Quantitation Report (Qedit)

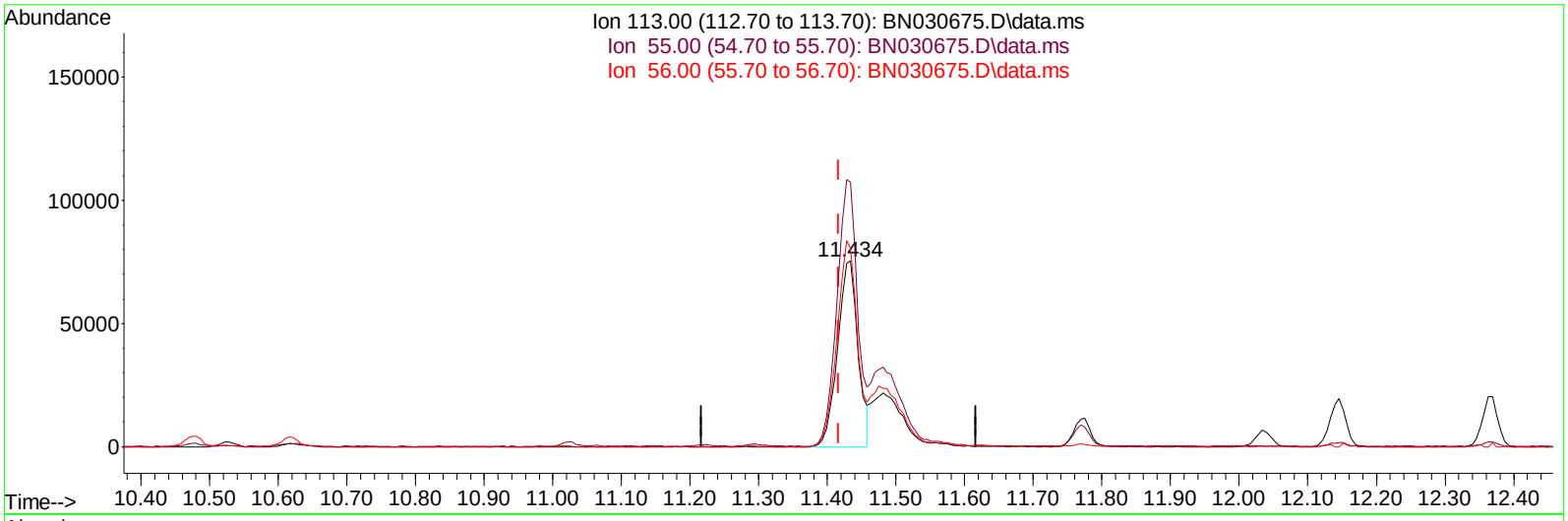
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030675.D
Acq On : 05 Apr 2024 15:40
Operator : MA/JU
Sample : P1989-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

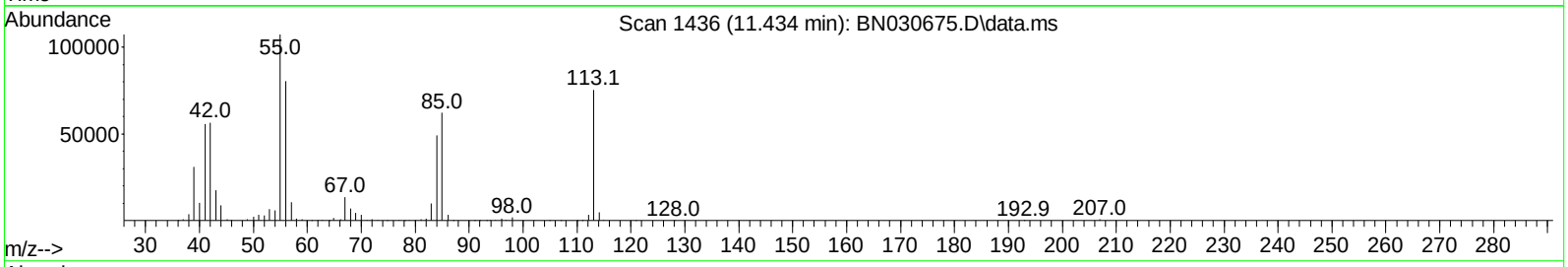
Quant Time: Apr 05 16:57:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

