Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030702.D
Acq On : 06 Apr 2024 10:38
Operator : MA/JU
Sample : P1893-04MSD 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 07 12:09:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E07D1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

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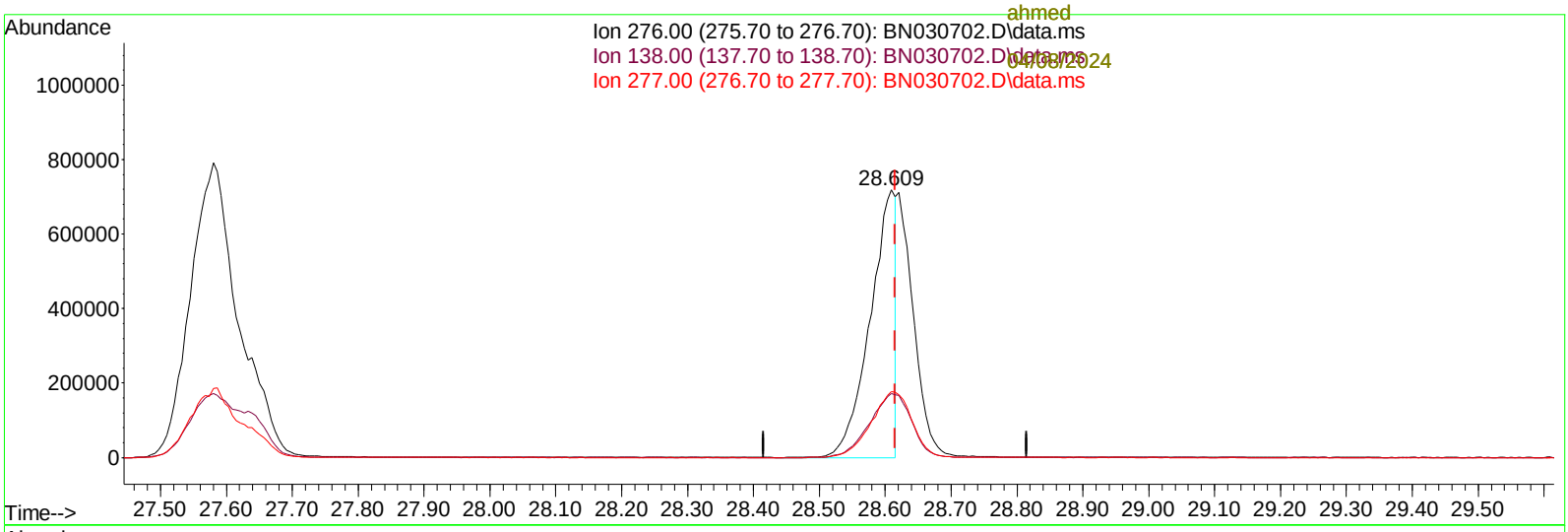

