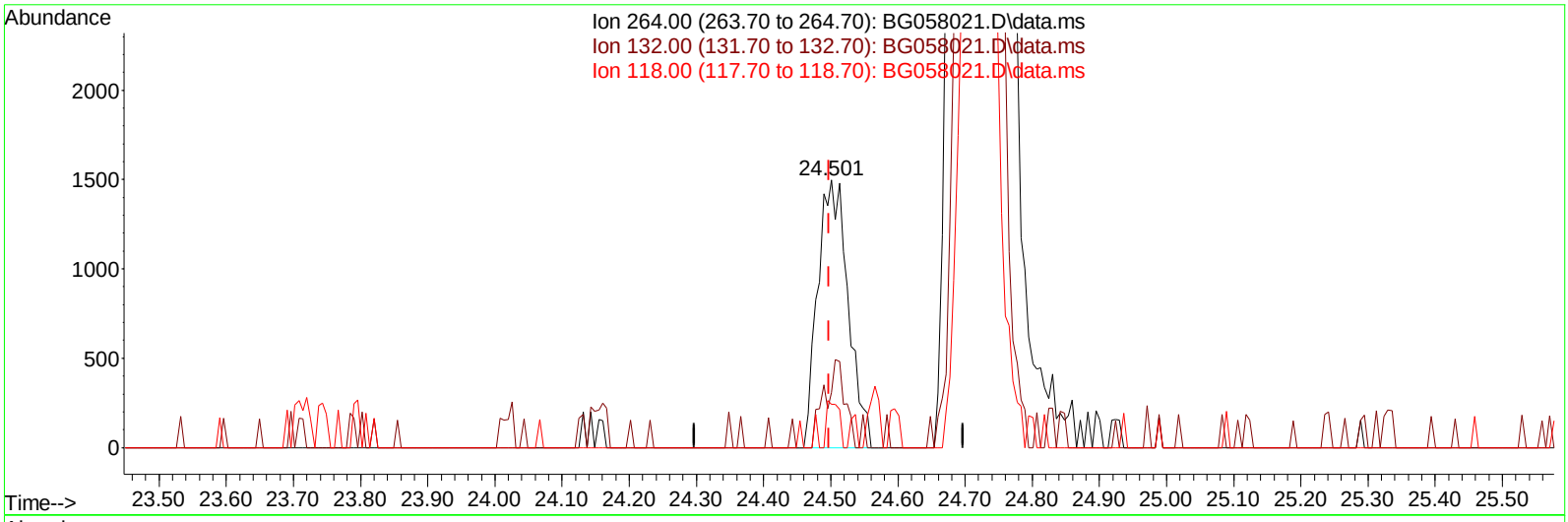

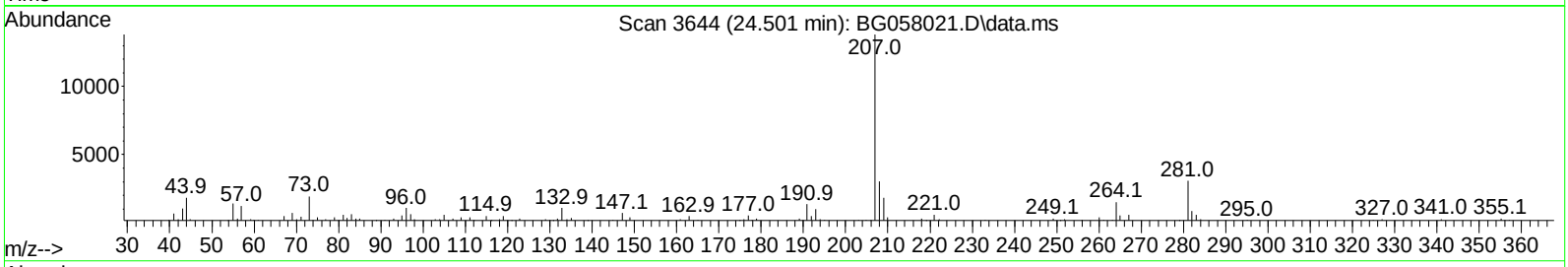

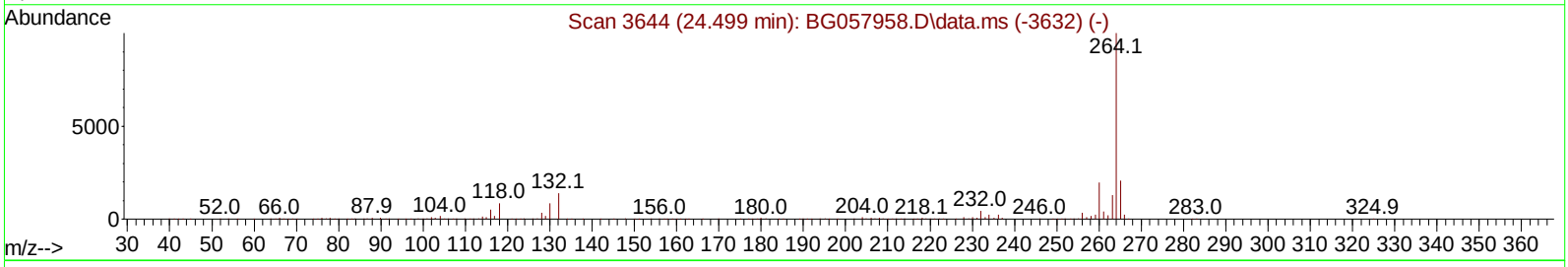

TIC: BG058021.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.501min (+ 0.004) 0.25 ng/ul m

