Quantitation Report (Qedit)

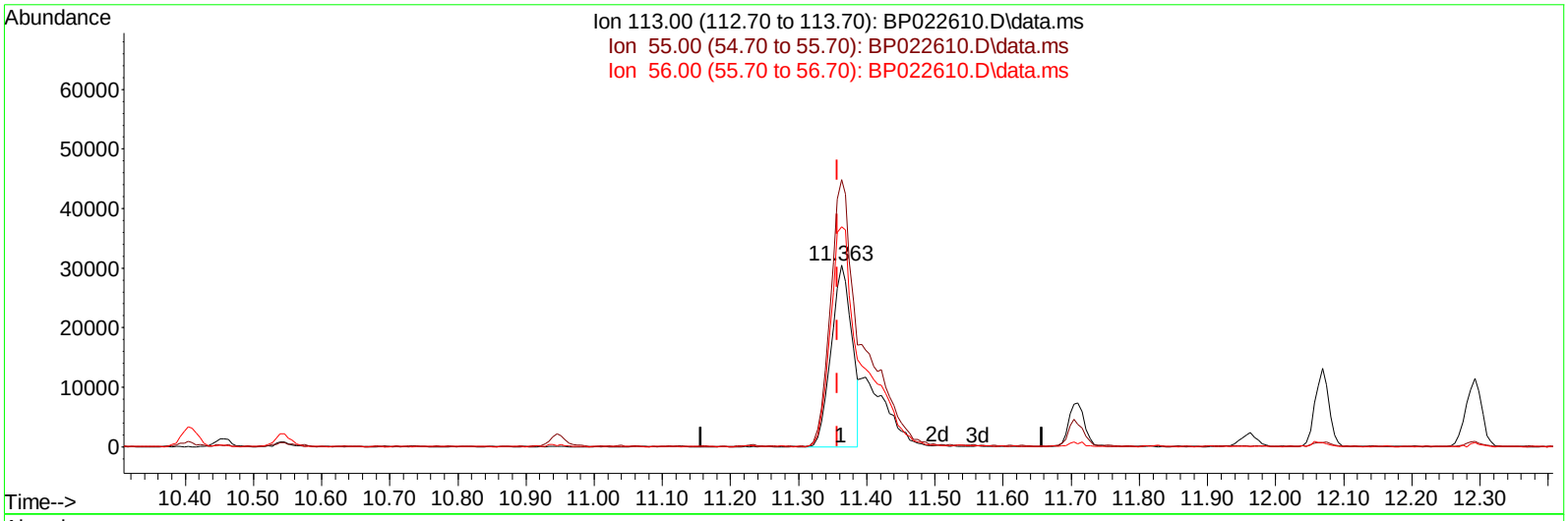
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022610.D
Acq On : 25 Oct 2024 13:55
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

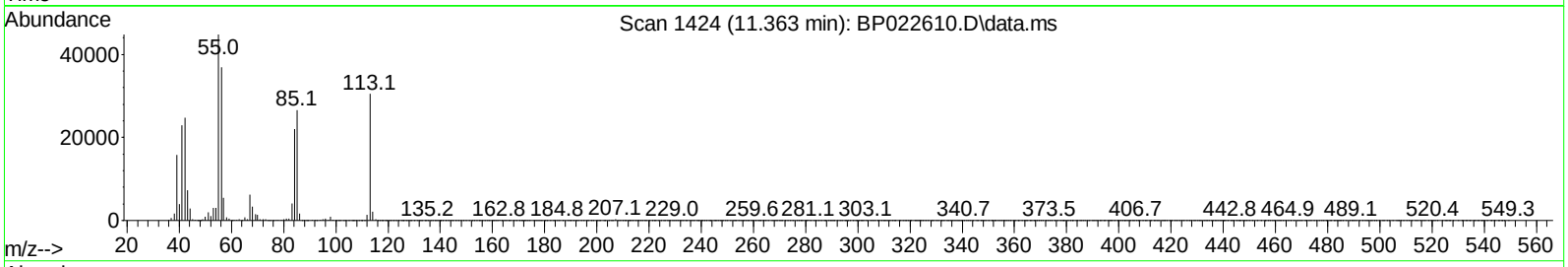
Quant Time: Oct 25 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

