Quantitation Report (Qedit)

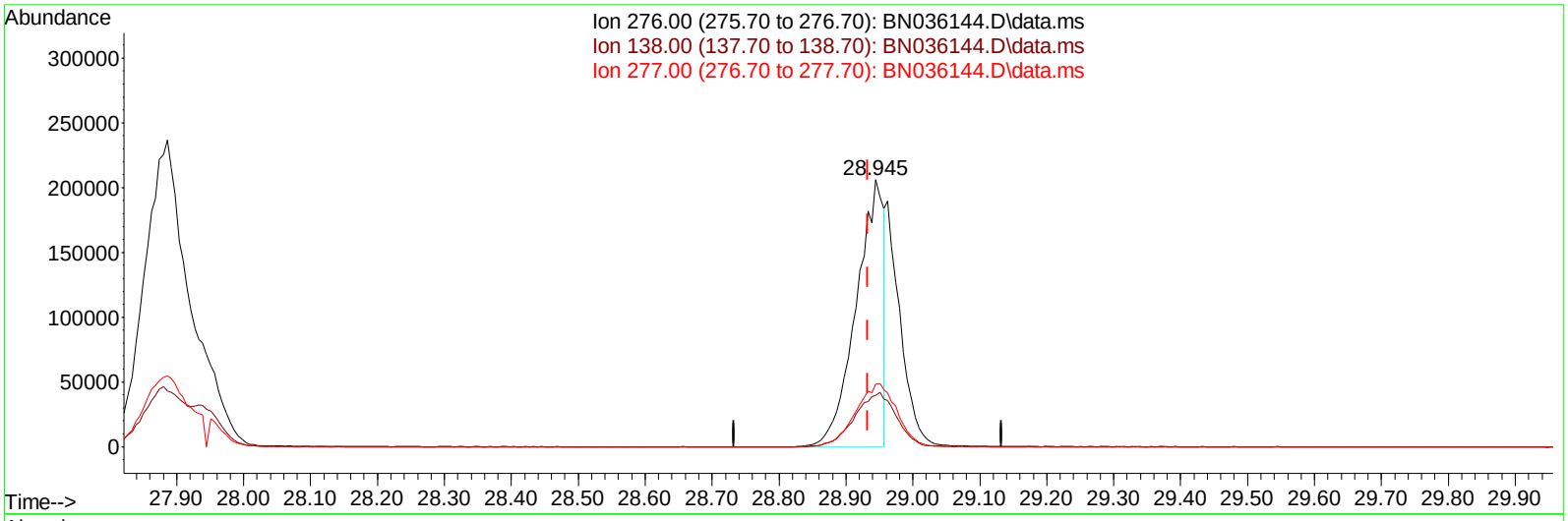
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036144.D
Acq On : 30 Jan 2025 22:18
Operator : RC/JU
Sample : Q1162-03MS 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

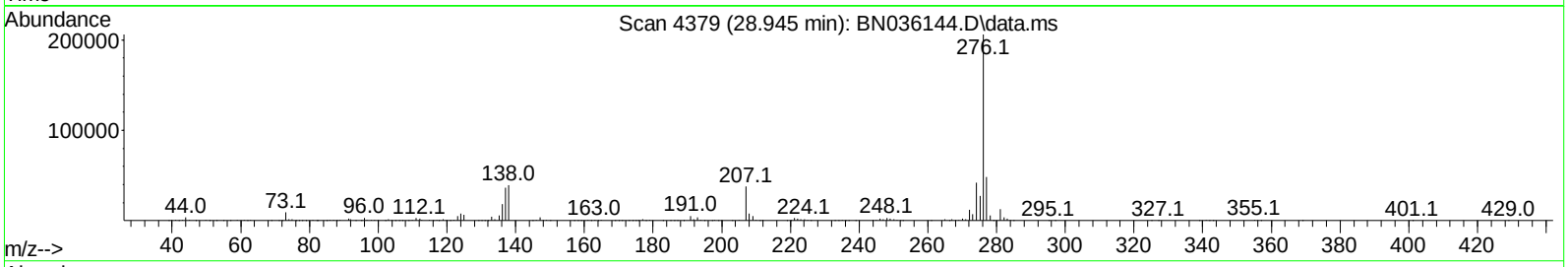
Quant Time: Jan 31 07:34:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 17:36:07 2025
Response via : Initial Calibration

