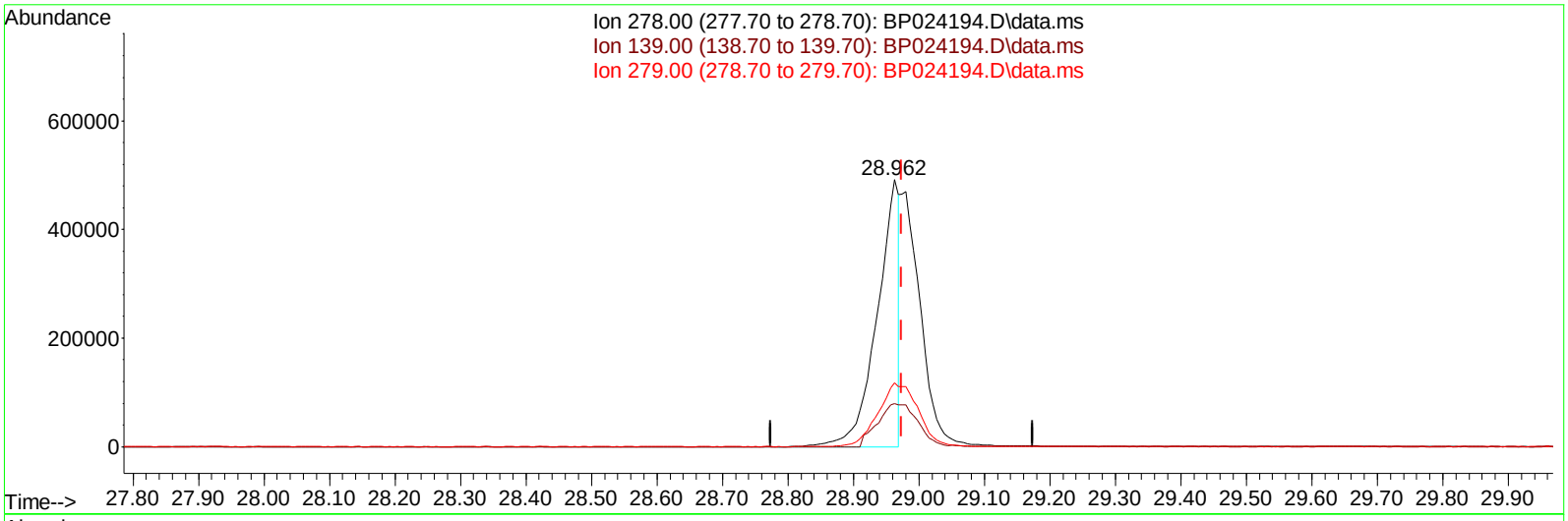
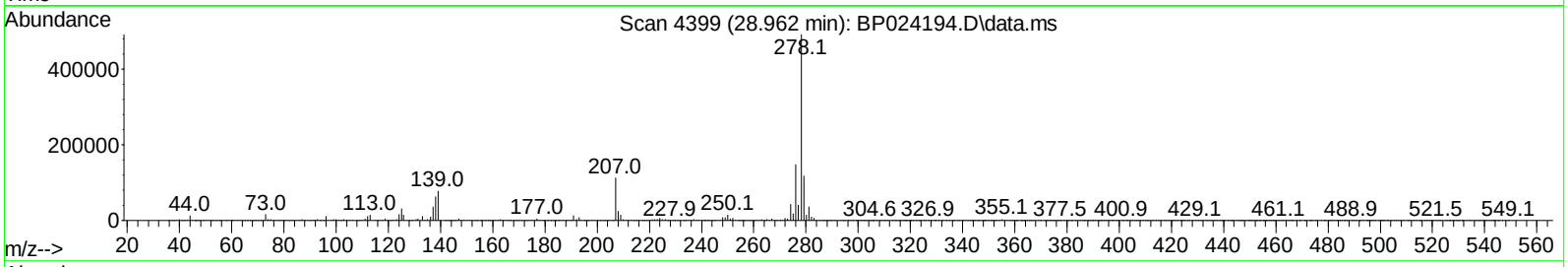
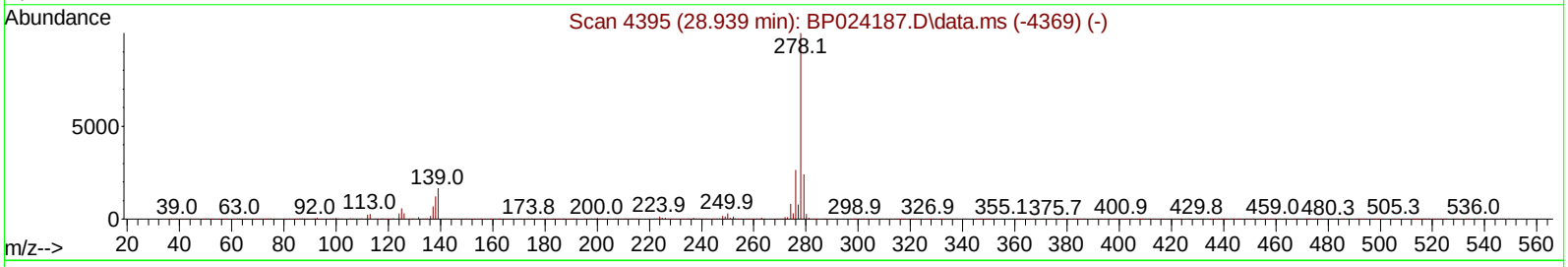
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032025\
Data File : BP024194.D
Acq On : 20 Mar 2025 16:14
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 20 17:08:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 14:51:41 2025
Response via : Initial Calibration







