Quantitation Report (Qedit)

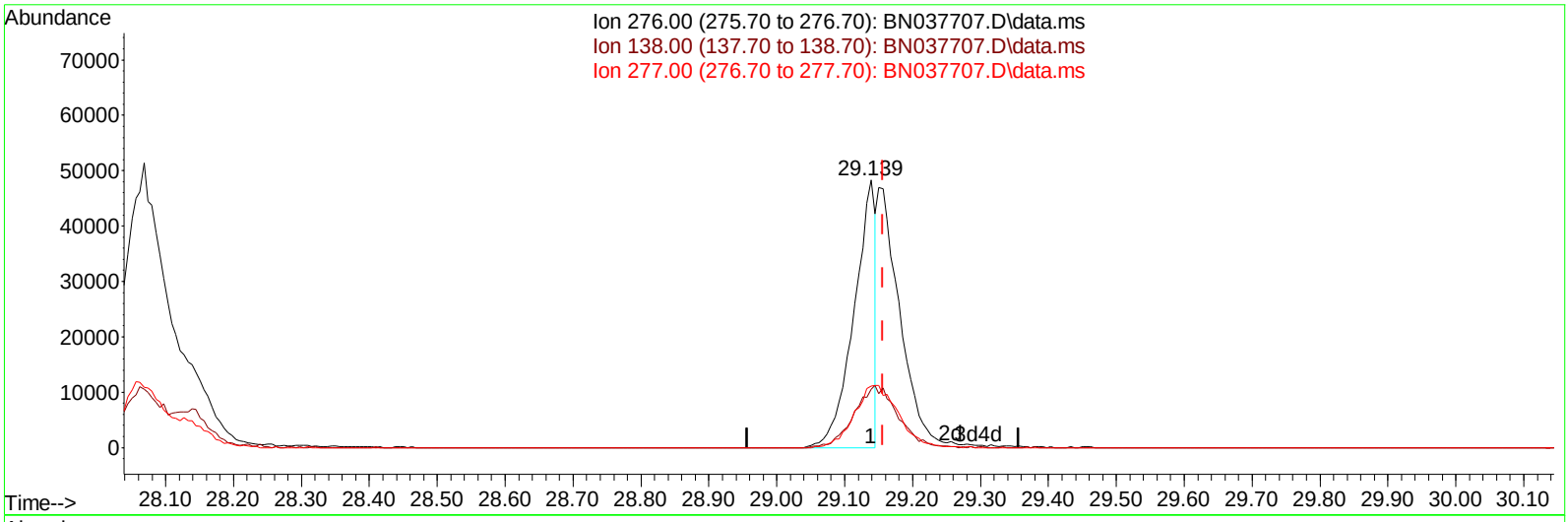
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091225\
Data File : BN037707.D
Acq On : 12 Sep 2025 11:28
Operator : RC/JU
Sample : SSTD00541
Misc :
ALS Vial : 2 Sample Multiplier: 1

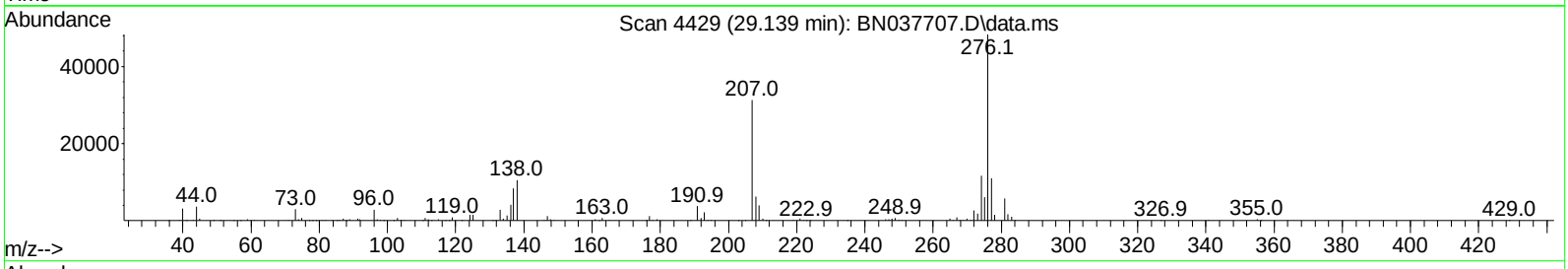
Quant Time: Sep 12 15:21:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:23:21 2025
Response via : Initial Calibration

