

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061673.D
Acq On : 24 Jun 2024 13:21
Operator : MA/JU
Sample : P2776-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DK3DL

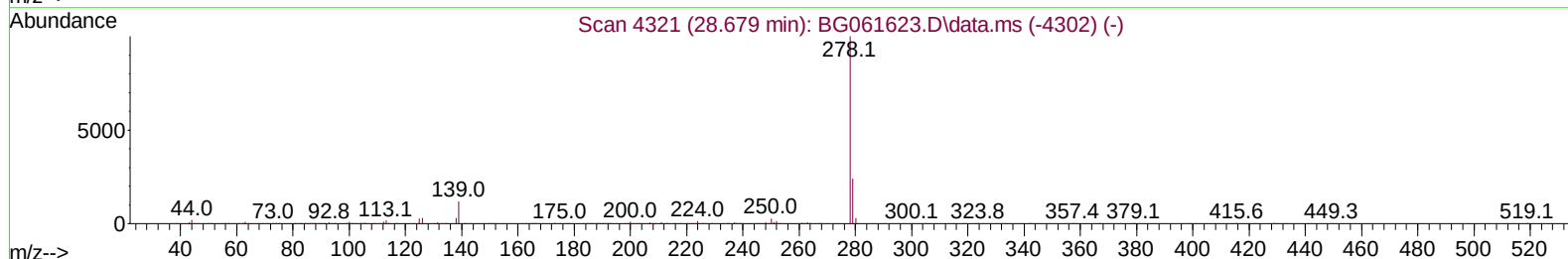
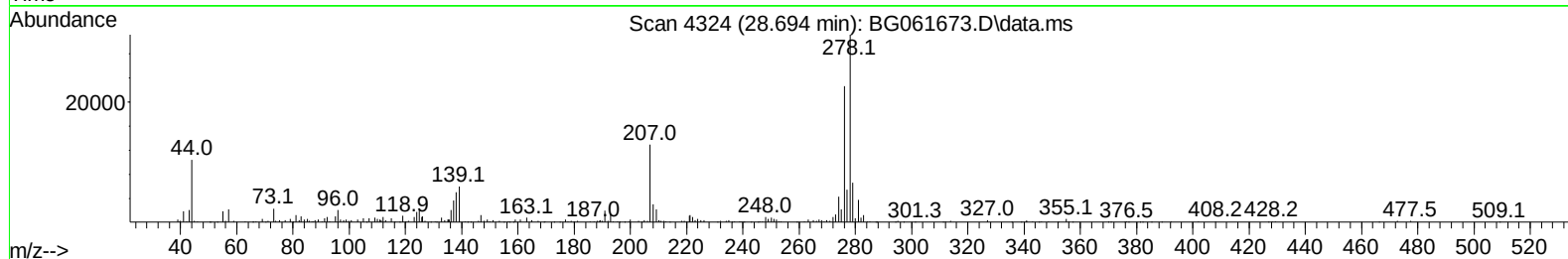
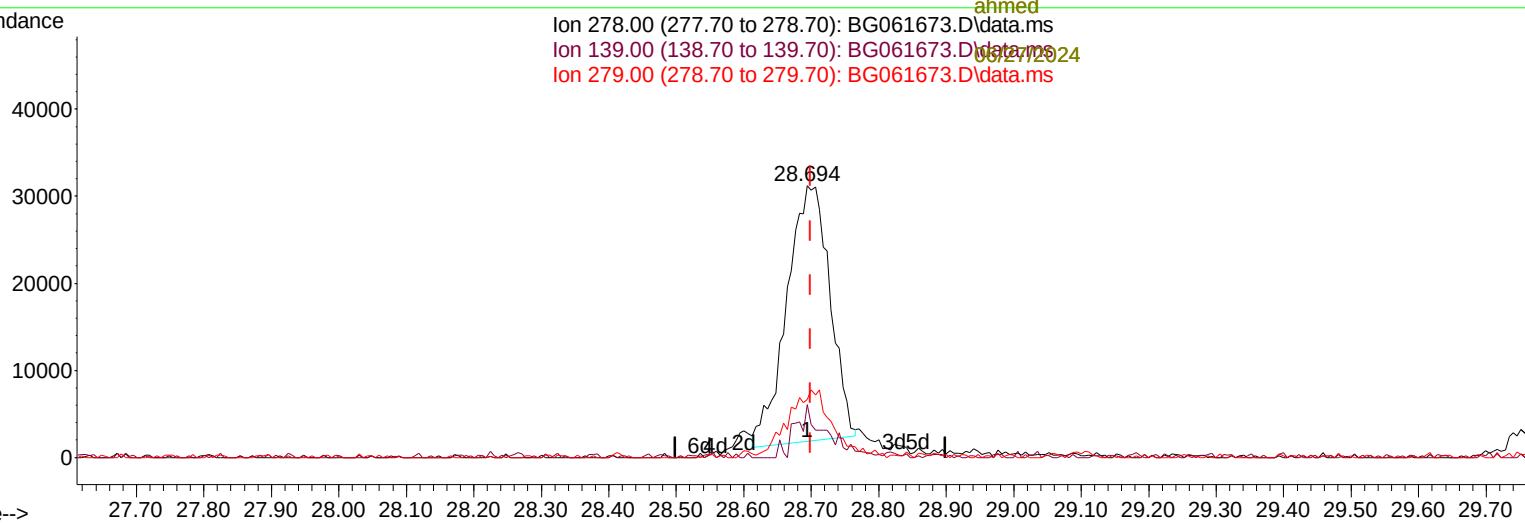
Manual IntegrationsAPPROVED