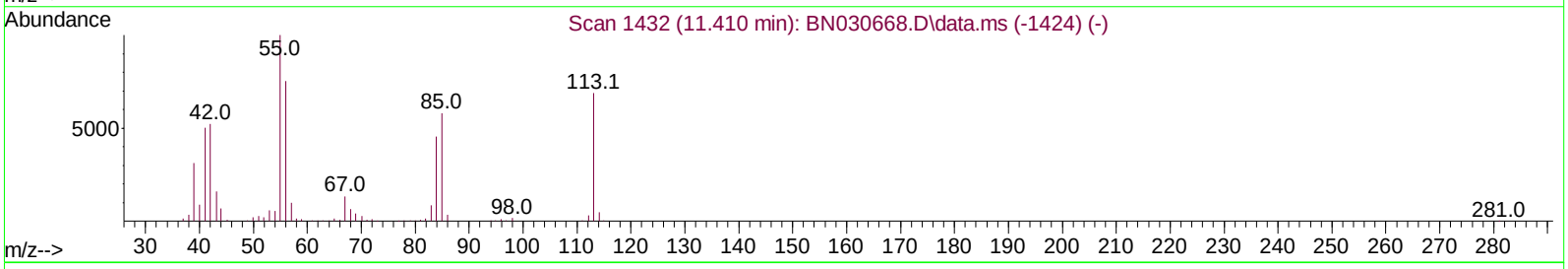
Instrument :
BNA_N
ClientSampleId :
E07T6MS

Manual IntegrationsAPPROVED

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







TIC: BN030675.D\data.ms

(34) Caprolactam

11.434min (+ 0.018) 39.37 ng/ul

response 154751

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	142.41
56.00	113.20	106.70
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 16:57:58 2024
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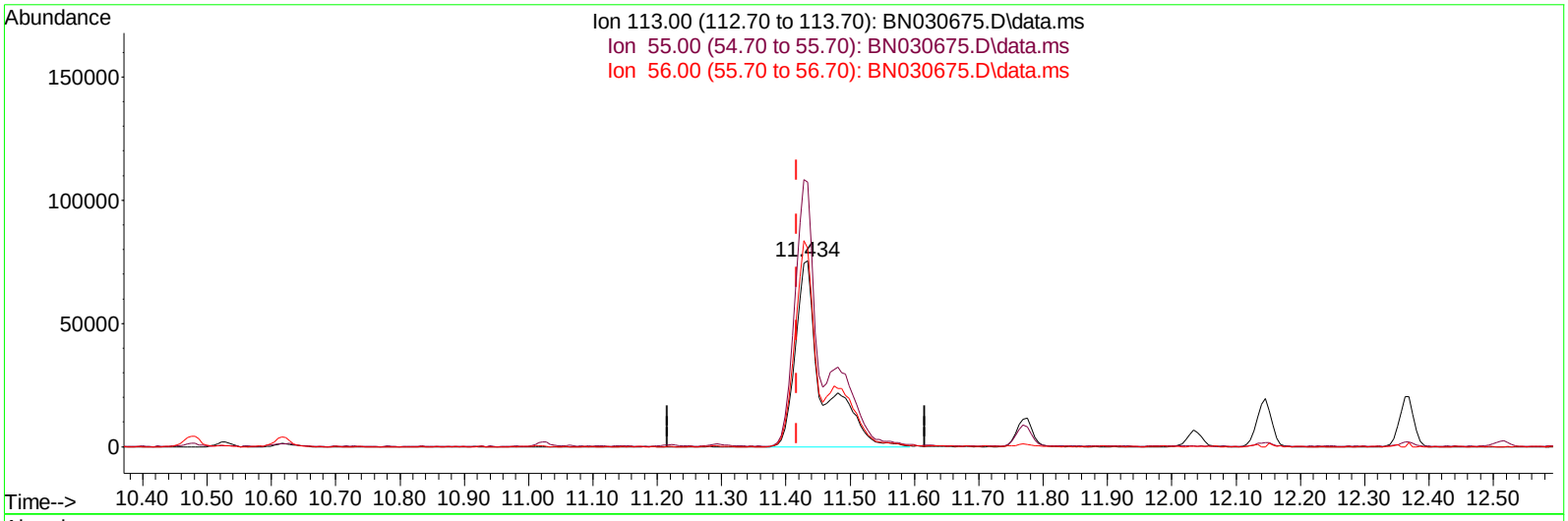

