Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
Data File : BN037738.D
Acq On : 16 Sep 2025 18:44
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 05:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:43:05 2025
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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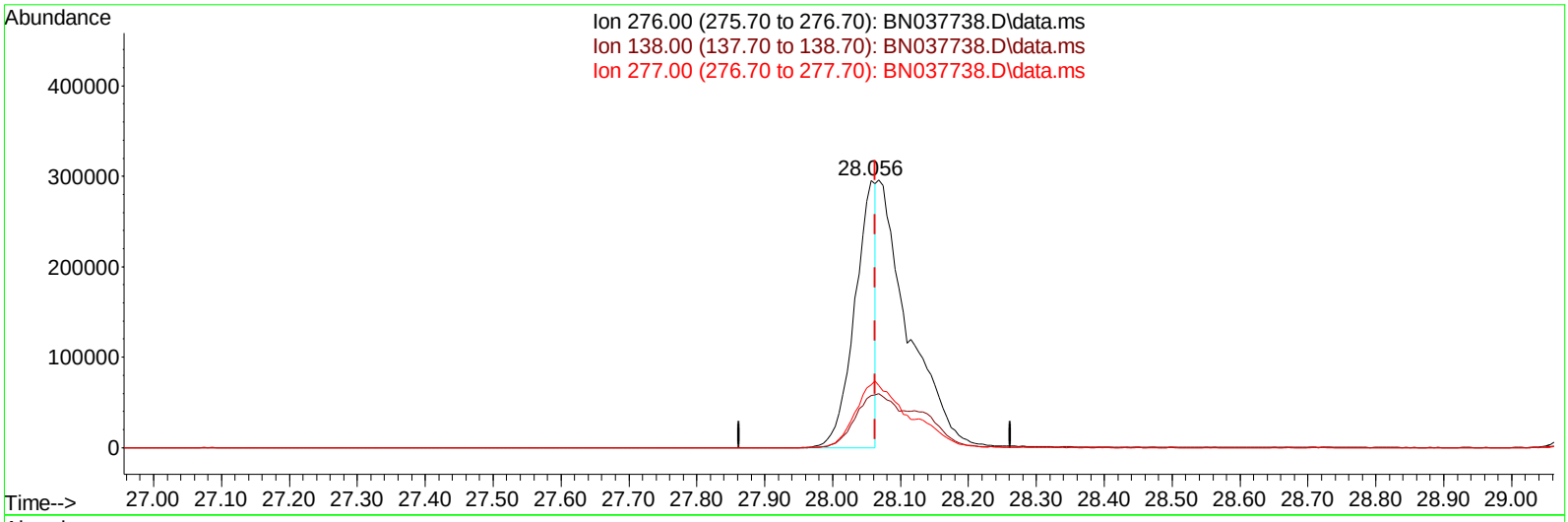
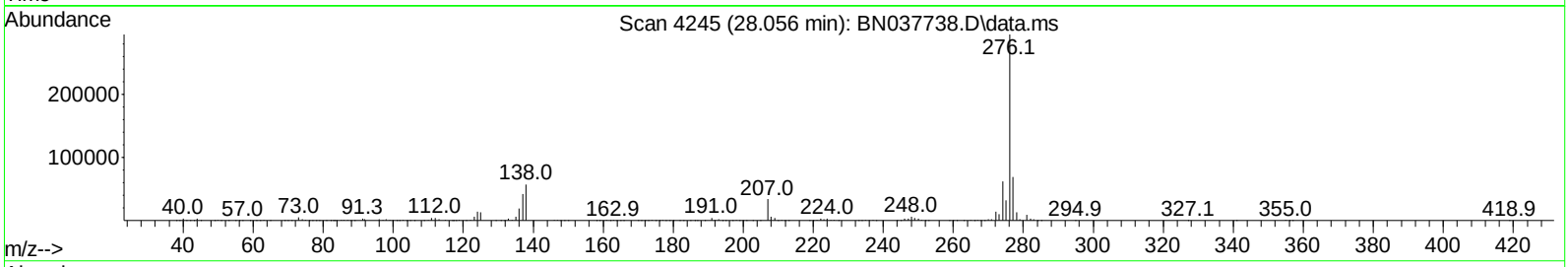
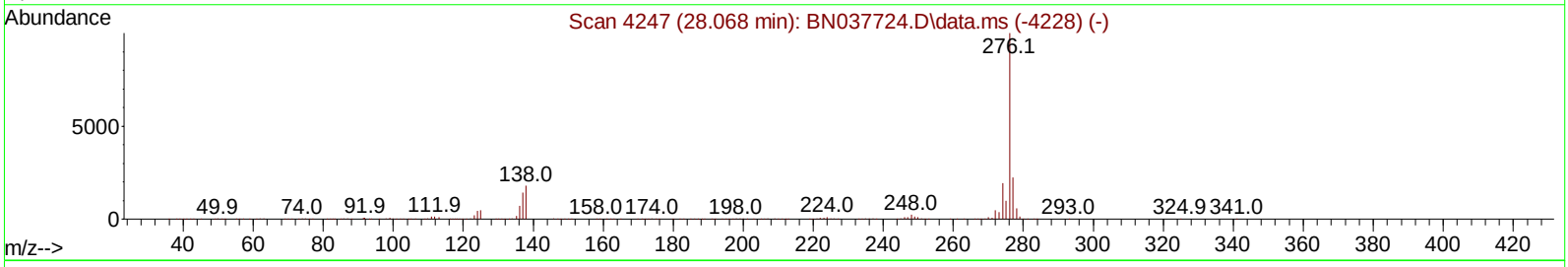
Supervised By :Jagrut Upadhyay 09/17/2025