Quant Time: Jun 24 13:55:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

06/25/2024
Supervised By :mohammad
ahmed

Ion 278.00 (277.70 to 278.70): BG061673.D\data.ms
Ion 139.00 (138.70 to 139.70): BG061673.D\data.ms
Ion 279.00 (278.70 to 279.70): BG061673.D\data.ms



TIC: BG061673.D\data.ms

(95) Dibenzo(a,h)anthracene

28.694min (-0.005) 3.84 ng/uI

response 130429

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	19.41#
279.00	23.30	21.26
0.00	0.00	0.00

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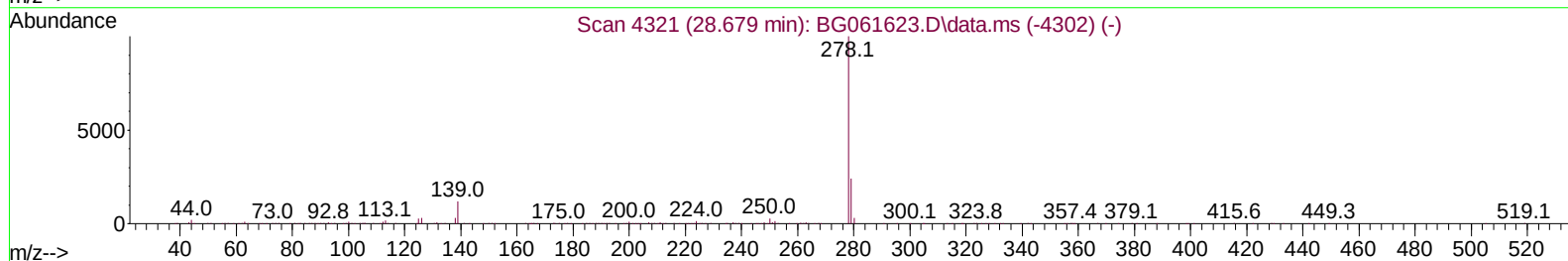
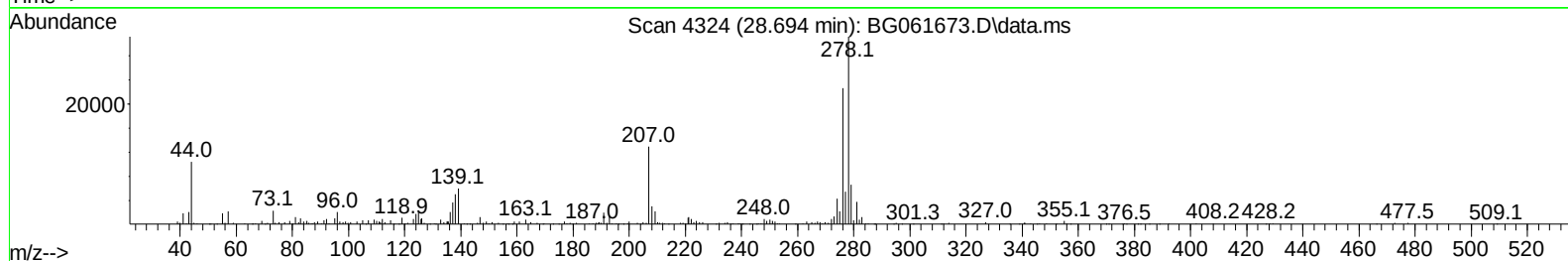
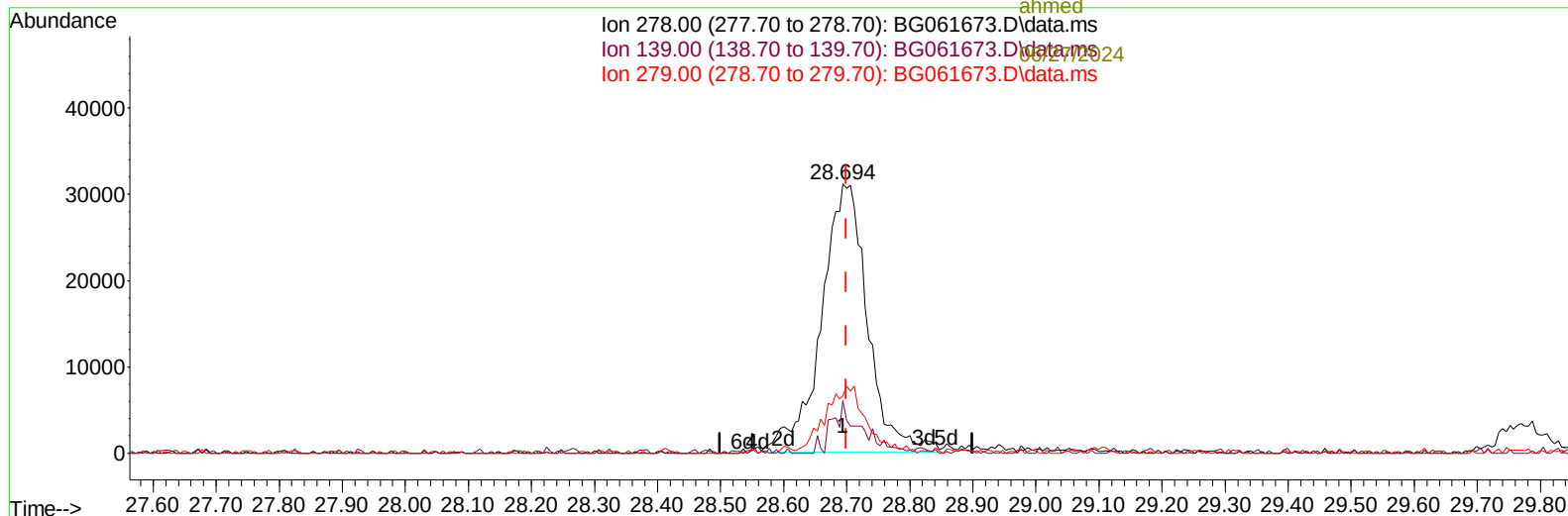
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 ahmed

Ion 278.00 (277.70 to 278.70): BG061673.D\data.ms
 Ion 139.00 (138.70 to 139.70): BG061673.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG061673.D\data.ms