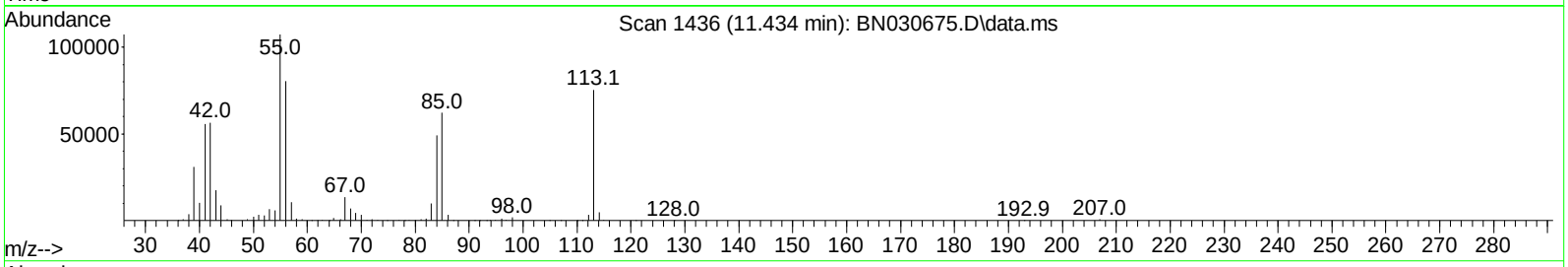

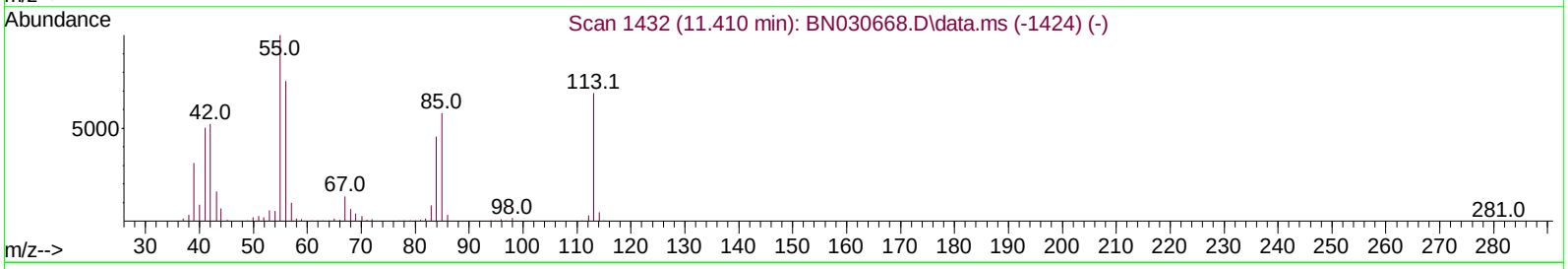

TIC: BN030675.D\data.ms

(34) Caprolactam

11.434min (+ 0.018) 57.02 ng/ul m

response 224102

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	142.41
56.00	113.20	106.70
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
E07T6MS