TIC: BP024194.D\data.ms

(95) Dibenzo(a,h)anthracene

28.962min (-0.012) 9.17 ng/ul

response 1133560

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	16.08
279.00	24.20	24.07
0.00	0.00	0.00

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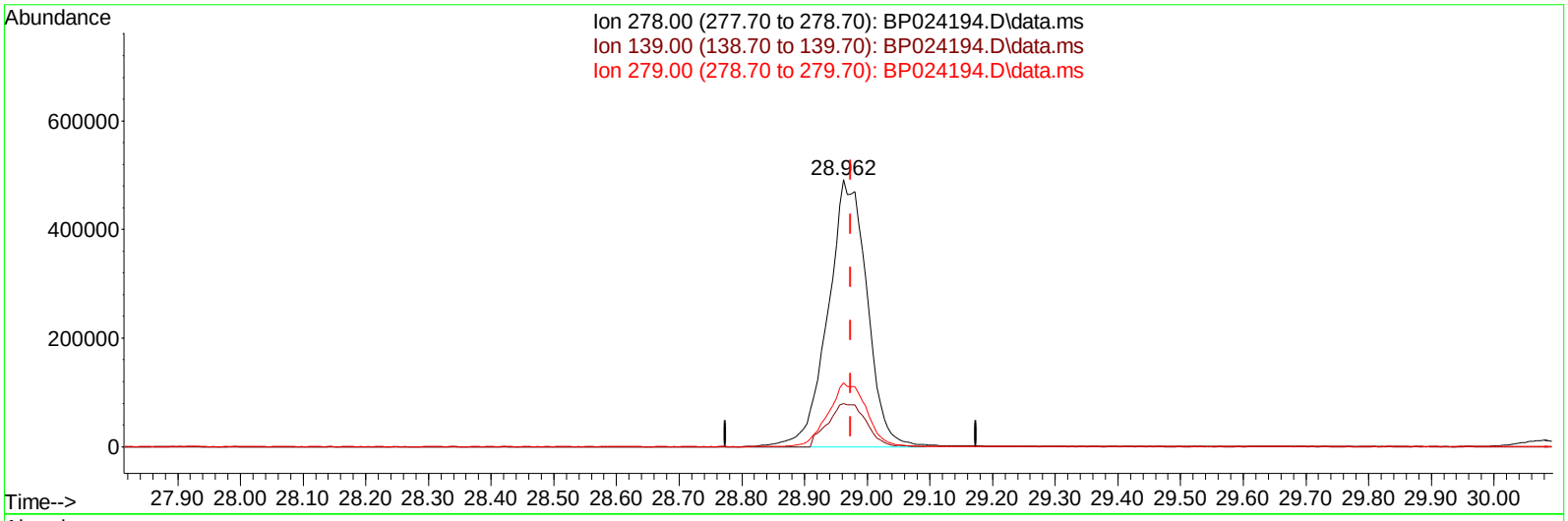

