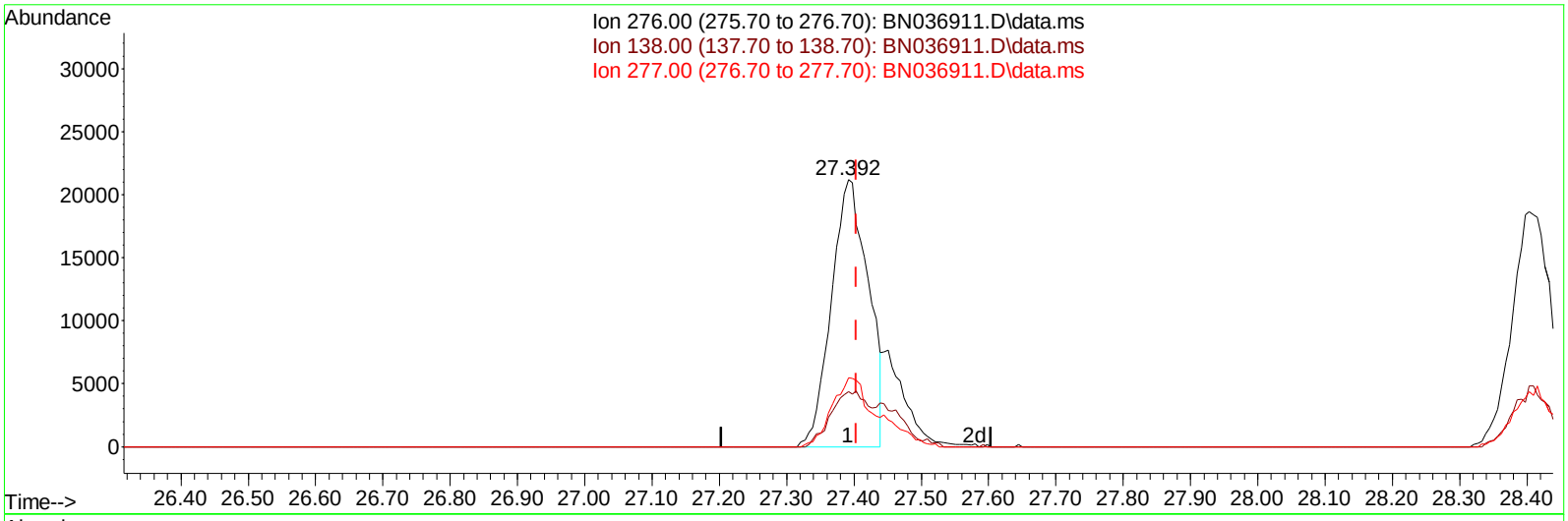
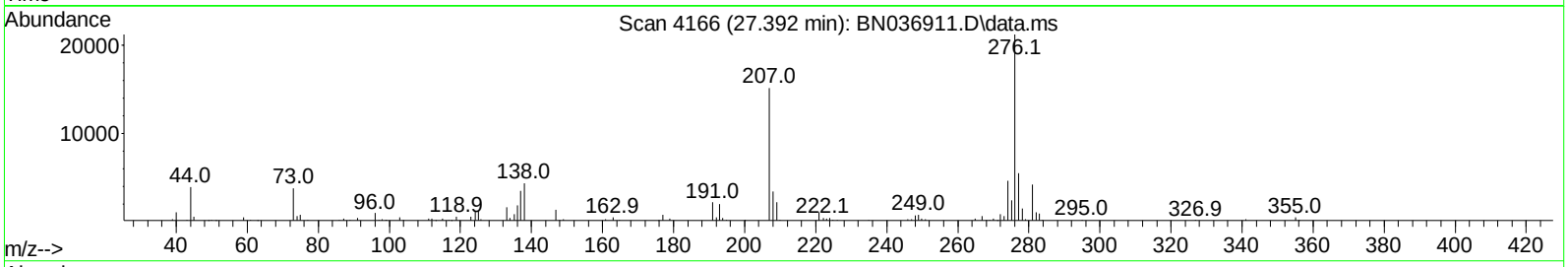
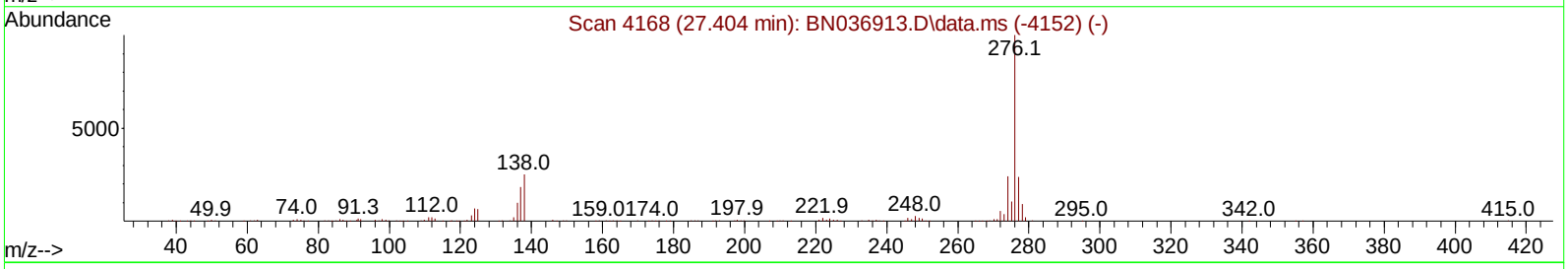
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041525\
Data File : BN036911.D
Acq On : 15 Apr 2025 10:59
Operator : RC/JU
Sample : SSTD00517
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 15 15:04:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 14:57:03 2025
Response via : Initial Calibration