Manual IntegrationsAPPROVED

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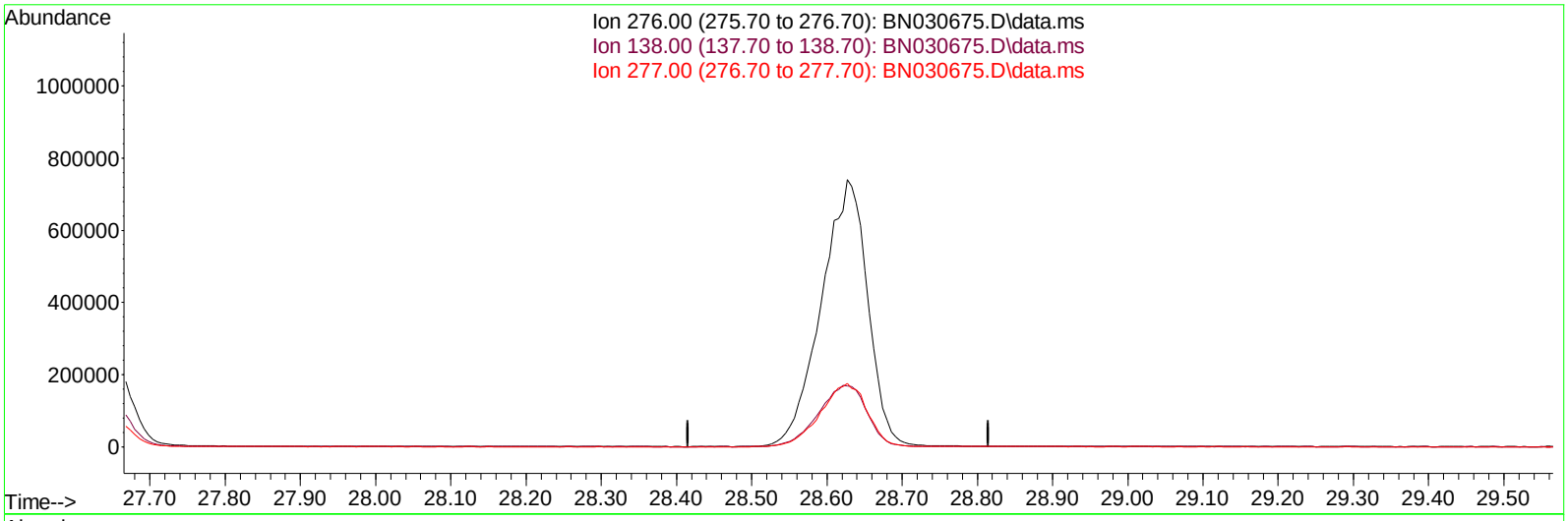

