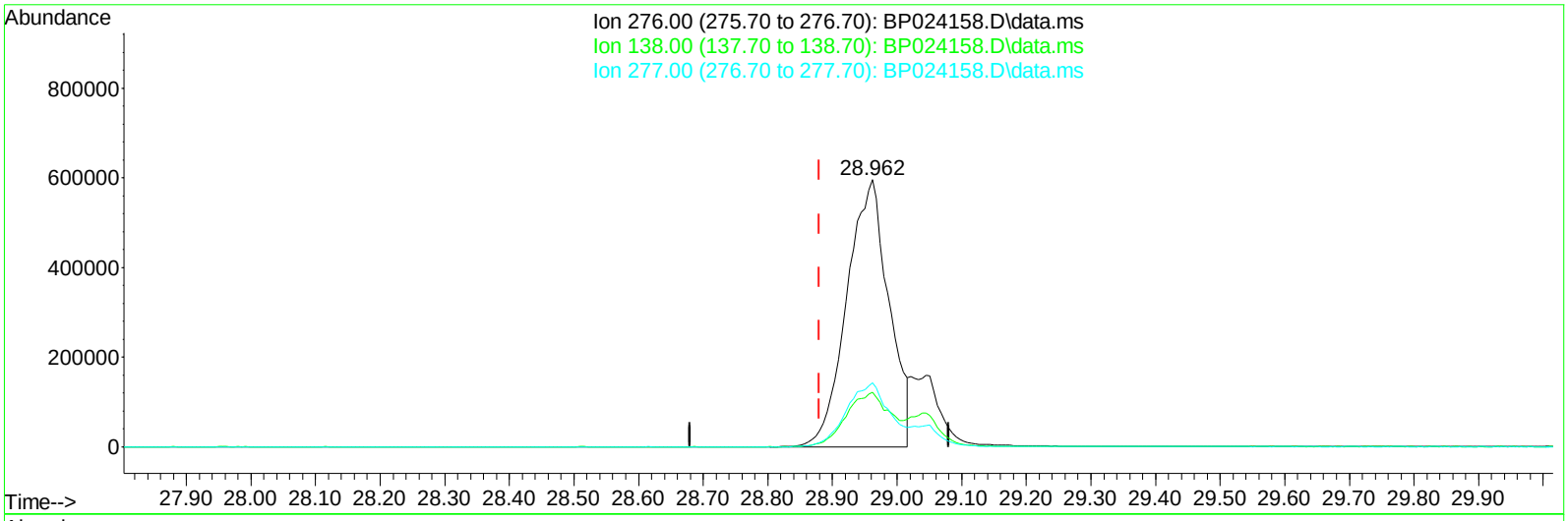
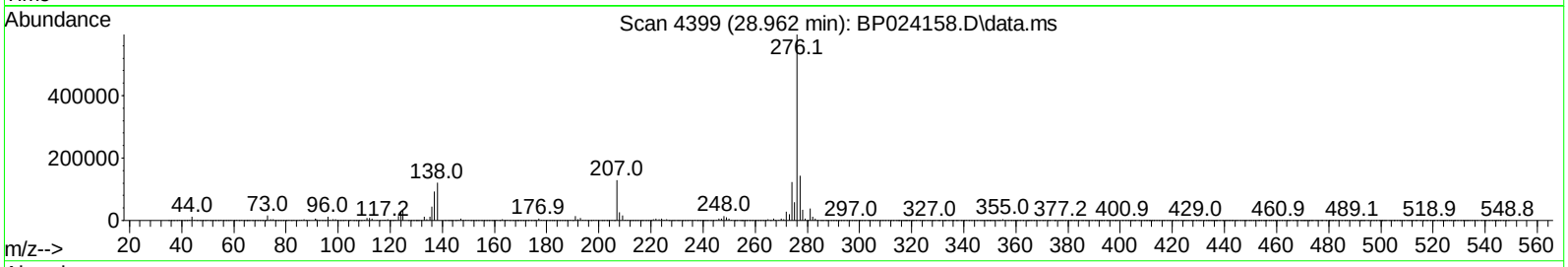
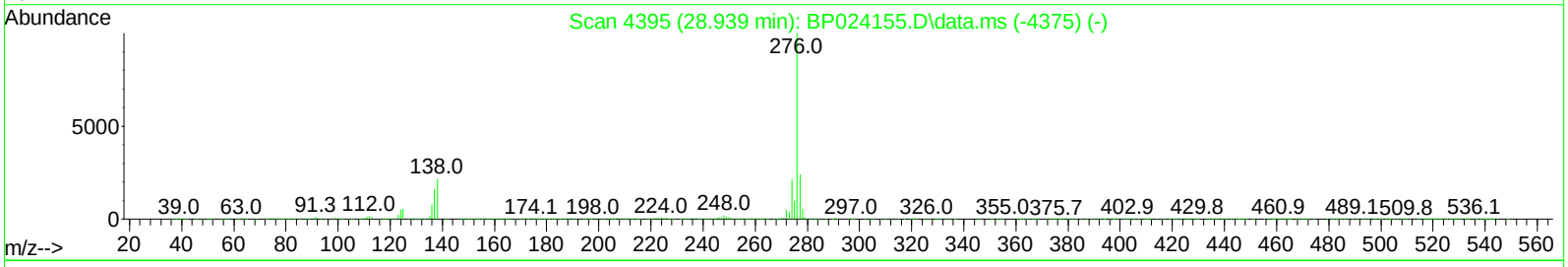
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031125\
Data File : BP024158.D
Acq On : 11 Mar 2025 16:25
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 16:46:45 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: BP024158.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.962min (+ 0.082) 17.99 ng/ul

