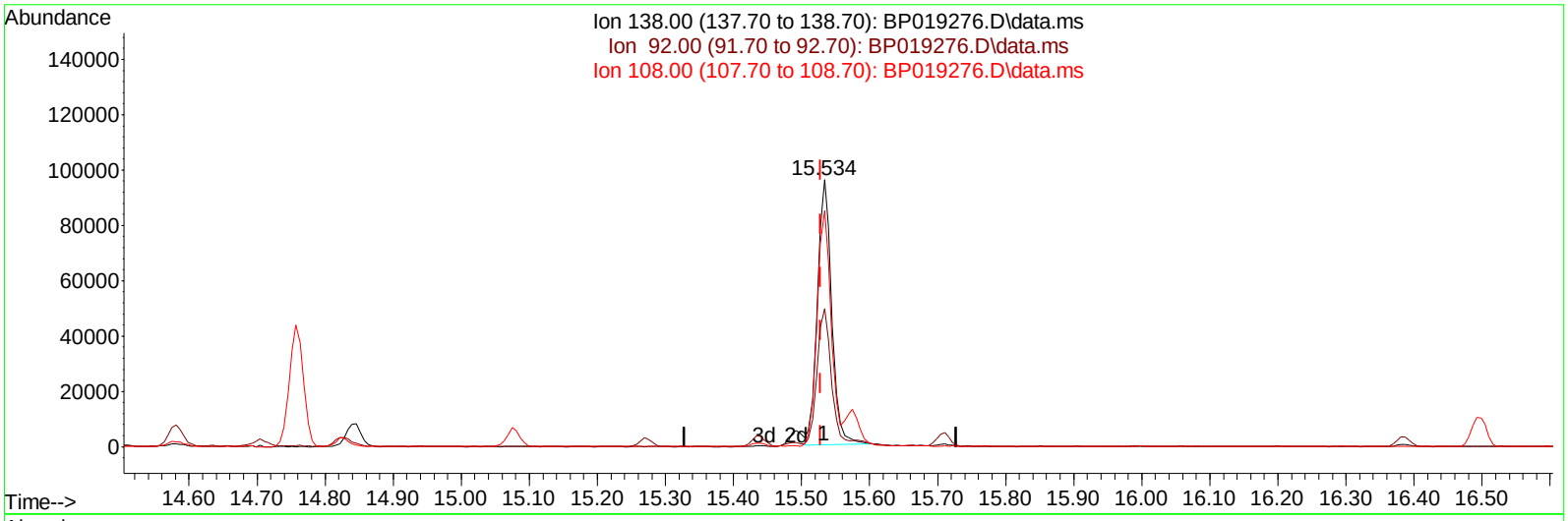
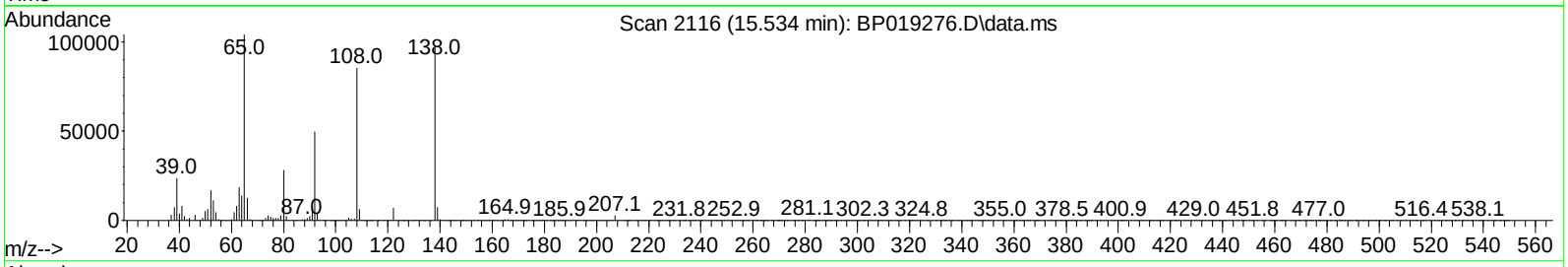
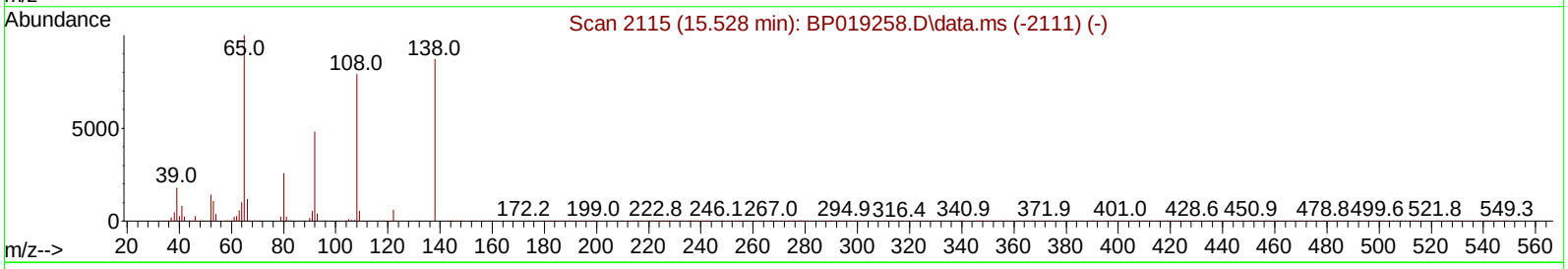
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019276.D
Acq On : 04 Jan 2024 23:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 05 00:51:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration