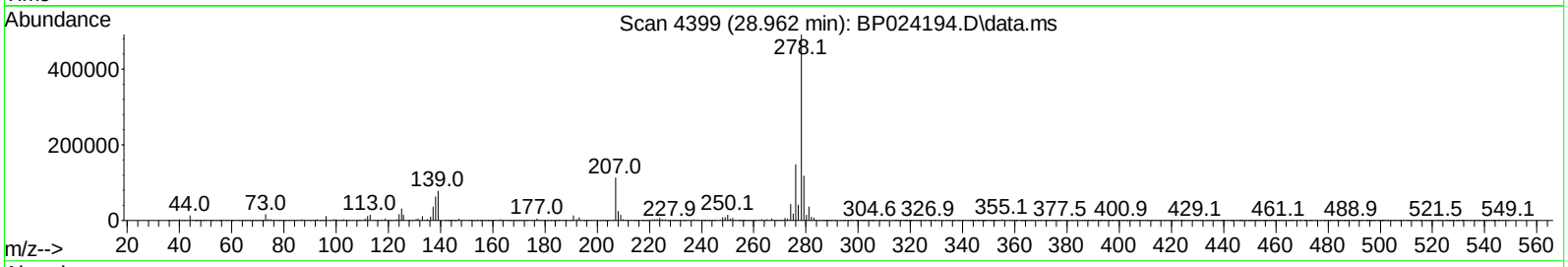

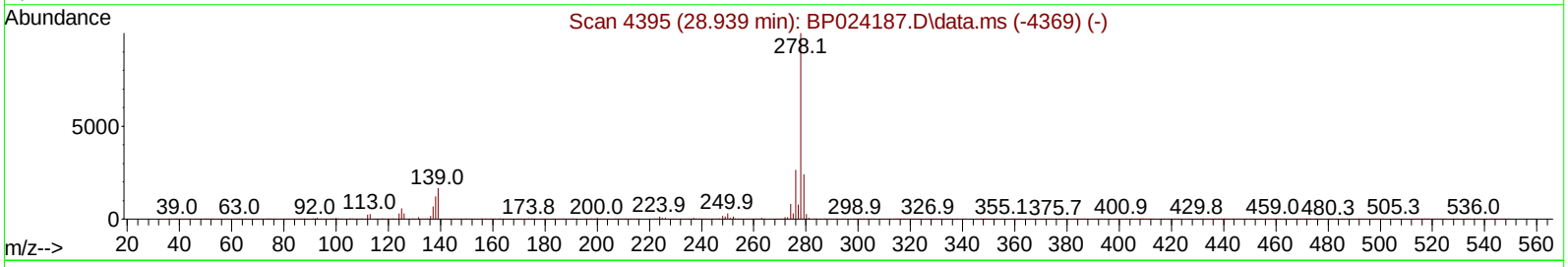

TIC: BP024194.D\data.ms

(95) Dibenzo(a,h)anthracene

28.962min (-0.012) 17.18 ng/ul m

response 2123711

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	16.08
279.00	24.20	24.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 20 Mar 2025 16:14
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	458861	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.522	136	1955001	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.387	164	1216063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2403103	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	2408946	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	2047287	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	102333	8.884	ng/uL	0.00
4) Pyridine-d5	3.676	84	709684	21.417	ng/ul	0.00
7) Phenol-d5	6.922	99	855924	21.024	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.081	67	521231	23.248	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	697286	22.311	ng/ul	-0.01
15) 4-Methylphenol-d8	8.446	113	689636	21.454	ng/ul	-0.01
21) Nitrobenzene-d5	8.887	128	346797	21.969	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.605	143	364676	22.127	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.146	165	656271	22.146	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.658	131	967315	21.357	ng/ul	-0.01
46) Dimethylphthalate-d6	13.787	166	1939245	22.007	ng/ul	-0.01
49) Acenaphthylene-d8	14.075	160	2224827	21.768	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.599	143	358797	19.888	ng/ul	0.00
60) Fluorene-d10	15.398	176	1673635	22.354	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	331343	21.839	ng/ul	0.00
73) Anthracene-d10	17.298	188	2553275	21.772	ng/ul	0.00
81) Pyrene-d10	19.675	212	2858944	23.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.816	264	2407897	22.686	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	107929	8.884	ng/uL	99
5) Pyridine	3.693	79	728064	21.698	ng/ul	99
6) Benzaldehyde	6.893	77	542687	25.852	ng/ul	99
8) Phenol	6.946	94	905645	21.406	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.169	93	728385	22.629	ng/ul	99
12) 2-Chlorophenol	7.317	128	728943	22.364	ng/ul	100
13) 2-Methylphenol	8.181	108	660882	21.375	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.258	45	802050	23.760	ng/ul	99
16) Acetophenone	8.552	105	1105480	22.219	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.540	70	546119	23.403	ng/ul	100
18) 4-Methylphenol	8.511	108	741690	21.647	ng/ul	98
19) Hexachloroethane	8.811	117	291620	22.439	ng/ul	97
22) Nitrobenzene	8.934	77	791645	22.301	ng/ul	100
23) Isophorone	9.452	82	1475402	22.189	ng/ul	98
25) 2-Nitrophenol	9.640	139	405481	22.216	ng/ul	97
26) 2,4-Dimethylphenol	9.699	107	732609	22.396	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	959371	22.680	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	671305	22.180	ng/ul	99
30) Naphthalene	10.569	128	2306516	21.789	ng/ul	100
32) 4-Chloroaniline	10.681	127	931228	21.553	ng/ul	99
33) Hexachlorobutadiene	10.858	225	407454	21.986	ng/ul	99
34) Caprolactam	11.463	113	223386	19.436	ng/ul	97