TIC: BN036911.D\data.ms

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

27.392min (-0.012) 3.54 ng/ul

response 80444

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.30	20.69
277.00	23.70	25.88
0.00	0.00	0.00

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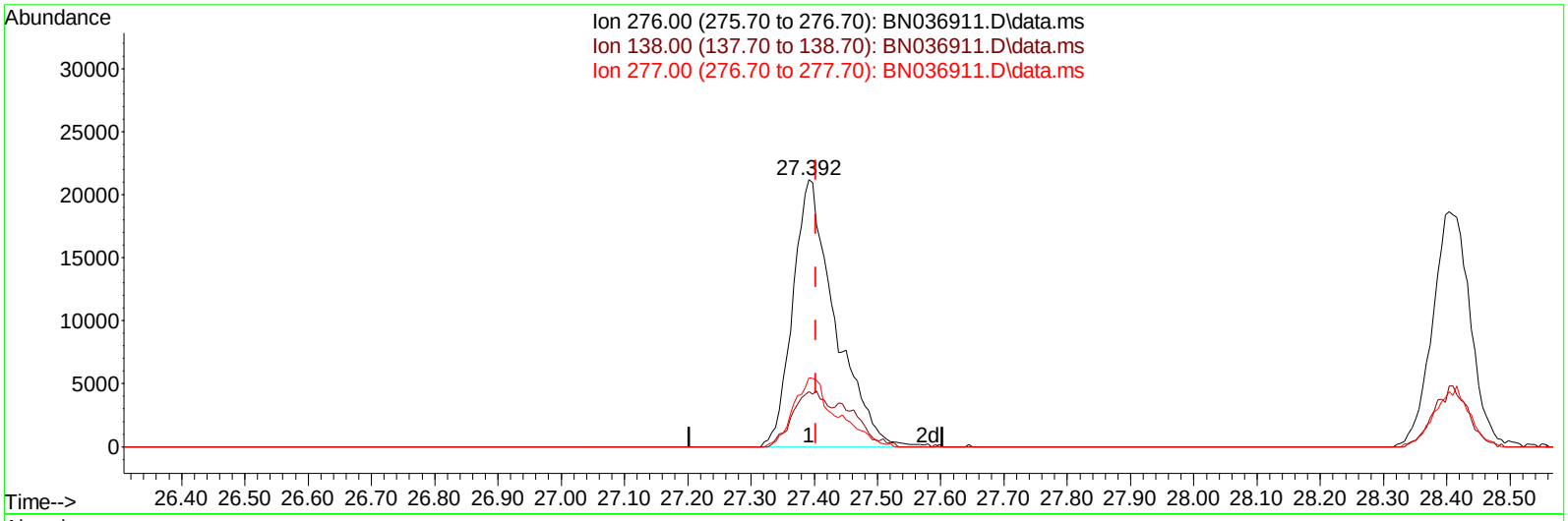