TIC: BP019276.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.006) 23.20 ng/ul

response 139835

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	51.75
108.00	82.80	88.61
0.00	0.00	0.00

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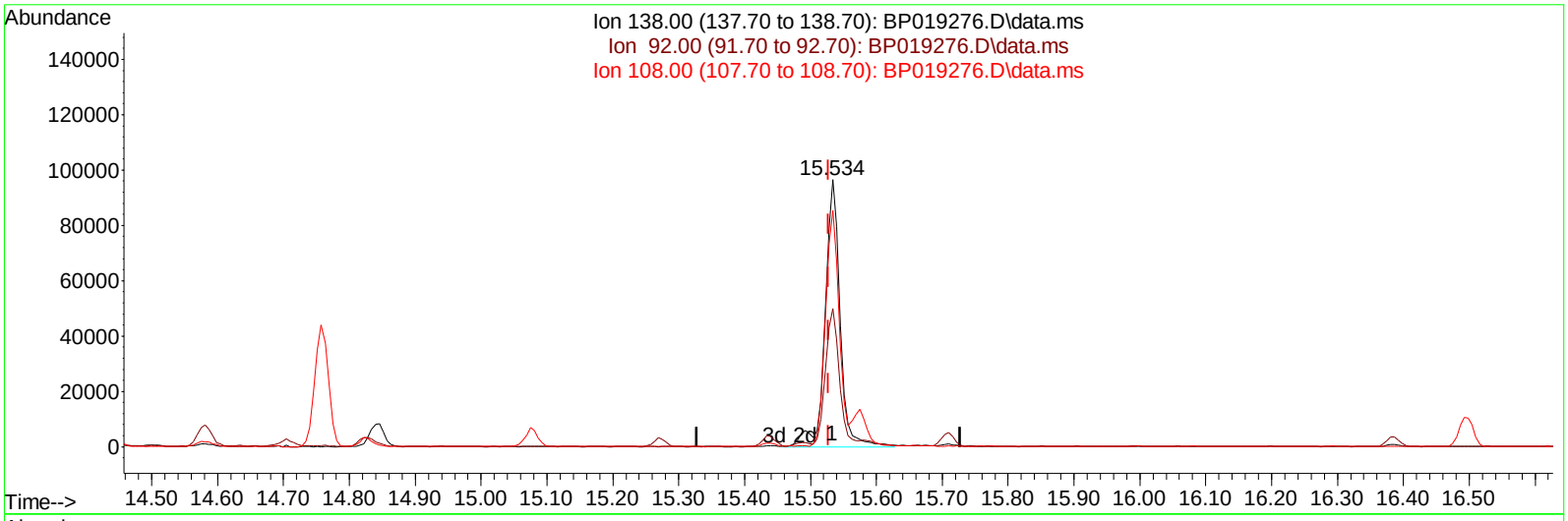