TIC: BN037738.D\data.ms

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

28.056min (-0.006) 8.79 ng/ul

response 637260

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.42
277.00	22.50	23.55
0.00	0.00	0.00

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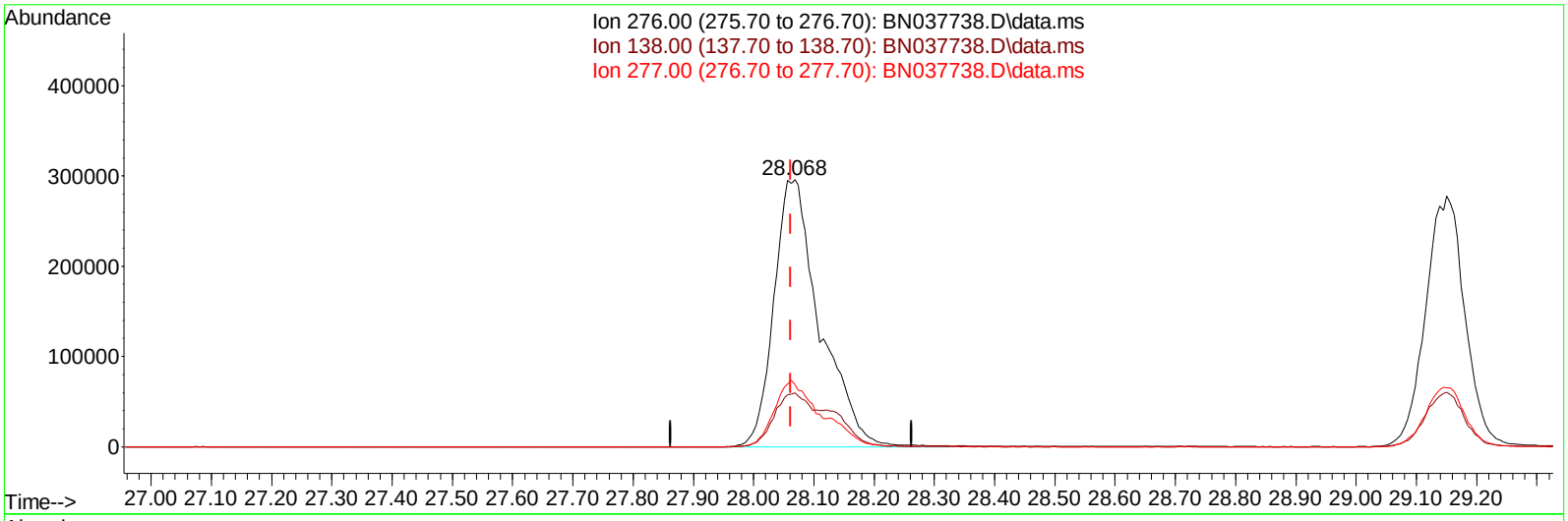