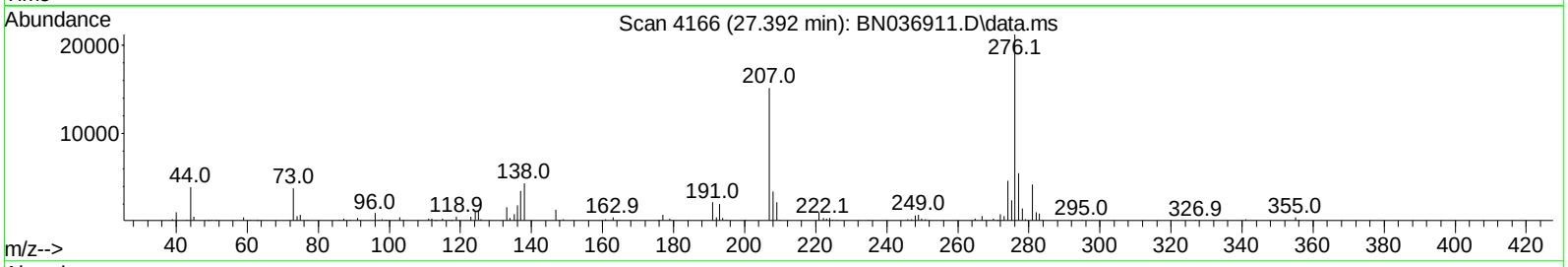

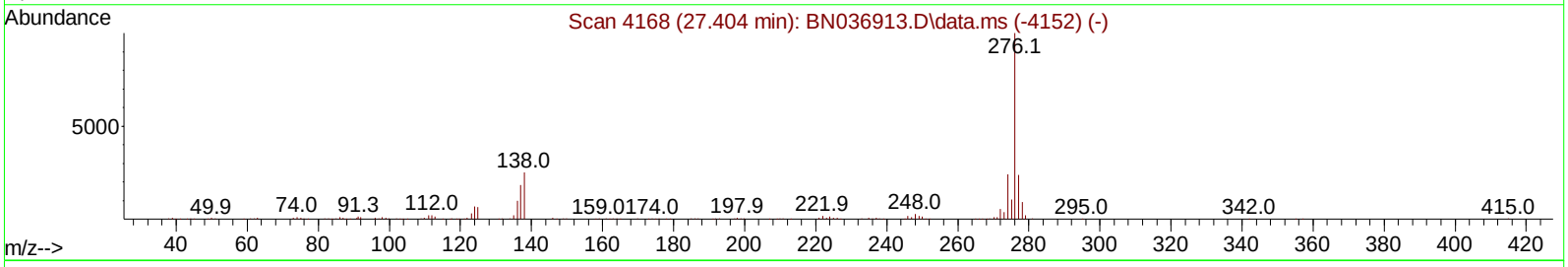

TIC: BN036911.D\data.ms

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

27.392min (-0.012) 4.32 ng/ul m

response 98210

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.30	20.69
277.00	23.70	25.88
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	48107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	208656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	148247	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	305233	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	314501	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	335327	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	2215	1.812	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.163	132	13288	4.204	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.781	128	7268	4.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	6900	4.052	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	14021	4.550	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.692	166	51250	4.674	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	52350	4.291	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.275	176	42808	4.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.122	188	68004	4.588	ng/ul	0.00
81) Pyrene-d10	19.427	212	76930	4.467	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	72286	4.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	2781	2.062	ng/uL	88
12) 2-Chlorophenol	7.193	128	14784	4.439	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	15017	4.275	ng/ul#	91
19) Hexachloroethane	8.699	117	7492	4.877	ng/ul	92
22) Nitrobenzene	8.822	77	22976	4.661	ng/ul	95
23) Isophorone	9.346	82	38422	4.244	ng/ul	96
25) 2-Nitrophenol	9.528	139	7801	4.102	ng/ul#	93
26) 2,4-Dimethylphenol	9.599	107	19243	4.774	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	22797	4.469	ng/ul#	94
29) 2,4-Dichlorophenol	10.063	162	14677	4.588	ng/ul	96
30) Naphthalene	10.463	128	53145	4.723	ng/ul	97
33) Hexachlorobutadiene	10.751	225	11088	5.250	ng/ul	95
35) 4-Chloro-3-methylphenol	11.704	107	17073	4.272	ng/ul	96
36) 2-Methylnaphthalene	12.081	142	37496	4.774	ng/ul	100