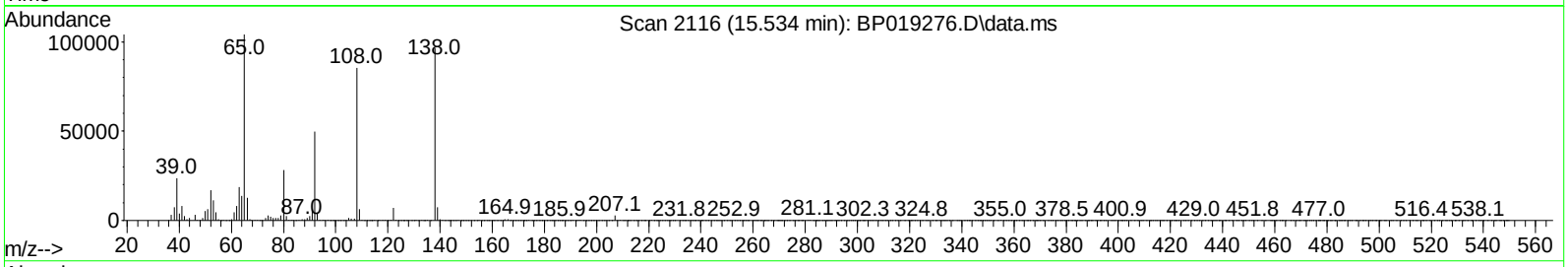

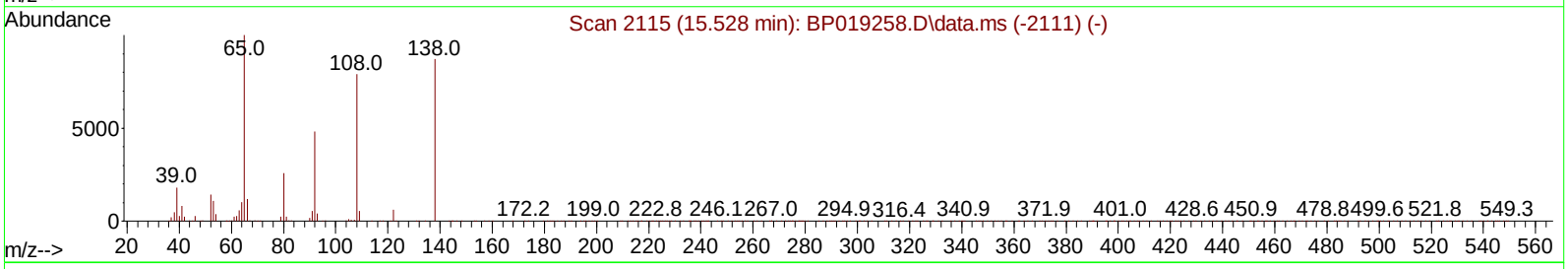

TIC: BP019276.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.006) 25.52 ng/ul m