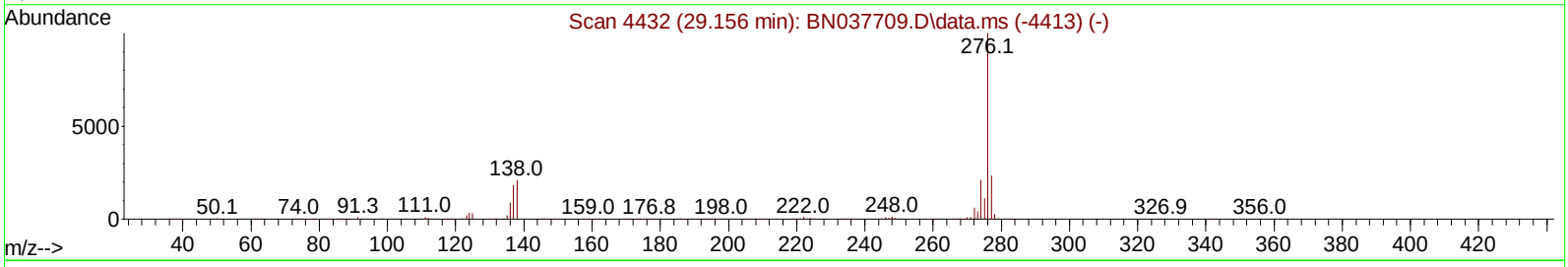
Instrument :
BNA_N
ClientSampleId :
SSTD005238

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025







TIC: BN037707.D\data.ms

(96) Benzo(g,h,i)perylene

29.139min (-0.018) 2.15 ng/ul

response 105764

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	21.94
277.00	23.50	23.03
0.00	0.00	0.00

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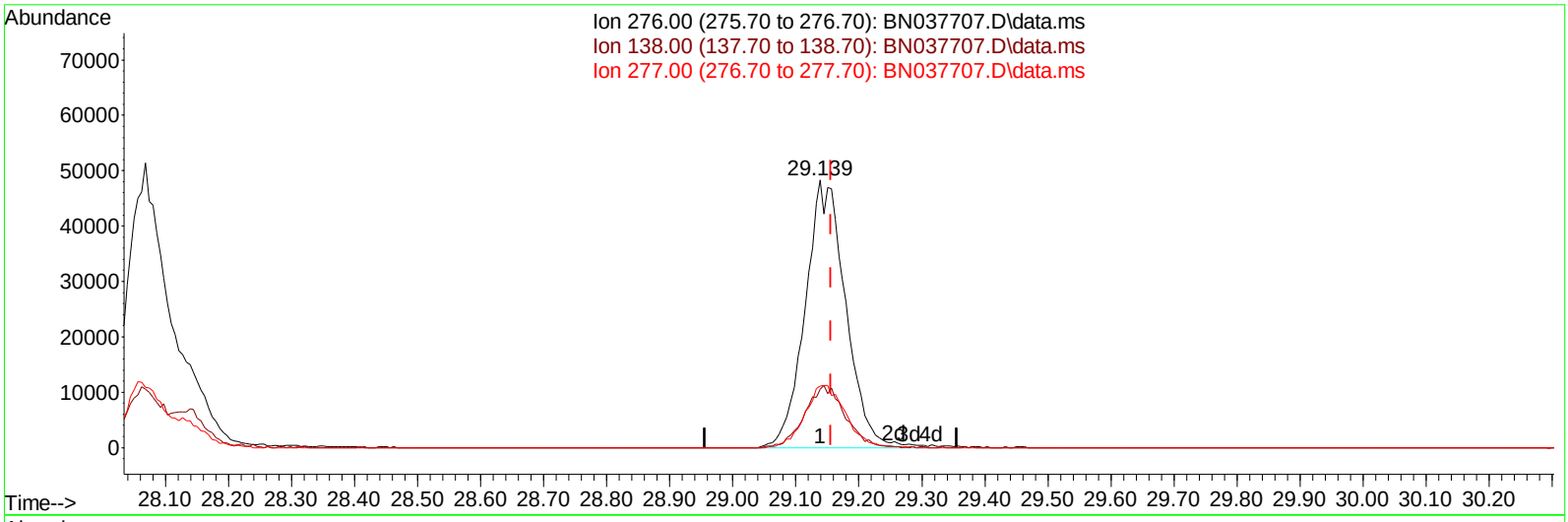