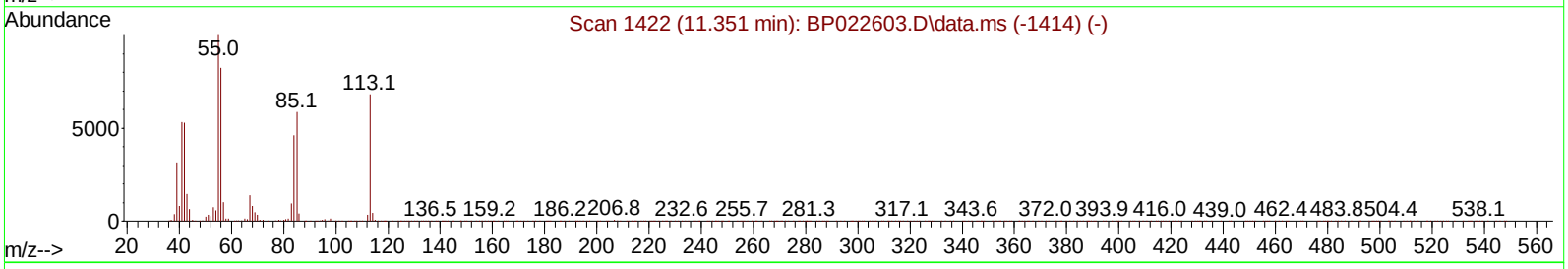
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024







TIC: BP022610.D\data.ms

(34) Caprolactam

11.363min (+ 0.006) 23.12 ng/ul

response 64725

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	146.83
56.00	130.00	120.86
0.00	0.00	0.00

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Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 25 14:50:32 2024
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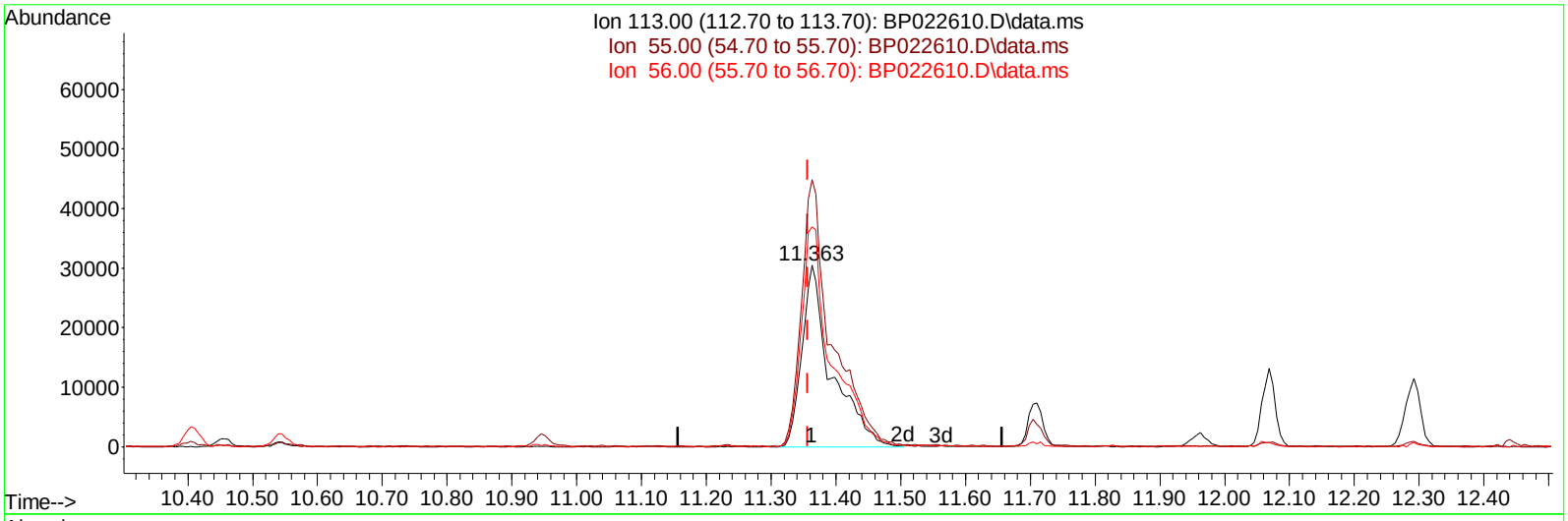

