Quantitation Report (Qedit)

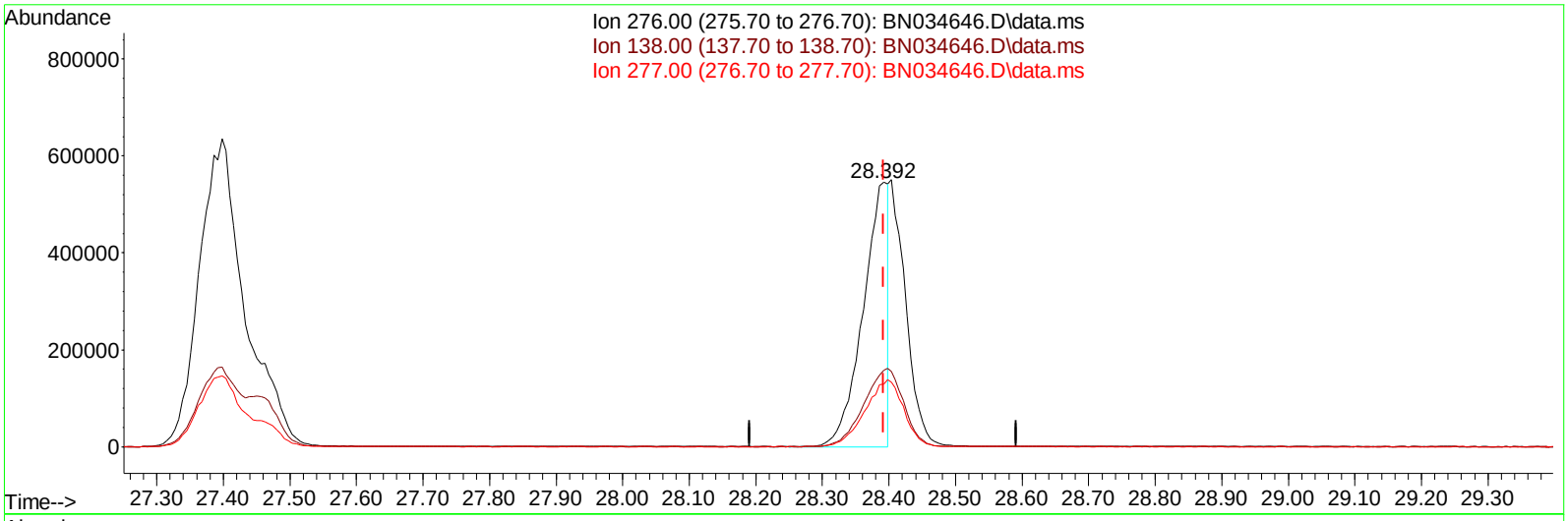
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034646.D
Acq On : 18 Oct 2024 11:44
Operator : RC/JU
Sample : P4380-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

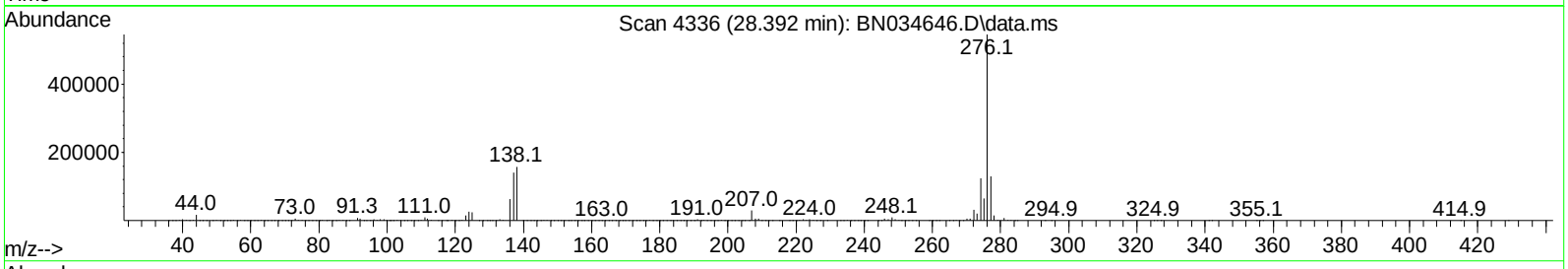
Quant Time: Oct 18 22:54:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