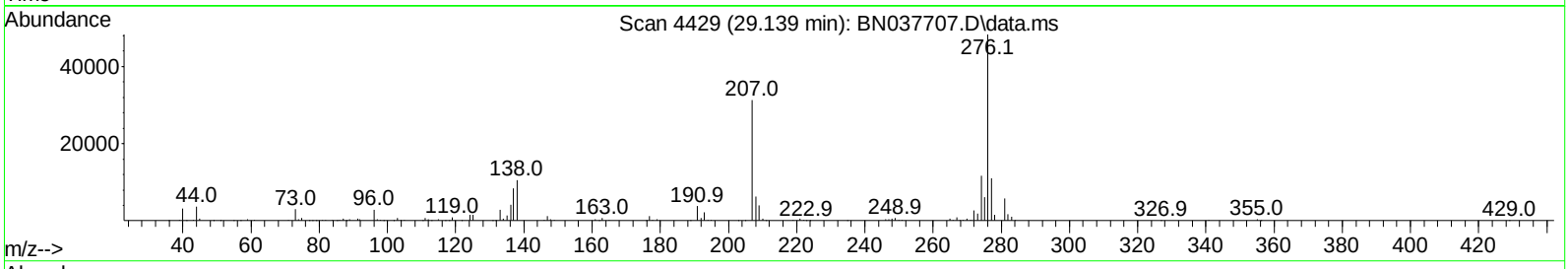

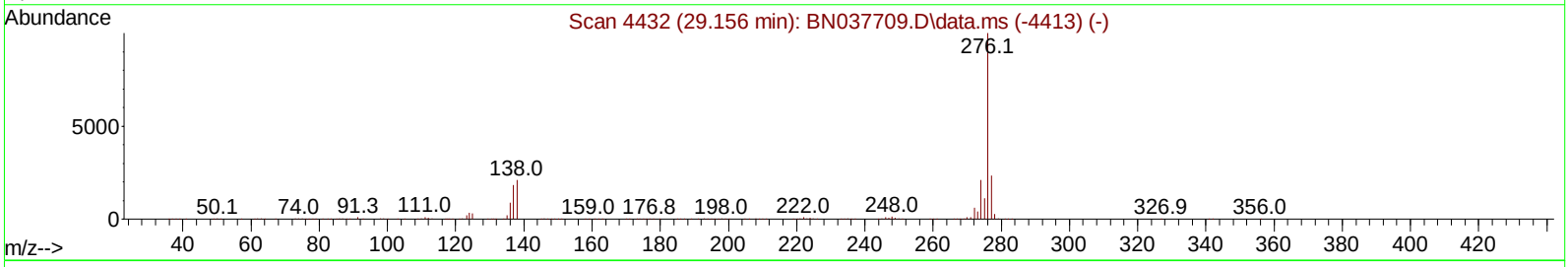

TIC: BN037707.D\data.ms

(96) Benzo(g,h,i)perylene

29.139min (-0.018) 4.36 ng/ul m

response 214851

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	21.94
277.00	23.50	23.03
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	7.834	152	178559	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	674794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	377475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	698055	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	747979	20.000	ng/ul	0.00
88) Perylene-d12	24.580	264	837063	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	7988	2.065	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	7.363	132	45283	3.975	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.993	128	20713	4.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	13307	2.841	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	37567	3.823	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.904	166	111648	4.173	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	134642	4.219	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.486	176	102438	4.409	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.339	188	151483	4.364	ng/ul	0.00
81) Pyrene-d10	19.627	212	158969	3.929	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.368	264	165923	3.893	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	8411	1.974	ng/uL#	96
12) 2-Chlorophenol	7.393	128	49516	4.238	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.640	70	32762	4.117	ng/ul	97
19) Hexachloroethane	8.928	117	22496	4.544	ng/ul	95
22) Nitrobenzene	9.034	77	51051	4.338	ng/ul	98
23) Isophorone	9.563	82	82222	3.861	ng/ul	97
25) 2-Nitrophenol	9.752	139	16589	3.093	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	49676	4.360	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.052	93	59729	4.309	ng/ul	97
29) 2,4-Dichlorophenol	10.281	162	40602	4.090	ng/ul	97
30) Naphthalene	10.693	128	167954	4.616	ng/ul	99
33) Hexachlorobutadiene	10.993	225	30780	4.472	ng/ul	99
35) 4-Chloro-3-methylphenol	11.922	107	35449	3.548	ng/ul	97
36) 2-Methylnaphthalene	12.310	142	102981	4.174	ng/ul	92