35) 4-Chloro-3-methylphenol	11.810	107	701425	22.274	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.187	142	1583859	22.177	ng/ul	100
37) 1-Methylnaphthalene	12.405	142	1569310	22.230	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	805147	21.909	ng/ul	100
40) Hexachlorocyclopentadiene	12.540	237	420389	22.011	ng/ul	99
41) 2,4,6-Trichlorophenol	12.799	196	509381	22.033	ng/ul	98
42) 2,4,5-Trichlorophenol	12.881	196	557287	22.145	ng/ul	97
43) 1,1'-Biphenyl	13.204	154	2036224	22.019	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	1563959	21.803	ng/ul	99
45) 2-Nitroaniline	13.457	65	417262	22.360	ng/ul	99
47) Dimethylphthalate	13.840	163	1931593	21.912	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	381346	22.058	ng/ul	98
50) Acenaphthylene	14.104	152	2403587	21.704	ng/ul	99
51) 3-Nitroaniline	14.287	138	413181	20.558	ng/ul	96
52) Acenaphthene	14.451	153	1679954	21.551	ng/ul	100
53) 2,4-Dinitrophenol	14.499	184	212121	19.682	ng/ul	97
55) 4-Nitrophenol	14.616	109	248273	19.852	ng/ul	97
56) Dibenzofuran	14.793	168	2335818	21.731	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	574441	22.323	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.022	232	463782	22.409	ng/ul	99
59) Diethylphthalate	15.222	149	1963456	22.498	ng/ul	100
61) Fluorene	15.451	166	1943055	22.111	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	955876	22.516	ng/ul	99
63) 4-Nitroaniline	15.469	138	433784	21.933	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.528	198	361091	21.808	ng/ul	94
67) N-Nitrosodiphenylamine	15.669	169	1606451	21.926	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	580870	21.936	ng/ul	95
69) Hexachlorobenzene	16.481	284	706948	21.979	ng/ul	97
70) Atrazine	16.651	200	613209	23.117	ng/ul	100
71) Pentachlorophenol	16.834	266	425746	21.088	ng/ul	100
72) Phenanthrene	17.240	178	2964060	21.575	ng/ul	100
74) Anthracene	17.334	178	3032459	21.907	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	787727	21.768	ng/uL	99
76) Pentachlorobenzene	14.716	250	826419	21.840	ng/uL	99
77) Carbazole	17.622	167	2732133	21.739	ng/ul	99
78) Di-n-butylphthalate	18.204	149	3387647	23.141	ng/ul	100
80) Fluoranthene	19.328	202	3386578	24.069	ng/ul	99
82) Pyrene	19.704	202	3632098	23.954	ng/ul	98
83) Butylbenzylphthalate	20.657	149	1465298	23.967	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	927822	19.256	ng/ul	99
85) Benzo(a)anthracene	21.639	228	3489607	22.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.575	149	2185459	23.820	ng/ul	100
87) Chrysene	21.698	228	3228409	21.807	ng/ul	99
89) Di-n-octyl phthalate	22.875	149	3174013	26.557	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	2963732	24.339	ng/ul	100
91) Benzo(k)fluoranthene	24.039	252	3035831	24.563	ng/ul	99
93) Benzo(a)pyrene	24.874	252	2614695	22.709	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.892	276	2557009	16.795	ng/ul	99
95) Dibenzo(a,h)anthracene	28.962	278	2123711m	17.180	ng/ul	
96) Benzo(g,h,i)perylene	30.080	276	1880007	15.912	ng/ul	98

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

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