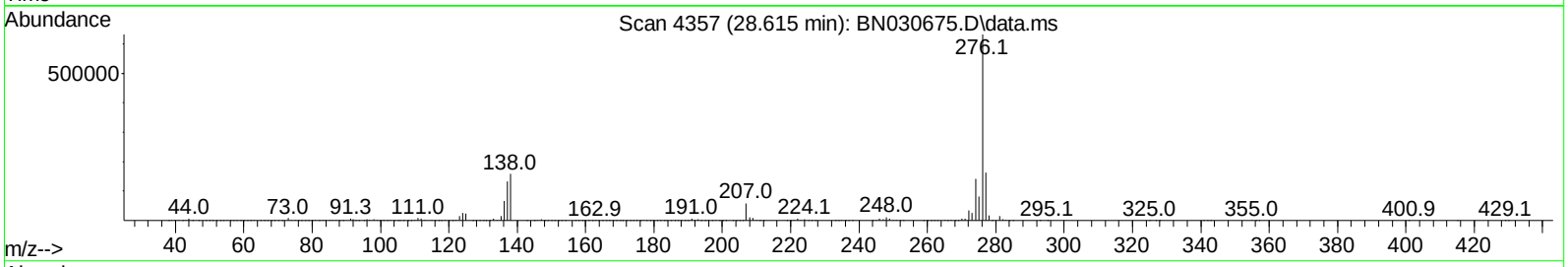

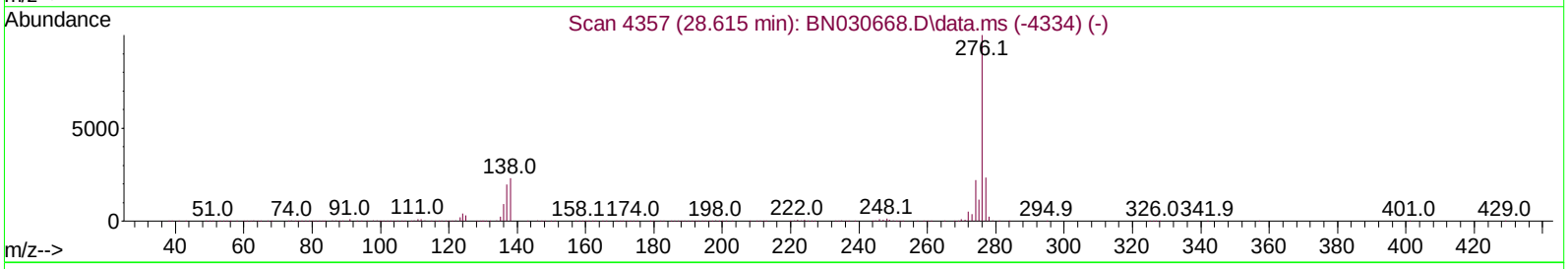

TIC: BN030675.D\data.ms

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

28.615min (-28.615) 0.00 ng/ul

response 0

Ion	Exp%	Act%
276.00	100.00	0.00
138.00	24.10	0.00#
277.00	25.10	0.00#
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E07T6MS

Manual IntegrationsAPPROVED

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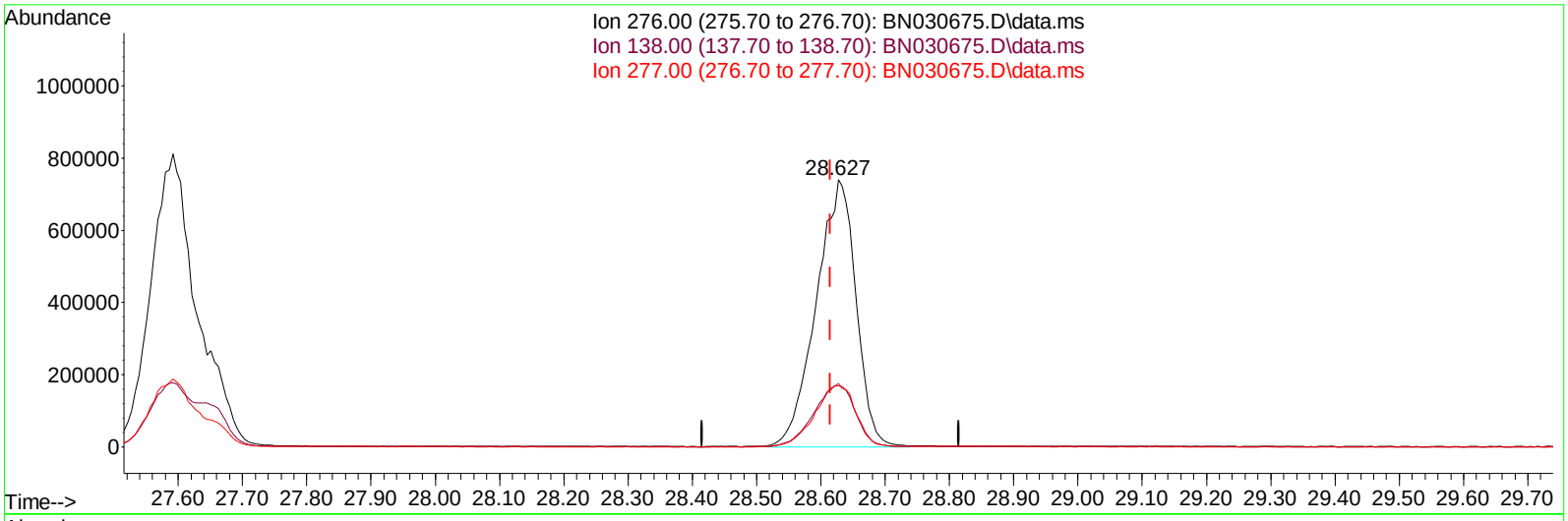