TIC: BG061673.D\data.ms

(95) Dibenzo(a,h)anthracene

28.694min (-0.005) 4.67 ng/ul m

response 158489

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	19.41#
279.00	23.30	21.26
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
A4DK3DL

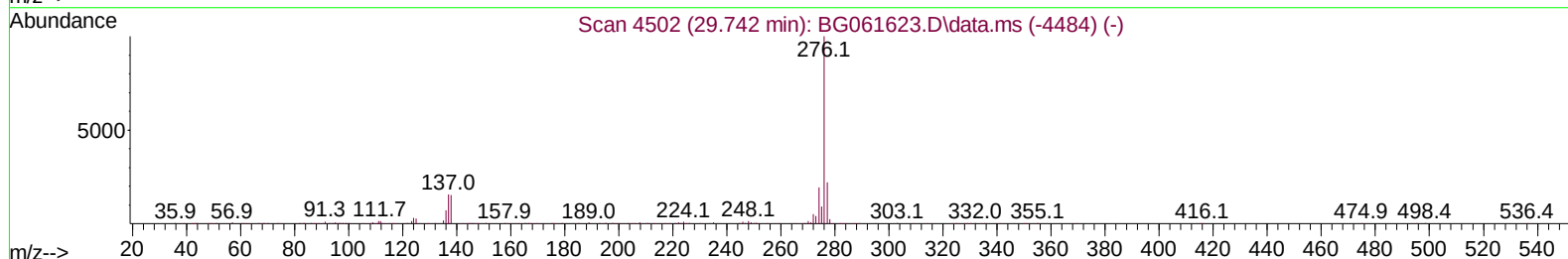
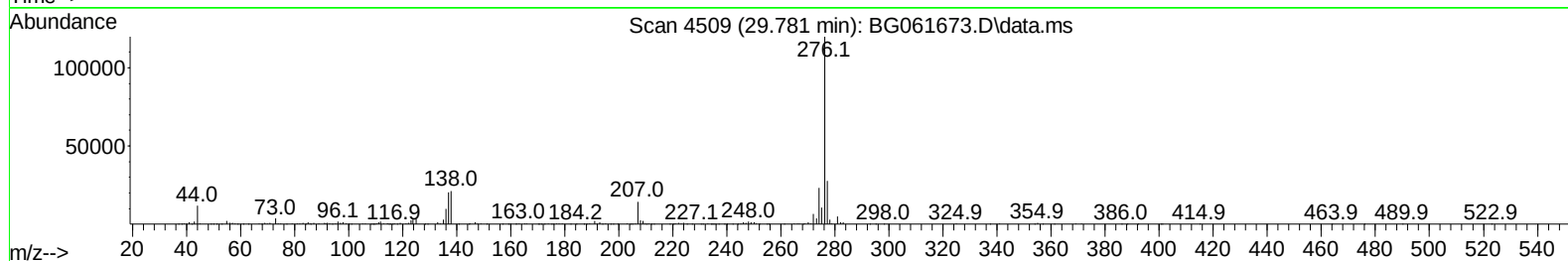
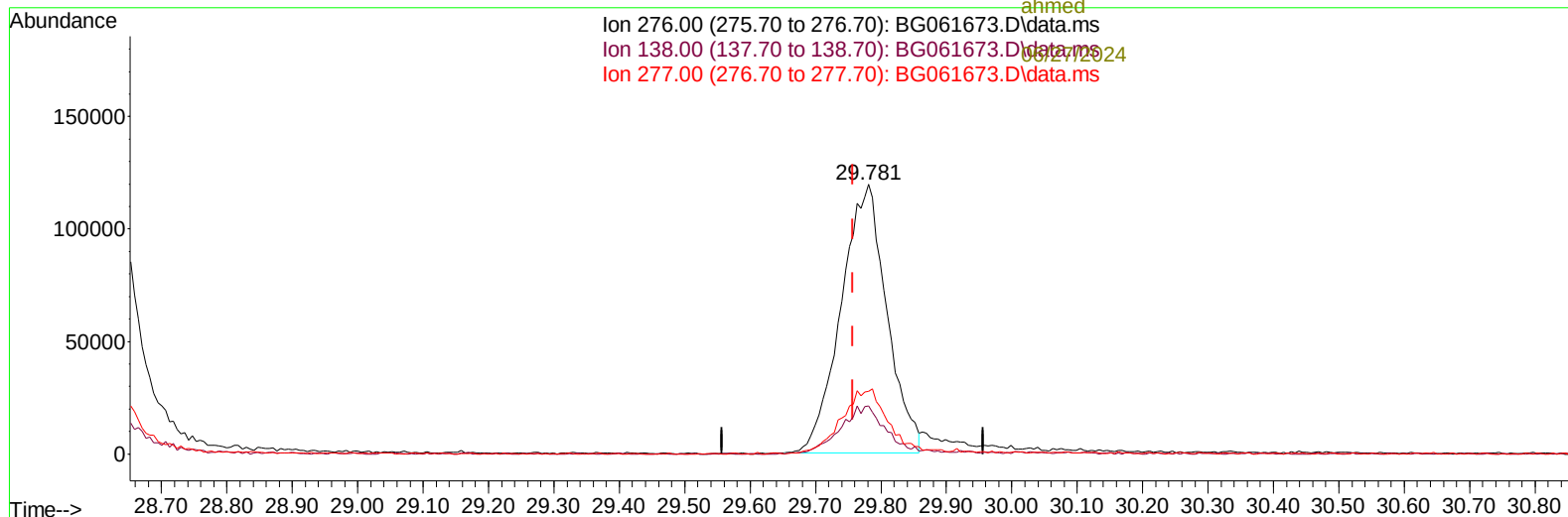
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Patel