response 2690731

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.32
277.00	23.60	23.99
0.00	0.00	0.00

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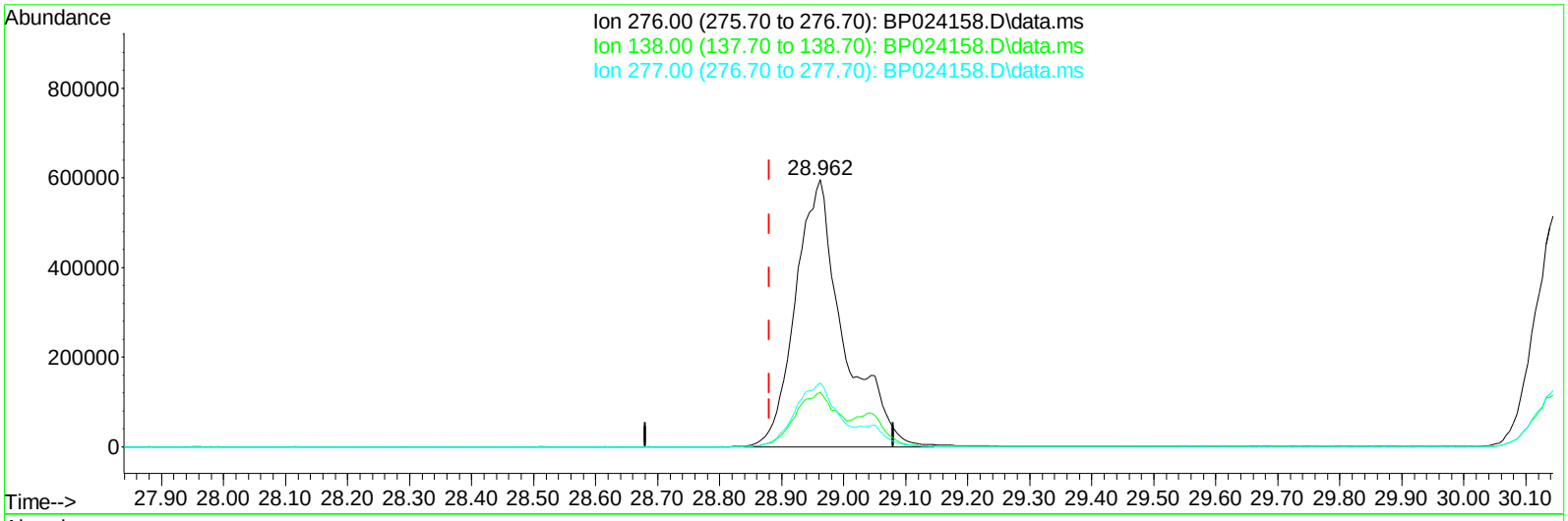