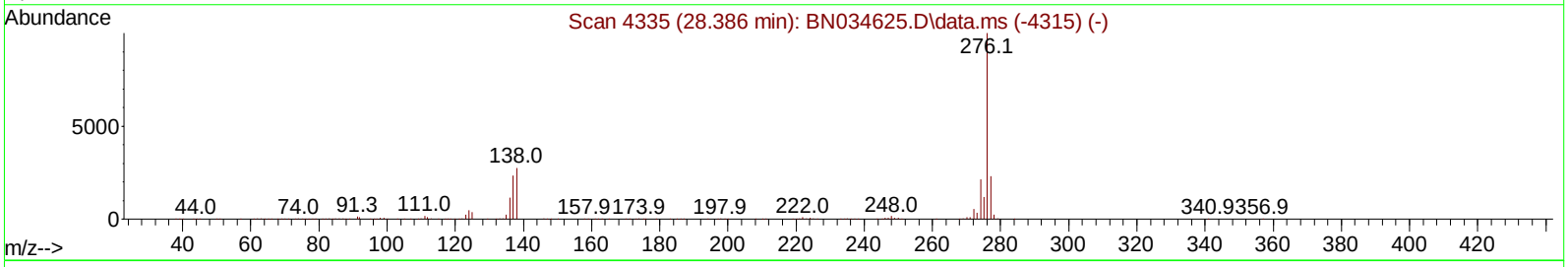
Instrument :
BNA_N
ClientSampleId :
E27H4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024







TIC: BN034646.D\data.ms

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

28.392min (+ 0.000) 24.12 ng/ul

response 1425932

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	28.97
277.00	22.90	23.69
0.00	0.00	0.00

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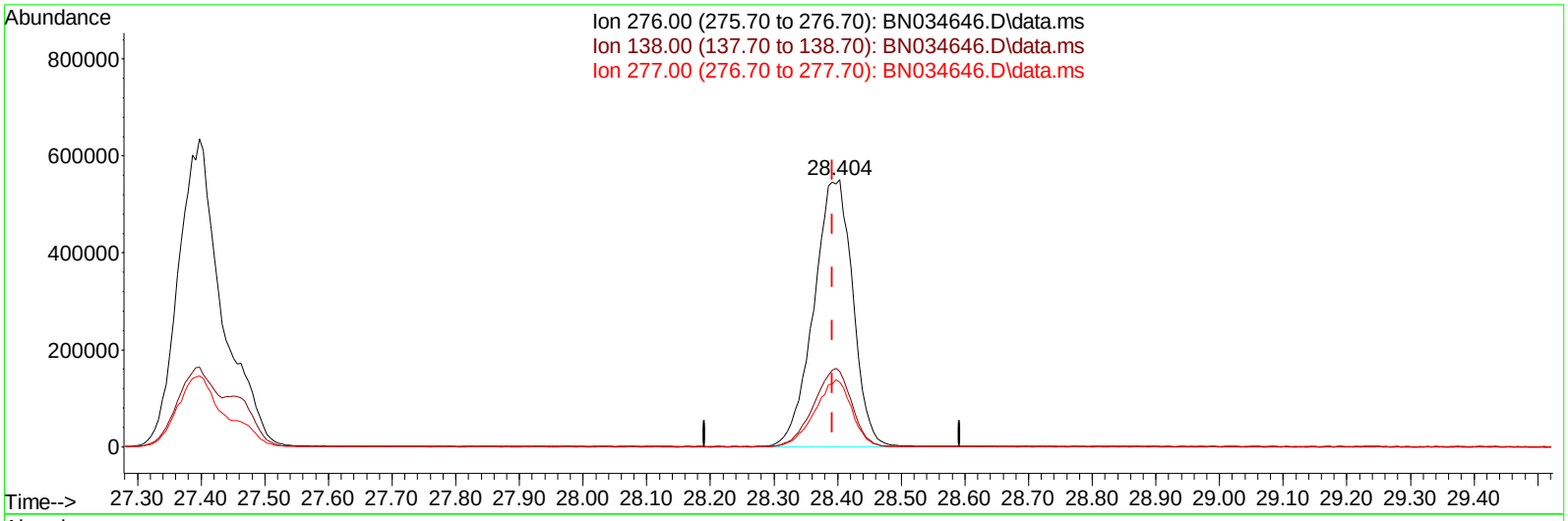