06/25/2024
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ahmed

Ion 276.00 (275.70 to 276.70): BG061673.D\data.ms
Ion 138.00 (137.70 to 138.70): BG061673.D\data.ms
Ion 277.00 (276.70 to 277.70): BG061673.D\data.ms



TIC: BG061673.D\data.ms

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

29.781min (+ 0.024) 17.71 ng/ul

response 582876

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.84
277.00	23.20	23.21
0.00	0.00	0.00

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DK3DL

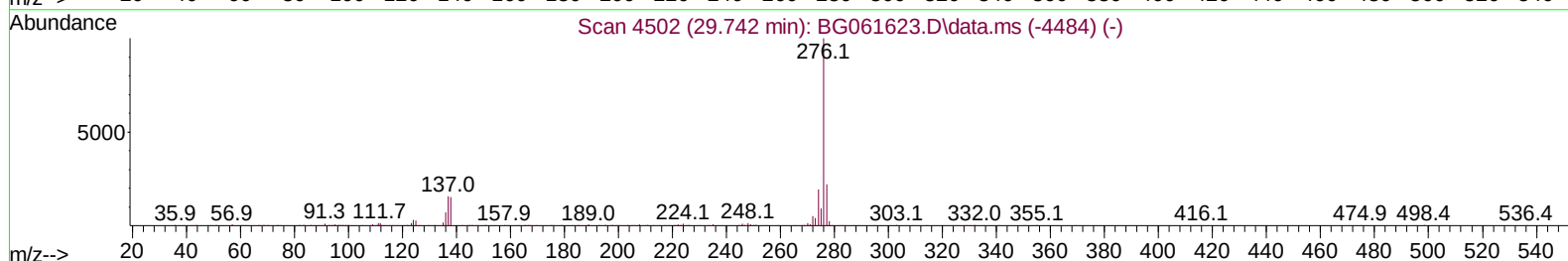
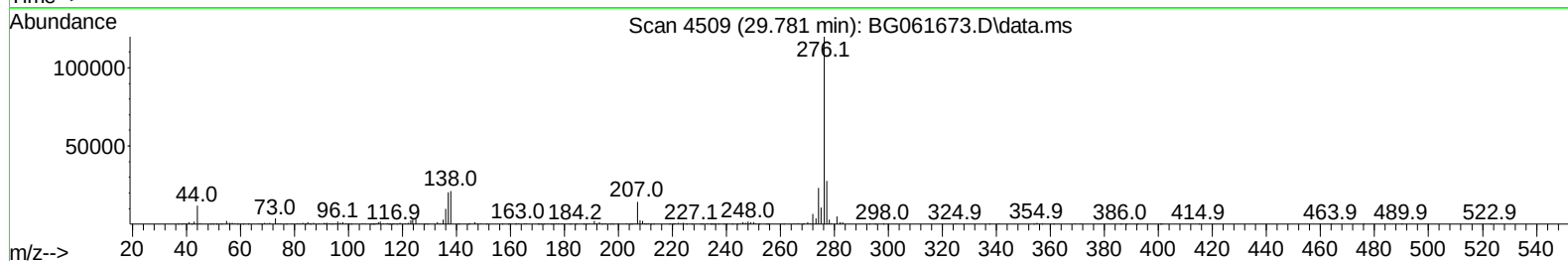
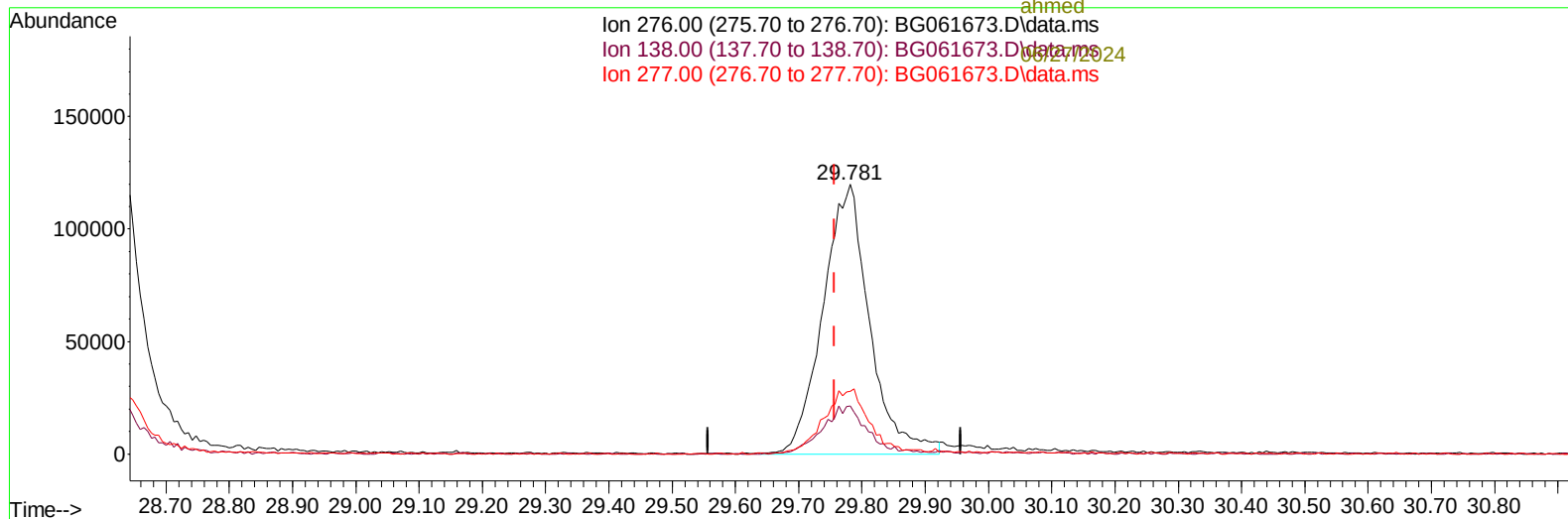
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Patel

06/25/2024
Supervised By :mohammad
ahmed

Ion 276.00 (275.70 to 276.70): BG061673.D\data.ms
Ion 138.00 (137.70 to 138.70): BG061673.D\data.ms
Ion 277.00 (276.70 to 277.70): BG061673.D\data.ms