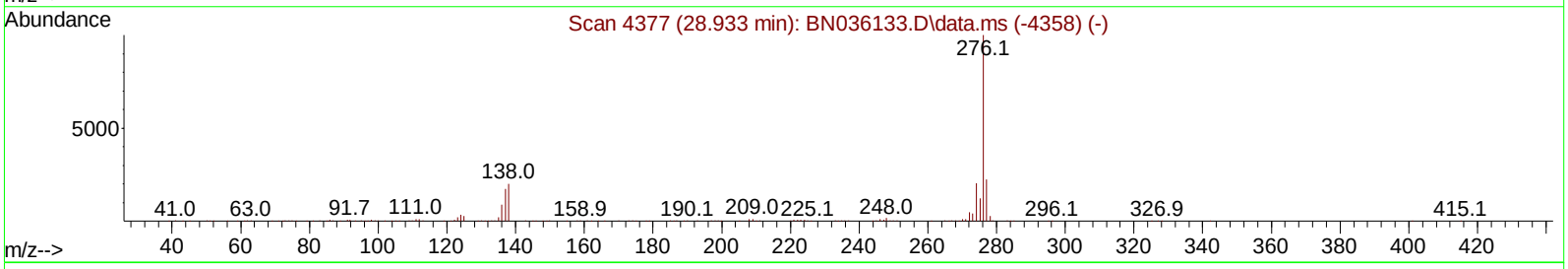
Instrument :
BNA_N
ClientSampleId :
E2947MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BN036144.D\data.ms

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

28.945min (+ 0.012) 23.02 ng/ul

response 586770

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.00	19.21
277.00	22.40	23.48
0.00	0.00	0.00

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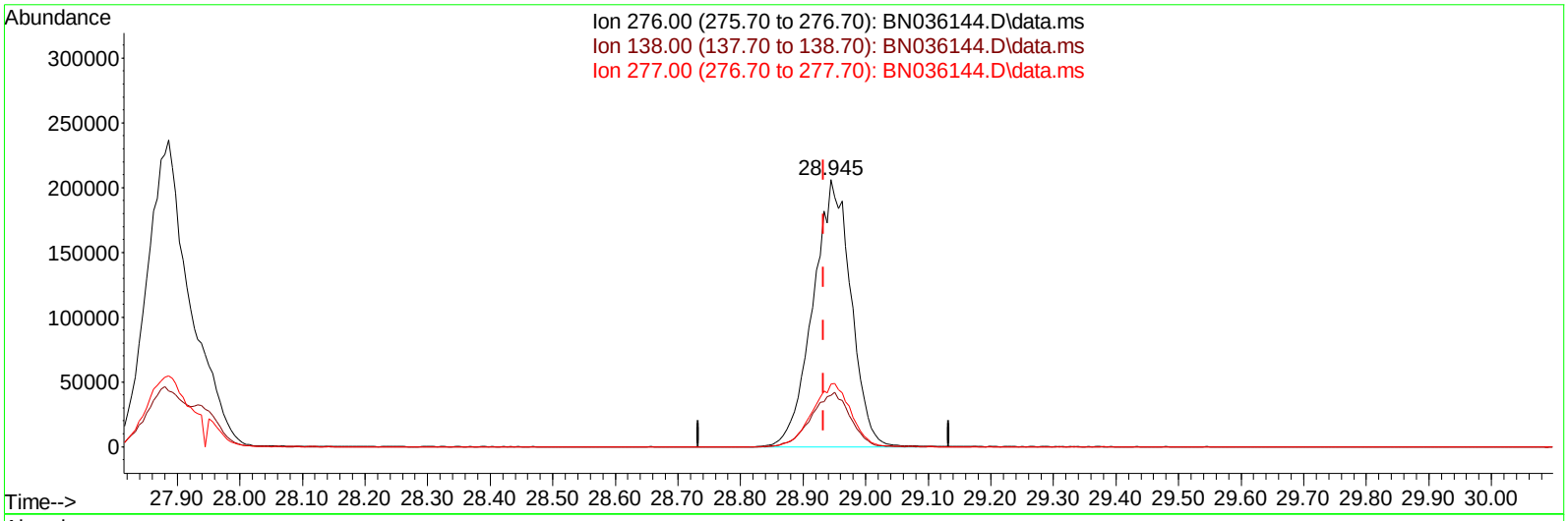