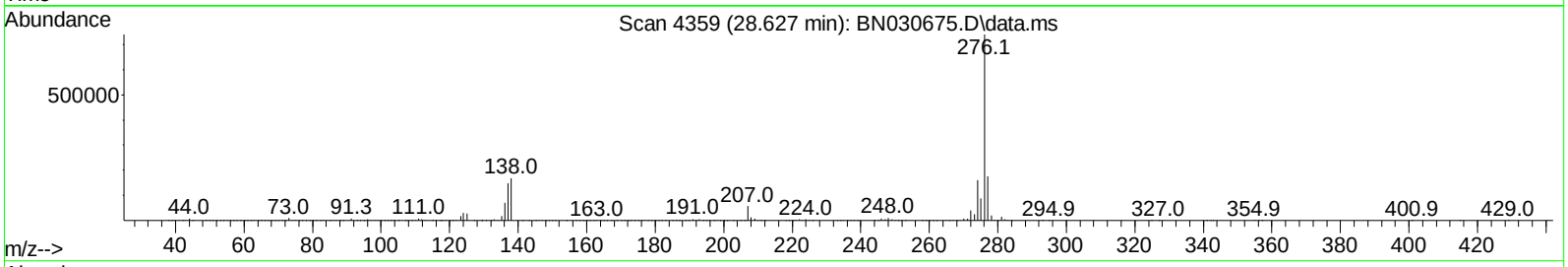

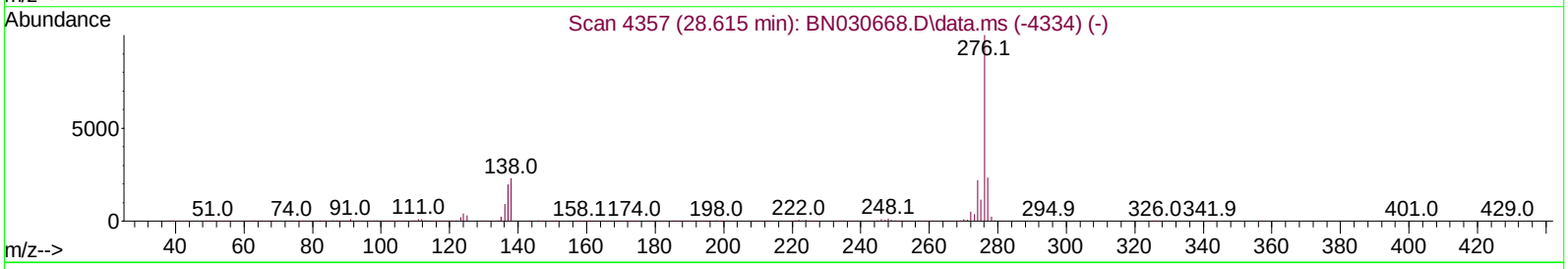

TIC: BN030675.D\data.ms

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

28.627min (+ 0.012) 51.22 ng/ul m

response 3176049

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	22.88
277.00	25.10	23.77
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : P1989-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 17:00:15 2024
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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	152591	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	741945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	529232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1152640	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1114166	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1314332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	22456	6.900	ng/uL	0.00
4) Pyridine-d5	3.599	84	319233	32.715	ng/ul	0.00
7) Phenol-d5	6.863	99	535610	43.391	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	309446	40.588	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	418767	44.720	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	454841	43.966	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	225707	43.854	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	246743	52.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	470970	45.691	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	636510	37.509	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1540660	43.602	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1753123	43.152	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	294497	43.572	ng/ul	0.01
60) Fluorene-d10	15.334	176	1325543	42.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	248275	48.799	ng/ul	0.00
73) Anthracene-d10	17.186	188	2116213	42.611	ng/ul	0.00
81) Pyrene-d10	19.486	212	2513668	41.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	2705974	44.682	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	59755	17.140	ng/uL	96
5) Pyridine	3.617	79	426862	43.352	ng/ul	98
6) Benzaldehyde	6.840	77	338728	58.925	ng/ul	98
8) Phenol	6.893	94	659170	51.260	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.122	93	509259	48.564	ng/ul	99
12) 2-Chlorophenol	7.258	128	518892	51.656	ng/ul	98
13) 2-Methylphenol	8.134	108	516862	52.160	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	679383	46.011	ng/ul	98
16) Acetophenone	8.516	105	815096	49.901	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.505	70	421102	51.187	ng/ul	96
18) 4-Methylphenol	8.463	108	573409	51.691	ng/ul	99
19) Hexachloroethane	8.763	117	209369	49.713	ng/ul	97
22) Nitrobenzene	8.893	77	609298	48.495	ng/ul	98
23) Isophorone	9.416	82	1285820	51.317	ng/ul	99
25) 2-Nitrophenol	9.599	139	320451	57.910	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	580882	47.230	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.899	93	764072	47.961	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	540899	51.410	ng/ul	99
30) Naphthalene	10.528	128	1819103	47.805	ng/ul	100
32) 4-Chloroaniline	10.640	127	677593	41.432	ng/ul	100
33) Hexachlorobutadiene	10.804	225	320007	48.321	ng/ul	98
34) Caprolactam	11.434	113	224102m	57.016	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	650087	54.859	ng/ul	98