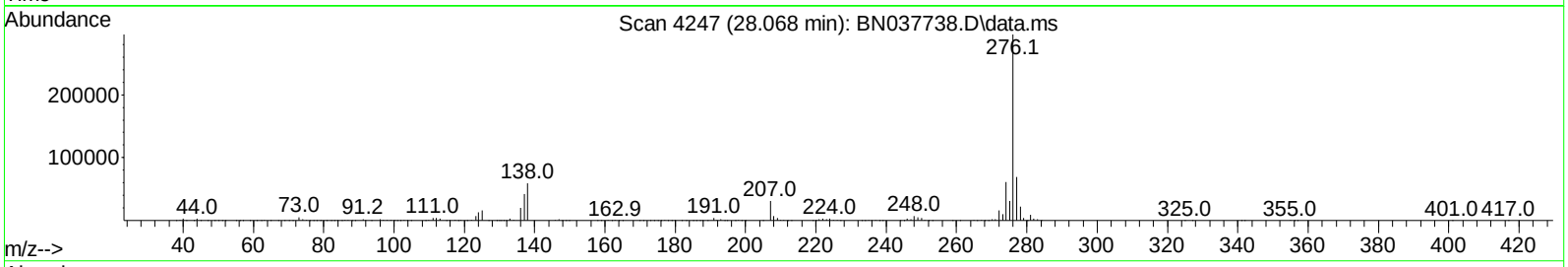

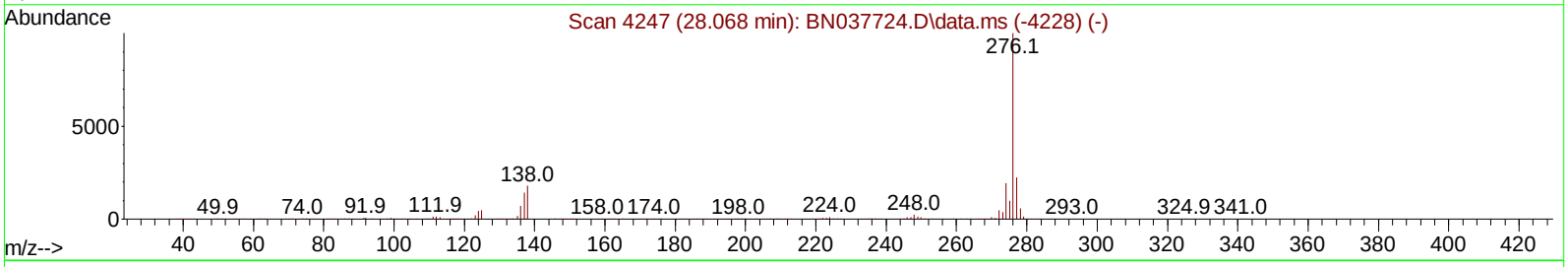

TIC: BN037738.D\data.ms

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

28.068min (+ 0.006) 21.66 ng/ul m

response 1570488

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	20.11
277.00	22.50	23.34
0.00	0.00	0.00