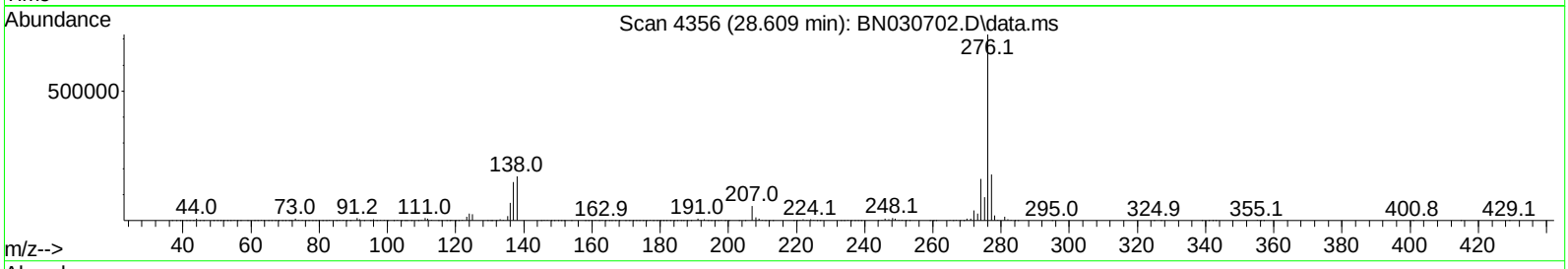

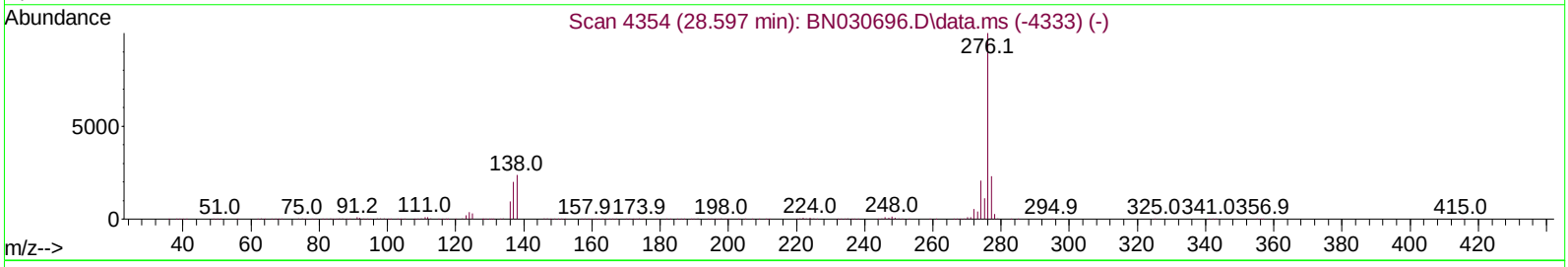

TIC: BN030702.D\data.ms

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

28.609min (-0.006) 29.52 ng/ul

response 1948596

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	23.87
277.00	25.10	24.61
0.00	0.00	0.00

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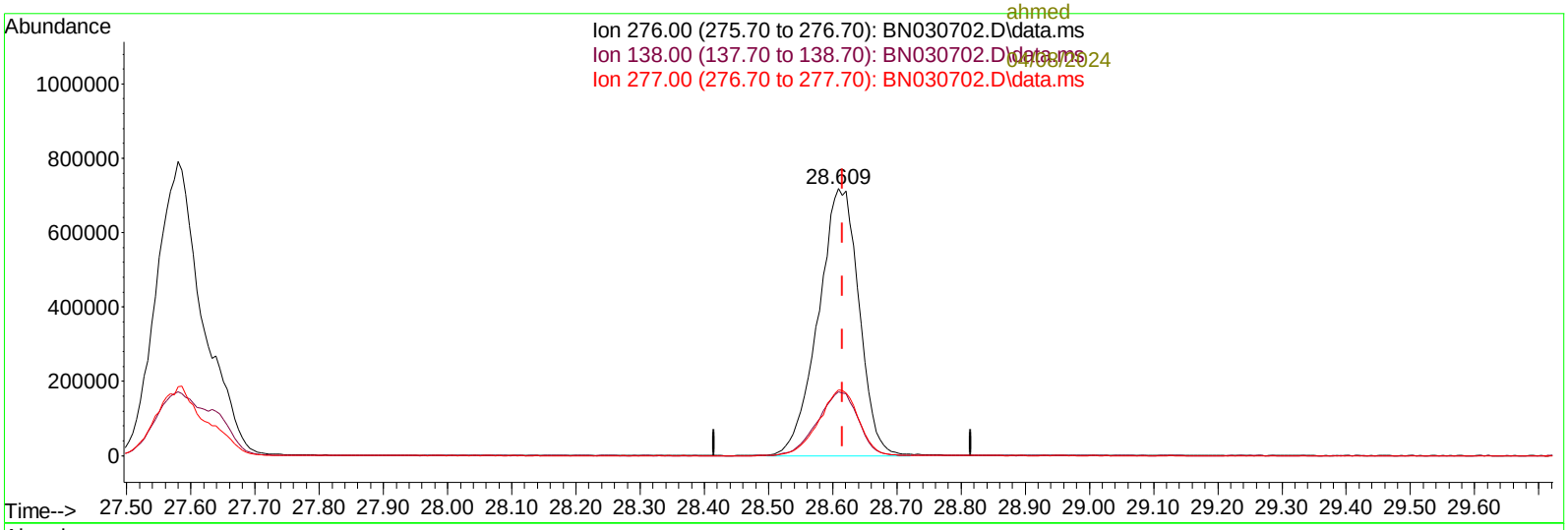