37) 1-Methylnaphthalene	12.304	142	37066	4.665	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.457	216	19991	4.860	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	10764	3.978	ng/ul	89
42) 2,4,5-Trichlorophenol	12.769	196	12236	4.152	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	50306	4.670	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	37827	4.536	ng/ul	99
45) 2-Nitroaniline	13.357	65	13688	4.048	ng/ul	94
47) Dimethylphthalate	13.740	163	50698	4.600	ng/ul	98
48) 2,6-Dinitrotoluene	13.857	165	8085	3.761	ng/ul	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	13.998	152	57067	4.337	ng/ul	98
52) Acenaphthene	14.345	153	43897	4.582	ng/ul	98
56) Dibenzofuran	14.681	168	63149	4.802	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	12672	3.871	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.910	232	11401	4.651	ng/ul	93
59) Diethylphthalate	15.116	149	54245	4.703	ng/ul	99
61) Fluorene	15.334	166	50540	4.640	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.328	204	24811	4.814	ng/ul	95
67) N-Nitrosodiphenylamine	15.545	169	42274	4.597	ng/ul	93
68) 4-Bromophenyl-phenylether	16.222	248	13255	4.478	ng/ul	93
69) Hexachlorobenzene	16.339	284	14627	4.488	ng/ul	95
72) Phenanthrene	17.069	178	81652	4.683	ng/ul	99
74) Anthracene	17.157	178	81302	4.602	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.069	216	19418	4.663	ng/uL	98
76) Pentachlorobenzene	14.604	250	18965	4.570	ng/uL	98
78) Di-n-butylphthalate	18.004	149	87596	4.381	ng/ul	99
80) Fluoranthene	19.092	202	92964	4.642	ng/ul	95
82) Pyrene	19.451	202	102080	4.670	ng/ul	99
83) Butylbenzylphthalate	20.369	149	37135	4.119	ng/ul	100
85) Benzo(a)anthracene	21.245	228	99637	4.653	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	55475	4.246	ng/ul#	97
87) Chrysene	21.304	228	95443	4.657	ng/ul	98
90) Benzo(b)fluoranthene	23.239	252	90350	4.418	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	92977	4.501	ng/ul	97
93) Benzo(a)pyrene	24.015	252	81582	4.229	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.392	276	98210m	4.316	ng/ul	
95) Dibenzo(a,h)anthracene	27.456	278	80291	4.406	ng/ul	95
96) Benzo(g,h,i)perylene	28.403	276	77025	4.391	ng/ul	98

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

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