response 153850

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	51.75
108.00	82.80	88.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 04 Jan 2024 23:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 05 00:52:59 2024
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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	7.793	152	173098	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	627665	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	382529	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	911798	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1019659	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	1227962	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	41184	8.126	ng/uL	0.00
4) Pyridine-d5	3.658	84	273051	21.464	ng/ul	0.00
7) Phenol-d5	6.987	99	316584	20.394	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	185223	20.625	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	256031	20.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	237300	19.635	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	117241	21.608	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	133549	22.775	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	246023	20.777	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	283514	19.466	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	642461	19.014	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	755160	20.598	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	118583	20.784	ng/ul	0.02
60) Fluorene-d10	15.440	176	584416	20.021	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	77318	12.935	ng/ul	0.00
73) Anthracene-d10	17.298	188	968658	20.343	ng/ul	0.00
81) Pyrene-d10	19.545	212	1252931	20.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	1397198	19.795	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	44574	7.999	ng/uL	97
5) Pyridine	3.676	79	276427	21.407	ng/ul	92
6) Benzaldehyde	6.946	77	153157	21.250	ng/ul	97
8) Phenol	7.017	94	313732	20.462	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	247770	19.972	ng/ul	100
12) 2-Chlorophenol	7.364	128	257821	20.129	ng/ul	98
13) 2-Methylphenol	8.264	108	229513	20.235	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.322	45	310025	21.185	ng/ul	99
16) Acetophenone	8.628	105	365202	20.177	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.611	70	176488	19.554	ng/ul	99
18) 4-Methylphenol	8.593	108	240216	19.676	ng/ul	98
19) Hexachloroethane	8.863	117	97400	18.130	ng/ul	96
22) Nitrobenzene	9.005	77	280124	21.132	ng/ul	99
23) Isophorone	9.534	82	495802	20.742	ng/ul	99
25) 2-Nitrophenol	9.716	139	137148	21.905	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	235080	21.327	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.016	93	300469	19.018	ng/ul	98
29) 2,4-Dichlorophenol	10.258	162	234033	20.225	ng/ul	100
30) Naphthalene	10.646	128	756733	19.997	ng/ul	100
32) 4-Chloroaniline	10.769	127	275974	19.747	ng/ul	98
33) Hexachlorobutadiene	10.916	225	192858	21.657	ng/ul	98
34) Caprolactam	11.563	113	63310	20.714	ng/ul	94
35) 4-Chloro-3-methylphenol	11.916	107	228724	20.136	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	500325	19.609	ng/ul	99
37) 1-Methylnaphthalene	12.481	142	507361	19.719	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	314333	19.952	ng/ul	100
40) Hexachlorocyclopentadiene	12.599	237	107711	12.317	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	194465	20.683	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	211198	21.161	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	648236	19.426	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	535491	19.999	ng/ul	97
45) 2-Nitroaniline	13.534	65	145458	22.629	ng/ul	92
47) Dimethylphthalate	13.904	163	636062	19.071	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	131160	21.401	ng/ul	98
50) Acenaphthylene	14.163	152	840143	20.368	ng/ul	100
51) 3-Nitroaniline	14.369	138	135589	22.630	ng/ul	96
52) Acenaphthene	14.504	153	555204	19.860	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	53141	13.459	ng/ul	97
55) 4-Nitrophenol	14.704	109	101285	22.213	ng/ul	97
56) Dibenzofuran	14.840	168	779445	19.524	ng/ul	94
57) 2,4-Dinitrotoluene	14.828	165	190973	21.188	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.075	232	188318	21.596	ng/ul#	97
59) Diethylphthalate	15.269	149	622070	19.236	ng/ul	99
61) Fluorene	15.493	166	644948	20.183	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.487	204	336481	19.282	ng/ul	96
63) 4-Nitroaniline	15.534	138	153850m	25.522	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.593	198	80328	12.692	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	530959	19.080	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	224536	19.813	ng/ul	98
69) Hexachlorobenzene	16.498	284	268522	19.388	ng/ul	97
70) Atrazine	16.669	200	166146	21.156	ng/ul	99
71) Pentachlorophenol	16.857	266	190115	23.380	ng/ul	97
72) Phenanthrene	17.240	178	1075940	19.472	ng/ul	99
74) Anthracene	17.334	178	1098527	19.970	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	311707	19.661	ng/uL	99
76) Pentachlorobenzene	14.757	250	305923	19.419	ng/uL	98
77) Carbazole	17.616	167	1007585	22.020	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1124754	19.820	ng/ul	99
80) Fluoranthene	19.216	202	1422449	19.948	ng/ul	100
82) Pyrene	19.575	202	1489902	19.942	ng/ul	98
83) Butylbenzylphthalate	20.451	149	576136	21.589	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.228	252	487848	19.126	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1601722	19.882	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	819610	20.857	ng/ul	100
87) Chrysene	21.339	228	1493652	19.883	ng/ul	99
89) Di-n-octyl phthalate	22.122	149	1500736	21.372	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1716698	19.903	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	1607158	18.962	ng/ul	99
93) Benzo(a)pyrene	23.569	252	1580933	19.474	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	2009203	19.306	ng/ul	97
95) Dibenzo(a,h)anthracene	26.145	278	1675054	19.348	ng/ul	100
96) Benzo(g,h,i)perylene	26.886	276	1599848	19.183	ng/ul	98

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

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