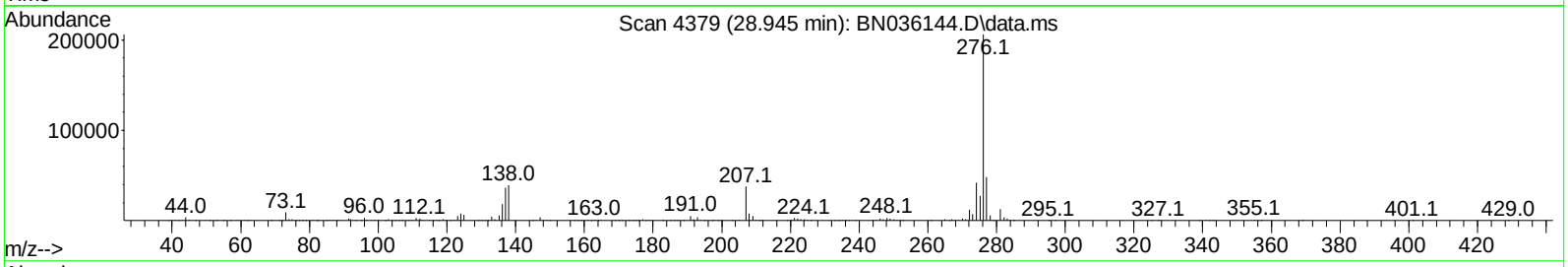

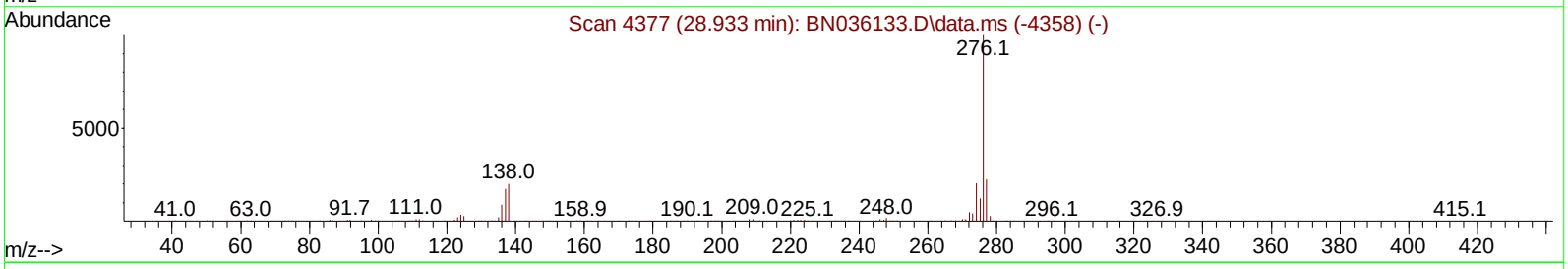

TIC: BN036144.D\data.ms

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

28.945min (+ 0.012) 34.18 ng/ul m

response 871199

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.00	19.21
277.00	22.40	23.48
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	7.793	152	92840	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	388790	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	274582	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	561321	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	583809	20.000	ng/ul	0.00
88) Perylene-d12	24.463	264	532556	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	10525	4.619	ng/uL	0.00
4) Pyridine-d5	3.675	84	67720	10.435	ng/ul	0.00
7) Phenol-d5	6.993	99	72462	9.419	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	154139	31.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	171942	28.547	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	131012	21.198	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	95502	30.597	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	112394	31.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	202959	31.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	231087	27.508	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	732271	35.363	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	746606	32.381	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	39726	11.116	ng/ul	0.00
60) Fluorene-d10	15.434	176	604700	34.887	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	135634	36.509	ng/ul	0.00
73) Anthracene-d10	17.281	188	939638	34.460	ng/ul	0.00
81) Pyrene-d10	19.581	212	1152575	33.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	969900	34.636	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	13486	5.542	ng/uL#	1
5) Pyridine	3.693	79	71303	10.818	ng/ul	99
6) Benzaldehyde	6.934	77	102060	22.218	ng/ul	98
8) Phenol	7.016	94	80273	10.107	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.216	93	194954	31.234	ng/ul	99
12) 2-Chlorophenol	7.369	128	178704	29.107	ng/ul	98
13) 2-Methylphenol	8.258	108	142734	24.337	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	296799	31.152	ng/ul	99
16) Acetophenone	8.616	105	331167	32.864	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.605	70	175531	33.084	ng/ul	97
18) 4-Methylphenol	8.587	108	141474	22.109	ng/ul	93
19) Hexachloroethane	8.875	117	57158	20.152	ng/ul	96
22) Nitrobenzene	8.993	77	268086	31.163	ng/ul	97
23) Isophorone	9.522	82	496882	32.589	ng/ul	99
25) 2-Nitrophenol	9.705	139	119583	31.557	ng/ul	98
26) 2,4-Dimethylphenol	9.781	107	209935	27.192	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.999	93	282731	31.593	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	203115	31.528	ng/ul	99
30) Naphthalene	10.640	128	572650	27.377	ng/ul	100
32) 4-Chloroaniline	10.746	127	131583	16.227	ng/ul	100
33) Hexachlorobutadiene	10.928	225	109482	23.282	ng/ul	97
34) Caprolactam	11.534	113	10837	5.198	ng/ul	87