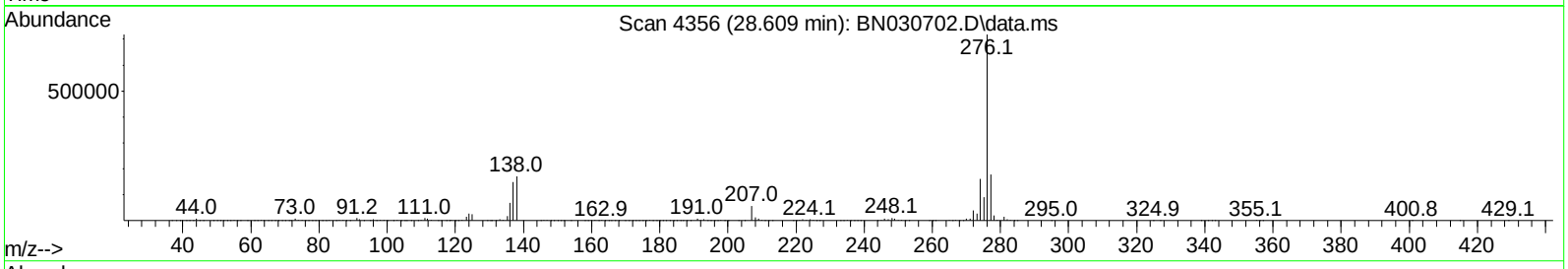

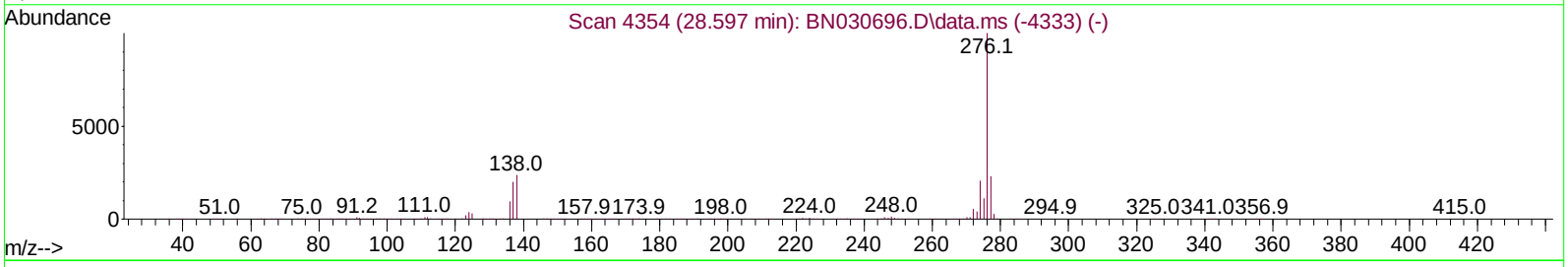

TIC: BN030702.D\data.ms

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

28.609min (-0.006) 47.92 ng/ul m

response 3163107

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	23.87
277.00	25.10	24.61
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	7.687	152	158033	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.475	136	766575	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	558886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.080	188	1216640	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1178273	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1399089	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9160	2.718	ng/uL	0.00
4) Pyridine-d5	3.599	84	136638	13.520	ng/ul	0.00
7) Phenol-d5	6.857	99	116691	9.128	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	298210	37.767	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	316600	32.646	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	224395	20.943	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	224521	42.222	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	232294	47.751	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	410846	38.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	586941	33.476	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1703581	45.655	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1798247	41.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	79352	11.118	ng/ul	0.00
60) Fluorene-d10	15.328	176	1406587	43.077	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	280353	52.206	ng/ul	0.00
73) Anthracene-d10	17.180	188	2335171	44.547	ng/ul	0.00
81) Pyrene-d10	19.480	212	2833880	44.735	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	3109987	48.242	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	20322	5.628	ng/uL#	1
5) Pyridine	3.622	79	135759	13.313	ng/ul	100
6) Benzaldehyde	6.840	77	276333	46.416	ng/ul	97
8) Phenol	6.887	94	122625	9.208	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.122	93	409986	37.751	ng/ul	99
12) 2-Chlorophenol	7.257	128	317543	30.523	ng/ul	97
13) 2-Methylphenol	8.128	108	248951	24.258	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	535228	35.000	ng/ul	98
16) Acetophenone	8.510	105	682117	40.322	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	340972	40.020	ng/ul	96
18) 4-Methylphenol	8.457	108	240278	20.914	ng/ul	99
19) Hexachloroethane	8.757	117	157266	36.056	ng/ul	99
22) Nitrobenzene	8.887	77	494205	38.071	ng/ul	99
23) Isophorone	9.410	82	1035084	39.983	ng/ul	99
25) 2-Nitrophenol	9.593	139	247273	43.250	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	347137	27.318	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.898	93	616394	37.448	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	394203	36.264	ng/ul	98
30) Naphthalene	10.522	128	1460211	37.140	ng/ul	99
32) 4-Chloroaniline	10.640	127	526899	31.182	ng/ul	100
33) Hexachlorobutadiene	10.804	225	249319	36.438	ng/ul	99
34) Caprolactam	11.422	113	30367	7.478	ng/ul	92