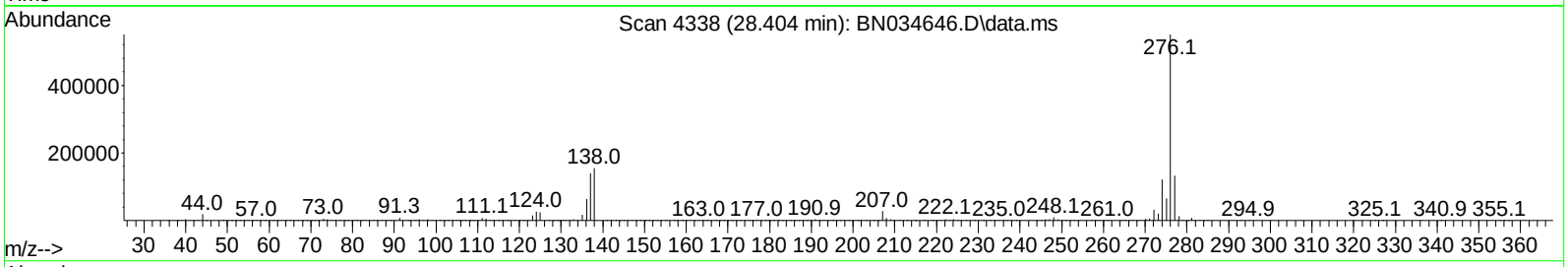

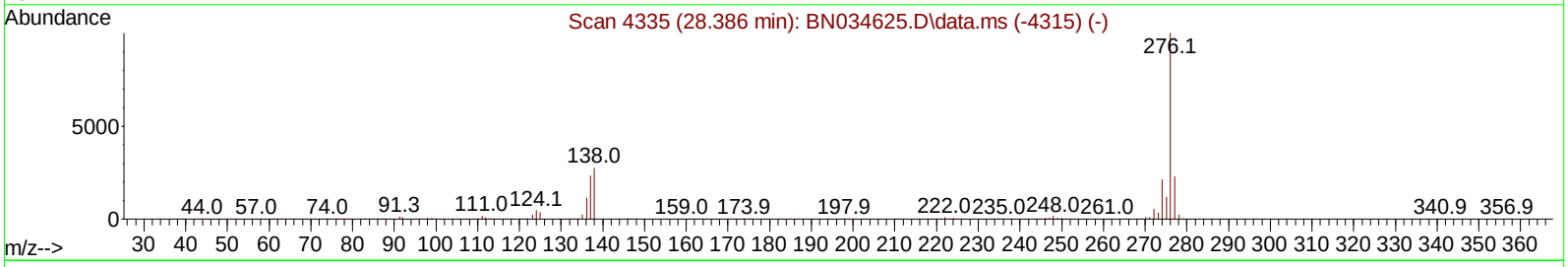

TIC: BN034646.D\data.ms

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

28.404min (+ 0.012) 39.69 ng/ul m

response 2346662

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	28.31
277.00	22.90	24.15
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	7.664	152	371781	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1526987	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	832752	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.040	188	1352399	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	962221	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1173599	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	36802	3.961	ng/uL	0.00
4) Pyridine-d5	3.605	84	153753	5.668	ng/ul	0.00
7) Phenol-d5	6.834	99	274687	9.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	603617	32.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	736167	31.234	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	492582	20.715	ng/ul	0.00
21) Nitrobenzene-d5	8.811	128	385943	36.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	388945	46.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	698097	36.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	459297	13.833	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1789482	33.967	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	2233391	34.130	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	94009	9.579	ng/ul	0.00
60) Fluorene-d10	15.293	176	1496151	32.835	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	186276	41.092	ng/ul	0.00
73) Anthracene-d10	17.139	188	2034938	35.199	ng/ul	0.00
81) Pyrene-d10	19.433	212	1921427	38.891	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1988067	36.765	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	49888	4.997	ng/uL	99
5) Pyridine	3.623	79	212833	7.710	ng/ul	99
6) Benzaldehyde	6.811	77	511120	28.539	ng/ul	99
8) Phenol	6.864	94	344445	10.811	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	853423	33.971	ng/ul	98
12) 2-Chlorophenol	7.234	128	800975	32.540	ng/ul	97
13) 2-Methylphenol	8.105	108	602630	25.623	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1265268	33.434	ng/ul	99
16) Acetophenone	8.481	105	1289385	33.958	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.475	70	620655	33.565	ng/ul	96
18) 4-Methylphenol	8.434	108	581307	22.799	ng/ul	96
19) Hexachloroethane	8.740	117	350332	34.132	ng/ul	96
22) Nitrobenzene	8.852	77	958262	37.700	ng/ul	99
23) Isophorone	9.381	82	1767100	35.168	ng/ul	98
25) 2-Nitrophenol	9.558	139	451510	45.724	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	838177	34.013	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	1095272	35.338	ng/ul	98
29) 2,4-Dichlorophenol	10.093	162	724874	37.018	ng/ul	98
30) Naphthalene	10.493	128	2673419	34.831	ng/ul	98
32) 4-Chloroaniline	10.599	127	508712	16.158	ng/ul	98
33) Hexachlorobutadiene	10.787	225	408274	34.690	ng/ul	98
34) Caprolactam	11.387	113	35627	4.667	ng/ul	96