response 4697

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	13.50	20.57#
118.00	8.90	16.23#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG058021.D
Acq On : 5 Jul 2023 17:49
Operator : CG/JU
Sample : PB153590BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 05 18:56:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 17:32:08 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	44808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.729	136	203067	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	139170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	331750	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	289788	20.000	ng/ul	0.00
88) Perylene-d12	24.724	264	366578	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.778	84	2393	0.616	ng/ul	0.00
7) Phenol-d5	7.092	99	577	0.126	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	304	0.110	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	530	0.168	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	292	0.085	ng/ul	0.00
21) Nitrobenzene-d5	9.072	128	158	0.095	ng/ul	-0.01
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.382	165	5101	1.529	ng/ul	0.03
31) 4-Chloroaniline-d4	10.864	131	2067	0.409	ng/ul	0.00
46) Dimethylphthalate-d6	13.961	166	1890	0.172	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	2033	0.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	287	0.148	ng/ul	0.00
60) Fluorene-d10	15.553	176	1794	0.192	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.688	200	938	0.521	ng/ul	0.02
73) Anthracene-d10	17.404	188	3778	0.245	ng/ul	0.00
81) Pyrene-d10	19.695	212	3956	0.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.501	264	4697m	0.251	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	16748	10.595	ng/uL#	95
5) Pyridine	3.790	79	106617	26.786	ng/ul	92
6) Benzaldehyde	7.063	77	77350	50.615	ng/ul	96
8) Phenol	7.116	94	140801	30.321	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.339	93	105181	29.335	ng/ul	98
12) 2-Chlorophenol	7.492	128	99590	30.323	ng/ul	98
13) 2-Methylphenol	8.367	108	109131	29.924	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.449	45	168677	30.562	ng/ul	99
16) Acetophenone	8.743	105	172657	30.139	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.726	70	90244	29.468	ng/ul	97
18) 4-Methylphenol	8.696	108	119672	30.347	ng/ul	97
19) Hexachloroethane	9.002	117	37582	29.850	ng/ul	95
22) Nitrobenzene	9.125	77	125670	29.249	ng/ul	96
23) Isophorone	9.648	82	268446	29.281	ng/ul	98
25) 2-Nitrophenol	9.836	139	55694	29.838	ng/ul	95
26) 2,4-Dimethylphenol	9.901	107	124734	29.718	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.130	93	151394	29.304	ng/ul	100
29) 2,4-Dichlorophenol	10.377	162	101897	31.407	ng/ul	94
30) Naphthalene	10.776	128	339069	29.712	ng/ul	99
32) 4-Chloroaniline	10.888	127	123423	23.859	ng/ul	97
33) Hexachlorobutadiene	11.058	225	70323	30.616	ng/ul	93
34) Caprolactam	11.652	113	37833	29.004	ng/ul	92