37) 1-Methylnaphthalene	12.534	142	104651	4.332	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	54611	4.728	ng/ul	95
41) 2,4,6-Trichlorophenol	12.922	196	22404	3.326	ng/ul	97
42) 2,4,5-Trichlorophenol	12.987	196	29335	3.822	ng/ul	96
43) 1,1'-Biphenyl	13.328	154	132857	4.585	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	106251	4.720	ng/ul	100
45) 2-Nitroaniline	13.557	65	20023	3.769	ng/ul	91
47) Dimethylphthalate	13.945	163	112680	4.265	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	15708	3.152	ng/ul#	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.216	152	161717	4.427	ng/ul	98
52) Acenaphthene	14.557	153	110537	4.667	ng/ul	97
56) Dibenzofuran	14.892	168	151927	4.667	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	22610	3.136	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.116	232	17432	2.982	ng/ul	98
59) Diethylphthalate	15.322	149	104429	3.974	ng/ul	98
61) Fluorene	15.545	166	124425	4.689	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.539	204	57154	4.404	ng/ul	94
67) N-Nitrosodiphenylamine	15.751	169	97481	4.393	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	31697	4.014	ng/ul#	90
69) Hexachlorobenzene	16.551	284	42888	4.574	ng/ul	98
72) Phenanthrene	17.281	178	186323	4.647	ng/ul	99
74) Anthracene	17.375	178	184815	4.541	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	54075	4.602	ng/uL	95
76) Pentachlorobenzene	14.816	250	53847	4.746	ng/uL	96
78) Di-n-butylphthalate	18.222	149	136307	3.235	ng/ul#	98
80) Fluoranthene	19.298	202	188035	3.932	ng/ul	100
82) Pyrene	19.657	202	208496	4.171	ng/ul	98
83) Butylbenzylphthalate	20.569	149	41040	2.436	ng/ul	92
85) Benzo(a)anthracene	21.474	228	207052	4.167	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	62988	2.291	ng/ul	97
87) Chrysene	21.539	228	207757	4.419	ng/ul	97
90) Benzo(b)fluoranthene	23.604	252	198446	3.991	ng/ul	97
91) Benzo(k)fluoranthene	23.668	252	211726	4.117	ng/ul	97
93) Benzo(a)pyrene	24.433	252	192236	4.048	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.068	276	253004	4.135	ng/ul	97
95) Dibenzo(a,h)anthracene	28.139	278	208436	4.107	ng/ul	95
96) Benzo(g,h,i)perylene	29.139	276	214851m	4.358	ng/ul	

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

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