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Misc :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	224919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	868504	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	489020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	873060	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	912867	20.000	ng/ul	0.00
88) Perylene-d12	24.574	264	979123	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	45540	8.576	ng/uL	0.00
4) Pyridine-d5	3.669	84	308406	20.886	ng/ul	0.00
7) Phenol-d5	6.987	99	353519	21.067	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	216899	20.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	300291	21.684	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	274760	20.800	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	139092	21.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	119731	22.343	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	261621	21.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	384357	20.707	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	698497	21.392	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	867592	21.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	125479	20.506	ng/ul	0.00
60) Fluorene-d10	15.486	176	620203	21.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	68630	17.436	ng/ul	0.00
73) Anthracene-d10	17.339	188	913974	21.056	ng/ul	0.00
81) Pyrene-d10	19.627	212	972693	20.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.363	264	1071631	21.678	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	47948	8.482	ng/uL	98
5) Pyridine	3.693	79	325780	21.352	ng/ul	92
6) Benzaldehyde	6.963	77	204286	25.985	ng/ul	95
8) Phenol	7.010	94	366231	20.971	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.252	93	293160	21.054	ng/ul	97
12) 2-Chlorophenol	7.393	128	308981	21.334	ng/ul	95
13) 2-Methylphenol	8.269	108	264649	20.554	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	379771	19.800	ng/ul	98
16) Acetophenone	8.652	105	443497	21.076	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	201109	20.971	ng/ul	99
18) 4-Methylphenol	8.599	108	287012	20.662	ng/ul	100
19) Hexachloroethane	8.922	117	130736	21.201	ng/ul	95
22) Nitrobenzene	9.034	77	310105	20.691	ng/ul	98
23) Isophorone	9.563	82	541092	20.807	ng/ul	99
25) 2-Nitrophenol	9.746	139	142864	22.602	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	298895	20.725	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.051	93	358650	20.692	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	267709	21.439	ng/ul	98
30) Naphthalene	10.693	128	973557	20.987	ng/ul	99
32) 4-Chloroaniline	10.793	127	380660	20.509	ng/ul	98
33) Hexachlorobutadiene	10.993	225	182073	20.911	ng/ul	98
34) Caprolactam	11.551	113	70952	19.180	ng/ul	99
35) 4-Chloro-3-methylphenol	11.922	107	253156	21.527	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	647851	21.238	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	637224	21.124	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.681	216	319087	20.919	ng/ul	96
40) Hexachlorocyclopentadiene	12.669	237	191441	19.578	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	182047	22.061	ng/ul	94
42) 2,4,5-Trichlorophenol	12.987	196	199162	20.801	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	792846	21.053	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	621820	20.974	ng/ul	98
45) 2-Nitroaniline	13.557	65	141908	21.017	ng/ul	99
47) Dimethylphthalate	13.945	163	694433	21.269	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	124101	21.259	ng/ul	96
50) Acenaphthylene	14.216	152	1002061	21.163	ng/ul	99
51) 3-Nitroaniline	14.387	138	138155	22.082	ng/ul	94
52) Acenaphthene	14.557	153	648568	21.050	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	41440	16.796	ng/ul	96
55) 4-Nitrophenol	14.687	109	97283	20.876	ng/ul	95
56) Dibenzofuran	14.892	168	889135	21.151	ng/ul	97
57) 2,4-Dinitrotoluene	14.845	165	182420	21.825	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	156349	23.348	ng/ul	99
59) Diethylphthalate	15.322	149	660471	21.290	ng/ul	100
61) Fluorene	15.545	166	718197	21.081	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	342853	20.916	ng/ul	97
63) 4-Nitroaniline	15.545	138	139980	23.781	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	75832	17.247	ng/ul#	95
67) N-Nitrosodiphenylamine	15.751	169	586665	20.950	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	208343	21.219	ng/ul	92
69) Hexachlorobenzene	16.551	284	258784	21.534	ng/ul	96
70) Atrazine	16.704	200	185814	19.747	ng/ul	98
71) Pentachlorophenol	16.886	266	132256	20.048	ng/ul	96
72) Phenanthrene	17.281	178	1055940	20.872	ng/ul	99
74) Anthracene	17.375	178	1078631	21.027	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	320862	20.657	ng/uL	95
76) Pentachlorobenzene	14.816	250	311819	20.957	ng/uL	100
77) Carbazole	17.639	167	962333	21.176	ng/ul	100
78) Di-n-butylphthalate	18.216	149	1001202	21.711	ng/ul	100
80) Fluoranthene	19.298	202	1144806	20.559	ng/ul	98
82) Pyrene	19.657	202	1215807	20.529	ng/ul	98
83) Butylbenzylphthalate	20.563	149	373376	22.330	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	357061	20.252	ng/ul	99
85) Benzo(a)anthracene	21.469	228	1220737	20.851	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	623811	24.749	ng/ul	100
87) Chrysene	21.533	228	1152200	20.582	ng/ul	97
89) Di-n-octyl phthalate	22.586	149	864157	18.739	ng/ul	100
90) Benzo(b)fluoranthene	23.598	252	1228586	21.255	ng/ul	97
91) Benzo(k)fluoranthene	23.663	252	1234034	21.158	ng/ul	98
93) Benzo(a)pyrene	24.433	252	1195918	21.585	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.068	276	1570488m	21.663	ng/ul	
95) Dibenzo(a,h)anthracene	28.133	278	1299323	21.684	ng/ul	97
96) Benzo(g,h,i)perylene	29.150	276	1264566	21.288	ng/ul	99

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

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