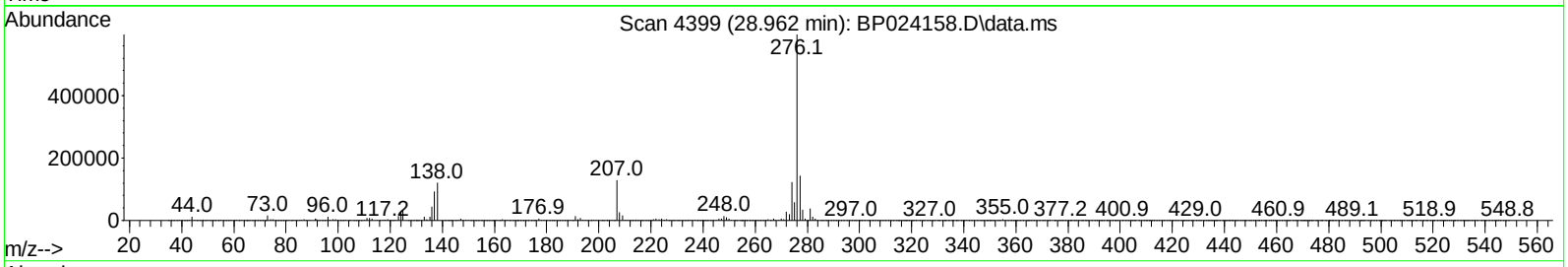

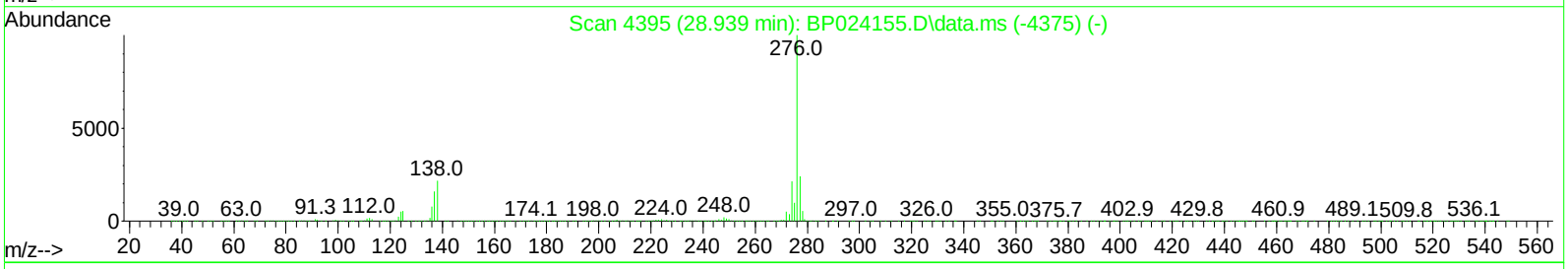

TIC: BP024158.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.962min (+ 0.082) 21.40 ng/ul m