35) 4-Chloro-3-methylphenol	11.899	107	240472	32.492	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	447350	30.511	ng/ul	98
37) 1-Methylnaphthalene	12.475	142	449280	31.191	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	265148	30.221	ng/ul	94
40) Hexachlorocyclopentadiene	12.610	237	98550	20.124	ng/ul	94
41) 2,4,6-Trichlorophenol	12.869	196	180466	31.900	ng/ul	96
42) 2,4,5-Trichlorophenol	12.963	196	207675	33.923	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	644643	31.629	ng/ul	97
44) 2-Chloronaphthalene	13.310	162	517846	32.317	ng/ul	94
45) 2-Nitroaniline	13.516	65	200579	36.711	ng/ul	99
47) Dimethylphthalate	13.898	163	753528	36.338	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	152330	37.247	ng/ul	95
50) Acenaphthylene	14.157	152	804481	33.157	ng/ul	98
51) 3-Nitroaniline	14.340	138	141294	34.480	ng/ul	99
52) Acenaphthene	14.504	153	562863	32.226	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	90551	35.237	ng/ul	95
55) 4-Nitrophenol	14.698	109	43557	11.432	ng/ul	94
56) Dibenzofuran	14.840	168	822094	33.999	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	230417	37.652	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	185658	36.329	ng/ul	98
59) Diethylphthalate	15.263	149	782762	36.593	ng/ul	98
61) Fluorene	15.487	166	691613	35.271	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.481	204	352323	34.751	ng/ul	95
63) 4-Nitroaniline	15.510	138	165363	41.245	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.563	198	149553	37.909	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	608756	35.732	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	216196	35.949	ng/ul	90
69) Hexachlorobenzene	16.492	284	250339	38.157	ng/ul	97
70) Atrazine	16.651	200	228549	34.036	ng/ul	96
71) Pentachlorophenol	16.839	266	157785	35.232	ng/ul	92
72) Phenanthrene	17.228	178	1070140	34.003	ng/ul	98
74) Anthracene	17.316	178	1078086	34.042	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	265943	30.443	ng/uL	98
76) Pentachlorobenzene	14.757	250	291644	34.171	ng/uL	98
77) Carbazole	17.586	167	1017592	36.629	ng/ul	98
78) Di-n-butylphthalate	18.157	149	1338537	36.172	ng/ul	100
80) Fluoranthene	19.245	202	1300348	32.016	ng/ul	98
82) Pyrene	19.604	202	1436502	33.363	ng/ul	99
83) Butylbenzylphthalate	20.510	149	656371	35.450	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	357722	34.695	ng/ul	100
85) Benzo(a)anthracene	21.416	228	1423888	35.474	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.339	149	939702	35.326	ng/ul	99
87) Chrysene	21.475	228	1325545	34.831	ng/ul	96
89) Di-n-octyl phthalate	22.486	149	1585118	36.220	ng/ul	100
90) Benzo(b)fluoranthene	23.510	252	1227055	34.846	ng/ul	98
91) Benzo(k)fluoranthene	23.569	252	1217501	34.723	ng/ul	98
93) Benzo(a)pyrene	24.321	252	1073154	34.869	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.886	276	1140215	34.049	ng/ul	98
95) Dibenzo(a,h)anthracene	27.939	278	916102	34.301	ng/ul	97
96) Benzo(g,h,i)perylene	28.945	276	871199m	34.182	ng/ul	

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

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