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Quant Title : SVOA CALIBRATION
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E07T6MS

Manual IntegrationsAPPROVED

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

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.146	142	1298135	48.848	ng/ul	100
37)	1-Methylnaphthalene	12.363	142	1298927	48.150	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.516	216	659499	48.287	ng/ul	97
40)	Hexachlorocyclopentadiene	12.493	237	373221	48.118	ng/ul	98
41)	2,4,6-Trichlorophenol	12.757	196	471424	55.236	ng/ul	98
42)	2,4,5-Trichlorophenol	12.834	196	523222	54.284	ng/ul	94
43)	1,1'-Biphenyl	13.169	154	1715335	47.552	ng/ul	98
44)	2-Chloronaphthalene	13.204	162	1364624	48.056	ng/ul	97
45)	2-Nitroaniline	13.422	65	417396	55.233	ng/ul	95
47)	Dimethylphthalate	13.804	163	1850931	50.710	ng/ul	98
48)	2,6-Dinitrotoluene	13.922	165	394363	58.274	ng/ul	98
50)	Acenaphthylene	14.057	152	2322526	49.478	ng/ul	99
51)	3-Nitroaniline	14.251	138	409687	57.036	ng/ul	99
52)	Acenaphthene	14.404	153	1522177	48.661	ng/ul	100
53)	2,4-Dinitrophenol	14.457	184	202983	65.304	ng/ul	94
55)	4-Nitrophenol	14.569	109	320147	59.787	ng/ul	86
56)	Dibenzofuran	14.740	168	2073137	47.677	ng/ul	99
57)	2,4-Dinitrotoluene	14.710	165	571876	57.881	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	14.963	232	450328	56.256	ng/ul	97
59)	Diethylphthalate	15.175	149	1928015	51.995	ng/ul	99
61)	Fluorene	15.387	166	1642759	47.530	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.387	204	807684	47.632	ng/ul	97
63)	4-Nitroaniline	15.422	138	446976	64.007	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.469	198	322072	58.915	ng/ul	99
67)	N-Nitrosodiphenylamine	15.604	169	1521651	48.475	ng/ul	98
68)	4-Bromophenyl-phenylether	16.281	248	544011	49.703	ng/ul	96
69)	Hexachlorobenzene	16.387	284	632142	49.048	ng/ul	97
70)	Atrazine	16.563	200	508313	46.719	ng/ul	99
71)	Pentachlorophenol	16.734	266	419858	55.252	ng/ul	96
72)	Phenanthrene	17.128	178	2830558	47.798	ng/ul	99
74)	Anthracene	17.222	178	2883928	48.173	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.128	216	679074	47.955	ng/uL	96
76)	Pentachlorobenzene	14.651	250	672255	46.738	ng/uL	94
77)	Carbazole	17.492	167	2747519	52.333	ng/ul	98
78)	Di-n-butylphthalate	18.063	149	3609318	56.354	ng/ul	100
80)	Fluoranthene	19.151	202	3520131	49.434	ng/ul	99
82)	Pyrene	19.516	202	3597916	47.842	ng/ul	98
83)	Butylbenzylphthalate	20.427	149	1763883	61.418	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.239	252	1024918	50.063	ng/ul	95
85)	Benzo(a)anthracene	21.310	228	3710539	49.901	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.239	149	2452036	57.895	ng/ul	99
87)	Chrysene	21.369	228	3436158	48.959	ng/ul	98
89)	Di-n-octyl phthalate	22.357	149	4697967	56.443	ng/ul	100
90)	Benzo(b)fluoranthene	23.345	252	3777844	48.841	ng/ul	97
91)	Benzo(k)fluoranthene	23.410	252	3803205	48.415	ng/ul	99
93)	Benzo(a)pyrene	24.139	252	3612909	49.445	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.592	276	4090566	51.788	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.651	278	3420809	51.445	ng/ul	95
96)	Benzo(g,h,i)perylene	28.627	276	3176049m	51.219	ng/ul	

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

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E07T6MS

Manual IntegrationsAPPROVED

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