response 3200774

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.32
277.00	23.60	23.99
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 11 Mar 2025 16:25
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 16:48:21 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	255554	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.528	136	1129904	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	754544	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1585166	20.00	ng/ul	0.01
79) Chrysene-d12	21.680	240	1876094	20.00	ng/ul	0.03
88) Perylene-d12	25.080	264	2011052	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	56085	8.74	ng/uL	-0.02
4) Pyridine-d5	3.669	84	408237	22.12	ng/ul	-0.01
7) Phenol-d5	6.916	99	487291	21.49	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.075	67	282782	22.65	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.281	132	383465	22.03	ng/ul	-0.01
15) 4-Methylphenol-d8	8.446	113	392983	21.95	ng/ul	-0.01
21) Nitrobenzene-d5	8.887	128	193337	21.19	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.610	143	196824	20.66	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.151	165	371244	21.68	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	584213	22.32	ng/ul	-0.01
46) Dimethylphthalate-d6	13.792	166	1238062	22.64	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	1383220	21.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	248913	22.24	ng/ul	0.00
60) Fluorene-d10	15.410	176	1049010	22.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	197179	19.70	ng/ul	0.00
73) Anthracene-d10	17.310	188	1716793	22.19	ng/ul	0.01
81) Pyrene-d10	19.692	212	2065803	21.98	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.862	264	2325800	22.31	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	60978	9.01	ng/uL	98
5) Pyridine	3.687	79	419963	22.47	ng/ul	99
6) Benzaldehyde	6.887	77	307176	26.27	ng/ul	99
8) Phenol	6.946	94	516889	21.94	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.163	93	403123	22.49	ng/ul	98
12) 2-Chlorophenol	7.310	128	402569	22.18	ng/ul	100
13) 2-Methylphenol	8.181	108	372911	21.66	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	436976	23.24	ng/ul	99
16) Acetophenone	8.557	105	638197	23.03	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.540	70	310179	23.87	ng/ul	99
18) 4-Methylphenol	8.504	108	431400	22.61	ng/ul	100
19) Hexachloroethane	8.816	117	157610	21.78	ng/ul	98
22) Nitrobenzene	8.928	77	448667	21.87	ng/ul	97
23) Isophorone	9.451	82	860261	22.39	ng/ul	99
25) 2-Nitrophenol	9.640	139	224385	21.27	ng/ul	99
26) 2,4-Dimethylphenol	9.704	107	425522	22.51	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	540841	22.12	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	383121	21.90	ng/ul	99
30) Naphthalene	10.575	128	1323822	21.64	ng/ul	100
32) 4-Chloroaniline	10.681	127	561795	22.50	ng/ul	98
33) Hexachlorobutadiene	10.863	225	221761	20.70	ng/ul	98
34) Caprolactam	11.457	113	146413	22.04	ng/ul	95
35) 4-Chloro-3-methylphenol	11.816	107	420220	23.09	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.193	142	912936	22.12	ng/ul	100
37) 1-Methylnaphthalene	12.410	142	915511	22.44	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	468318	20.54	ng/ul	98
40) Hexachlorocyclopentadiene	12.545	237	225717	19.05	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	296456	20.67	ng/ul	98
42) 2,4,5-Trichlorophenol	12.881	196	325928	20.87	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	1210727	21.10	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	941398	21.15	ng/ul	100
45) 2-Nitroaniline	13.457	65	255485	22.06	ng/ul	96
47) Dimethylphthalate	13.845	163	1219716	22.30	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	236237	22.02	ng/ul	97
50) Acenaphthylene	14.116	152	1491161	21.70	ng/ul	100
51) 3-Nitroaniline	14.292	138	275074	22.06	ng/ul	97
52) Acenaphthene	14.457	153	1064863	22.02	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	121527	18.17	ng/ul	97
55) 4-Nitrophenol	14.622	109	175618	22.63	ng/ul	98
56) Dibenzofuran	14.798	168	1469185	22.03	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	363692	22.78	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.034	232	293596	22.86	ng/ul	99
59) Diethylphthalate	15.234	149	1245105	22.99	ng/ul	100
61) Fluorene	15.469	166	1243987	22.81	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	595114	22.59	ng/ul	99
63) 4-Nitroaniline	15.481	138	302166	24.62	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	217290	19.89	ng/ul	96
67) N-Nitrosodiphenylamine	15.681	169	1053782	21.80	ng/ul	100
68) 4-Bromophenyl-phenylether	16.381	248	366413	20.98	ng/ul	97
69) Hexachlorobenzene	16.492	284	452808	21.34	ng/ul	99
70) Atrazine	16.663	200	401890	22.97	ng/ul	98
71) Pentachlorophenol	16.851	266	269817	20.26	ng/ul	97
72) Phenanthrene	17.251	178	1977084	21.82	ng/ul	100
74) Anthracene	17.345	178	2019354	22.12	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	464002	19.44	ng/uL	98
76) Pentachlorobenzene	14.722	250	512524	20.53	ng/uL	99
77) Carbazole	17.633	167	1892301	22.83	ng/ul	99
78) Di-n-butylphthalate	18.216	149	2202219	22.81	ng/ul	100
80) Fluoranthene	19.345	202	2405854	21.95	ng/ul	100
82) Pyrene	19.721	202	2618629	22.18	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1053359	22.12	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.568	252	812900	21.66	ng/ul	99
85) Benzo(a)anthracene	21.657	228	2676819	21.81	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	1588282	22.23	ng/ul	100
87) Chrysene	21.721	228	2513746	21.80	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	2568493	21.88	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	2741563	22.92	ng/ul	99
91) Benzo(k)fluoranthene	24.074	252	2687059	22.13	ng/ul	99
93) Benzo(a)pyrene	24.921	252	2529340	22.36	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.962	276	3200774m	21.40	ng/ul	
95) Dibenzo(a,h)anthracene	29.050	278	2620141	21.58	ng/ul	99
96) Benzo(g,h,i)perylene	30.144	276	2459484	21.19	ng/ul	99

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

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