35) 4-Chloro-3-methylphenol	12.022	107	122853	30.826	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.386	142	226655	29.463	ng/ul	96
37) 1-Methylnaphthalene	12.603	142	229317	29.726	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.756	216	132897	31.335	ng/ul	97
40) Hexachlorocyclopentadiene	12.733	237	77076	28.852	ng/ul	95
41) 2,4,6-Trichlorophenol	12.997	196	89740	31.220	ng/ul	94
42) 2,4,5-Trichlorophenol	13.073	196	98172	31.580	ng/ul	99
43) 1,1'-Biphenyl	13.397	154	303808	30.292	ng/ul	99
44) 2-Chloronaphthalene	13.438	162	240721	29.906	ng/ul	100
45) 2-Nitroaniline	13.643	65	86426	30.883	ng/ul	98
47) Dimethylphthalate	14.013	163	331407	30.041	ng/ul	100
48) 2,6-Dinitrotoluene	14.137	165	69498	30.691	ng/ul	95
50) Acenaphthylene	14.284	152	391217	30.234	ng/ul	98
51) 3-Nitroaniline	14.466	138	66058	34.519	ng/ul	96
52) Acenaphthene	14.624	153	268725	30.265	ng/ul	98
53) 2,4-Dinitrophenol	14.677	184	36148	30.620	ng/ul	93
55) 4-Nitrophenol	14.783	109	41444	28.837	ng/ul	89
56) Dibenzofuran	14.959	168	379991	30.106	ng/ul	100
57) 2,4-Dinitrotoluene	14.924	165	100722	31.394	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.189	232	85808	30.321	ng/ul	98
59) Diethylphthalate	15.371	149	341417	29.652	ng/ul	99
61) Fluorene	15.612	166	310733	30.004	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.600	204	170931	31.193	ng/ul	98
63) 4-Nitroaniline	15.629	138	69956	40.807	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.688	198	58087	31.531	ng/ul	98
67) N-Nitrosodiphenylamine	15.811	169	266315	30.164	ng/ul	99
68) 4-Bromophenyl-phenylether	16.493	248	115449	31.703	ng/ul	99
69) Hexachlorobenzene	16.610	284	130184	31.930	ng/ul	99
70) Atrazine	16.763	200	73272	20.295	ng/ul	96
71) Pentachlorophenol	16.957	266	68283	27.897	ng/ul	95
72) Phenanthrene	17.351	178	507436	30.070	ng/ul	99
74) Anthracene	17.439	178	512775	30.027	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.361	216	136666	31.062	ng/uL	97
76) Pentachlorobenzene	14.877	250	149477	31.811	ng/uL	95
77) Carbazole	17.709	167	478010	30.951	ng/ul	99
78) Di-n-butylphthalate	18.261	149	605855	30.795	ng/ul	99
80) Fluoranthene	19.360	202	614834	29.073	ng/ul	99
82) Pyrene	19.724	202	633105	29.740	ng/ul	99
83) Butylbenzylphthalate	20.606	149	269872	31.263	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.464	252	230971	32.923	ng/ul	97
85) Benzo(a)anthracene	21.546	228	631016	30.327	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.446	149	390653	31.580	ng/ul	97
87) Chrysene	21.610	228	598163	30.667	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	693783	30.803	ng/ul	100
90) Benzo(b)fluoranthene	23.720	252	682194	30.056	ng/ul	99
91) Benzo(k)fluoranthene	23.784	252	655534	29.465	ng/ul	99
93) Benzo(a)pyrene	24.578	252	605697	30.150	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.332	276	803751	30.129	ng/ul	99
95) Dibenzo(a,h)anthracene	28.385	278	666315	30.289	ng/ul	99
96) Benzo(g,h,i)perylene	29.460	276	651636	29.905	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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