35) 4-Chloro-3-methylphenol	11.763	107	449620	36.723	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.140	142	1062136	38.684	ng/ul	100
37)	1-Methylnaphthalene	12.363	142	1074892	38.565	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.510	216	543800	37.703	ng/ul	97
40)	Hexachlorocyclopentadiene	12.487	237	249127	30.415	ng/ul	97
41)	2,4,6-Trichlorophenol	12.757	196	384293	42.638	ng/ul	98
42)	2,4,5-Trichlorophenol	12.822	196	422286	41.488	ng/ul	96
43)	1,1'-Biphenyl	13.163	154	1450883	38.087	ng/ul	98
44)	2-Chloronaphthalene	13.204	162	1143974	38.148	ng/ul	99
45)	2-Nitroaniline	13.416	65	371400	46.539	ng/ul	98
47)	Dimethylphthalate	13.798	163	1697584	44.041	ng/ul	99
48)	2,6-Dinitrotoluene	13.916	165	353608	49.479	ng/ul	96
50)	Acenaphthylene	14.057	152	1991822	40.181	ng/ul	99
51)	3-Nitroaniline	14.245	138	356711	47.026	ng/ul	98
52)	Acenaphthene	14.398	153	1331215	40.298	ng/ul	100
53)	2,4-Dinitrophenol	14.451	184	169866	51.750	ng/ul	95
55)	4-Nitrophenol	14.551	109	62083	10.979	ng/ul	97
56)	Dibenzofuran	14.734	168	1830167	39.856	ng/ul	98
57)	2,4-Dinitrotoluene	14.704	165	537835	51.547	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.963	232	395986	46.843	ng/ul	99
59)	Diethylphthalate	15.169	149	1766160	45.103	ng/ul	99
61)	Fluorene	15.386	166	1514168	41.485	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.381	204	732946	40.931	ng/ul	96
63)	4-Nitroaniline	15.416	138	391809	53.130	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.469	198	294394	51.019	ng/ul	95
67)	N-Nitrosodiphenylamine	15.598	169	1398858	42.219	ng/ul	99
68)	4-Bromophenyl-phenylether	16.281	248	501268	43.389	ng/ul	97
69)	Hexachlorobenzene	16.381	284	587975	43.221	ng/ul	98
70)	Atrazine	16.557	200	492044	42.845	ng/ul	100
71)	Pentachlorophenol	16.728	266	341575	42.586	ng/ul	99
72)	Phenanthrene	17.128	178	2694470	43.106	ng/ul	99
74)	Anthracene	17.216	178	2701994	42.760	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.122	216	560028	37.468	ng/uL	98
76)	Pentachlorobenzene	14.651	250	601604	39.626	ng/uL	96
77)	Carbazole	17.492	167	2597132	46.866	ng/ul	99
78)	Di-n-butylphthalate	18.057	149	3329496	49.250	ng/ul	100
80)	Fluoranthene	19.145	202	3275694	43.499	ng/ul	99
82)	Pyrene	19.510	202	3325891	41.819	ng/ul	99
83)	Butylbenzylphthalate	20.421	149	1613470	53.124	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.233	252	1015646	46.911	ng/ul	97
85)	Benzo(a)anthracene	21.304	228	3488051	44.357	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.233	149	2265762	50.586	ng/ul	99
87)	Chrysene	21.368	228	3290846	44.338	ng/ul	98
89)	Di-n-octyl phthalate	22.351	149	4319268	48.750	ng/ul	100
90)	Benzo(b)fluoranthene	23.339	252	3605628	43.790	ng/ul	96
91)	Benzo(k)fluoranthene	23.404	252	3651103	43.663	ng/ul	98
93)	Benzo(a)pyrene	24.133	252	3394654	43.644	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.580	276	4016901	47.775	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.639	278	3346017	47.272	ng/ul	94
96)	Benzo(g,h,i)perylene	28.609	276	3163107m	47.920	ng/ul	

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

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