35) 4-Chloro-3-methylphenol	11.722	107	759987	34.714	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	1726778	34.167 ng/ul	100
37) 1-Methylnaphthalene	12.328	142	1722140	33.474 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	762992	37.287 ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	342359	31.496 ng/ul	92
41) 2,4,6-Trichlorophenol	12.722	196	509457	42.880 ng/ul	92
42) 2,4,5-Trichlorophenol	12.787	196	563201	42.779 ng/ul	99
43) 1,1'-Biphenyl	13.134	154	2123306	37.129 ng/ul	98
44) 2-Chloronaphthalene	13.169	162	1630103	36.470 ng/ul	99
45) 2-Nitroaniline	13.369	65	500995	42.728 ng/ul	95
47) Dimethylphthalate	13.769	163	1917185	36.231 ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	406083	44.301 ng/ul	93
50) Acenaphthylene	14.016	152	2556381	36.053 ng/ul	97
51) 3-Nitroaniline	14.198	138	343028	29.319 ng/ul#	90
52) Acenaphthene	14.363	153	1728366	35.084 ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	130731	36.559 ng/ul	94
55) 4-Nitrophenol	14.504	109	77197	10.742 ng/ul	96
56) Dibenzofuran	14.698	168	2281855	34.858 ng/ul	96
57) 2,4-Dinitrotoluene	14.663	165	542893	41.528 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.928	232	399525	42.337 ng/ul	94
59) Diethylphthalate	15.145	149	1924059	35.838 ng/ul	98
61) Fluorene	15.351	166	1787278	33.883 ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.351	204	810074	34.211 ng/ul	99
63) 4-Nitroaniline	15.363	138	376913	32.334 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.428	198	219719	41.896 ng/ul	95
67) N-Nitrosodiphenylamine	15.563	169	1547345	40.601 ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	478621	40.652 ng/ul	98
69) Hexachlorobenzene	16.351	284	524889	38.825 ng/ul	97
70) Atrazine	16.528	200	261826	20.509 ng/ul	99
71) Pentachlorophenol	16.692	266	320547	44.239 ng/ul	94
72) Phenanthrene	17.087	178	2540303	37.633 ng/ul	98
74) Anthracene	17.175	178	2549614	36.555 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	737367	43.546 ng/uL	99
76) Pentachlorobenzene	14.616	250	658470	40.634 ng/uL	99
77) Carbazole	17.439	167	2316410	35.866 ng/ul	100
78) Di-n-butylphthalate	18.039	149	2919289	38.847 ng/ul	100
80) Fluoranthene	19.098	202	2406439	40.600 ng/ul	97
82) Pyrene	19.463	202	2515165	39.836 ng/ul	100
83) Butylbenzylphthalate	20.392	149	1123795	48.012 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	140000	7.233 ng/ul	98
85) Benzo(a)anthracene	21.251	228	2321343	37.972 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	1576743	42.932 ng/ul	99
87) Chrysene	21.310	228	2127041	36.657 ng/ul	98
89) Di-n-octyl phthalate	22.333	149	2737963	40.141 ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2437464	38.651 ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	2416392	37.497 ng/ul	98
93) Benzo(a)pyrene	24.021	252	2200457	36.039 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.398	276	3037618	39.877 ng/ul	98
95) Dibenzo(a,h)anthracene	27.462	278	2470034	39.902 ng/ul	99
96) Benzo(g,h,i)perylene	28.404	276	2346662m	39.689 ng/ul	

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

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