TIC: BG061673.D\data.ms

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

29.781min (+ 0.024) 18.64 ng/ul m

response 613604

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.84
277.00	23.20	23.21
0.00	0.00	0.00

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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

A4DK3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh
 Patel

06/25/2024

Supervised By :mohammad
 ahmed

Quant Time: Jun 24 13:58:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----06/27/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	54852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.892	136	308839	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.705	164	240303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	597950	20.000	ng/ul	0.00
79) Chrysene-d12	21.714	240	496719	20.000	ng/ul	0.00
88) Perylene-d12	24.946	264	566286	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.471	96	1128	0.743	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.214	99	23519	3.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.402	67	14108	3.801	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	16351	4.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.765	113	16498	3.584	ng/ul	0.00
21) Nitrobenzene-d5	9.241	128	8763	4.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	9997	4.707	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	23960	4.764	ng/ul	0.00
31) 4-Chloroaniline-d4	11.015	131	22363	2.937	ng/ul	0.00
46) Dimethylphthalate-d6	14.105	166	83411	4.511	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	95152	4.695	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	14320	4.509	ng/ul	0.00
60) Fluorene-d10	15.692	176	81425	5.030	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	9084	3.553	ng/ul	0.00
73) Anthracene-d10	17.543	188	128953	4.725	ng/ul	0.00
81) Pyrene-d10	19.822	212	142436	5.134	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.717	264	126819	4.689	ng/ul	0.00

Target Compounds				Qvalue		
8) Phenol	7.243	94	75738	12.087	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.496	93	121848	25.835	ng/ul	96
12) 2-Chlorophenol	7.631	128	19696	4.804	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.876	70	61528	15.111	ng/ul	96
22) Nitrobenzene	9.282	77	33629	5.567	ng/ul	96
25) 2-Nitrophenol	9.993	139	36851	16.593	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.292	93	169596	21.579	ng/ul	93
29) 2,4-Dichlorophenol	10.527	162	92239	20.019	ng/ul	100
30) Naphthalene	10.939	128	442455	25.604	ng/ul	98
35) 4-Chloro-3-methylphenol	12.149	107	156906	24.352	ng/ul	95
41) 2,4,6-Trichlorophenol	13.136	196	93624	21.337	ng/ul	88
42) 2,4,5-Trichlorophenol	13.201	196	108055	22.593	ng/ul	96
48) 2,6-Dinitrotoluene	14.270	165	63214	20.745	ng/ul	91
50) Acenaphthylene	14.429	152	539452	23.846	ng/ul	98
52) Acenaphthene	14.769	153	297046	18.960	ng/ul	94
55) 4-Nitrophenol	14.893	109	84169	25.664	ng/ul	99
56) Dibenzofuran	15.104	168	342967	15.644	ng/ul	98
59) Diethylphthalate	15.516	149	480269	25.394	ng/ul	96
61) Fluorene	15.751	166	257722	14.204	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.745	204	245949	27.306	ng/ul	97
71) Pentachlorophenol	17.084	266	104497	22.960	ng/ul	93
74) Anthracene	17.578	178	778719	24.207	ng/ul	99
78) Di-n-butylphthalate	18.412	149	366218	11.210	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.493	202	708572	22.010	ng/ul	98
82) Pyrene	19.858	202	881669	25.757	ng/ul	97
83) Butylbenzylphthalate	20.745	149	415023	33.299	ng/ul	98
85) Benzo(a)anthracene	21.691	228	472943	13.564	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.614	149	499738	27.278	ng/ul	100
87) Chrysene	21.761	228	910040	27.584	ng/ul	98
91) Benzo(k)fluoranthene	23.982	252	414492	11.840	ng/ul	97
93) Benzo(a)pyrene	24.787	252	195478	5.965	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.624	276	666990	16.333	ng/ul	95
95) Dibenzo(a,h)anthracene	28.694	278	158489m	4.667	ng/ul	
96) Benzo(g,h,i)perylene	29.781	276	613604m	18.639	ng/ul	

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