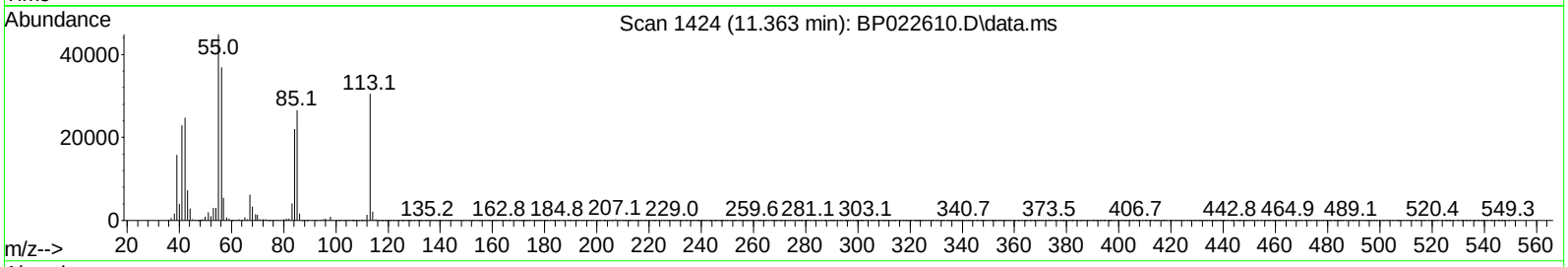

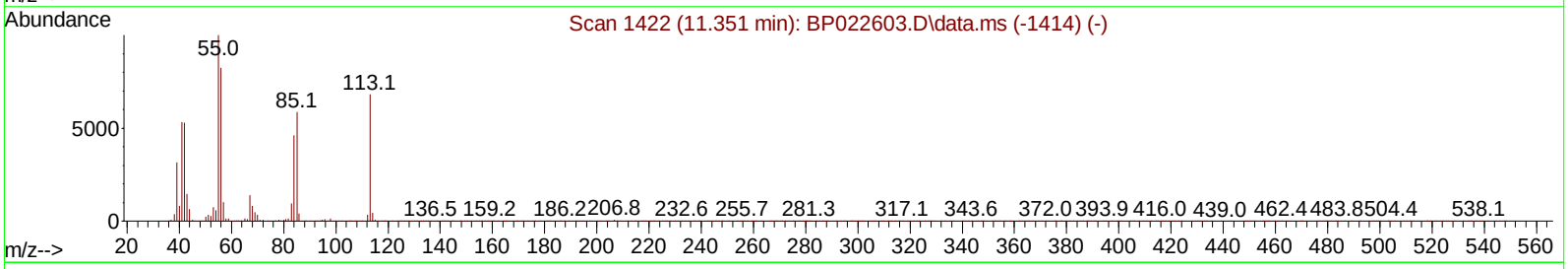

TIC: BP022610.D\data.ms

(34) Caprolactam

11.363min (+ 0.006) 34.52 ng/ul m

response 96645

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	146.83
56.00	130.00	120.86
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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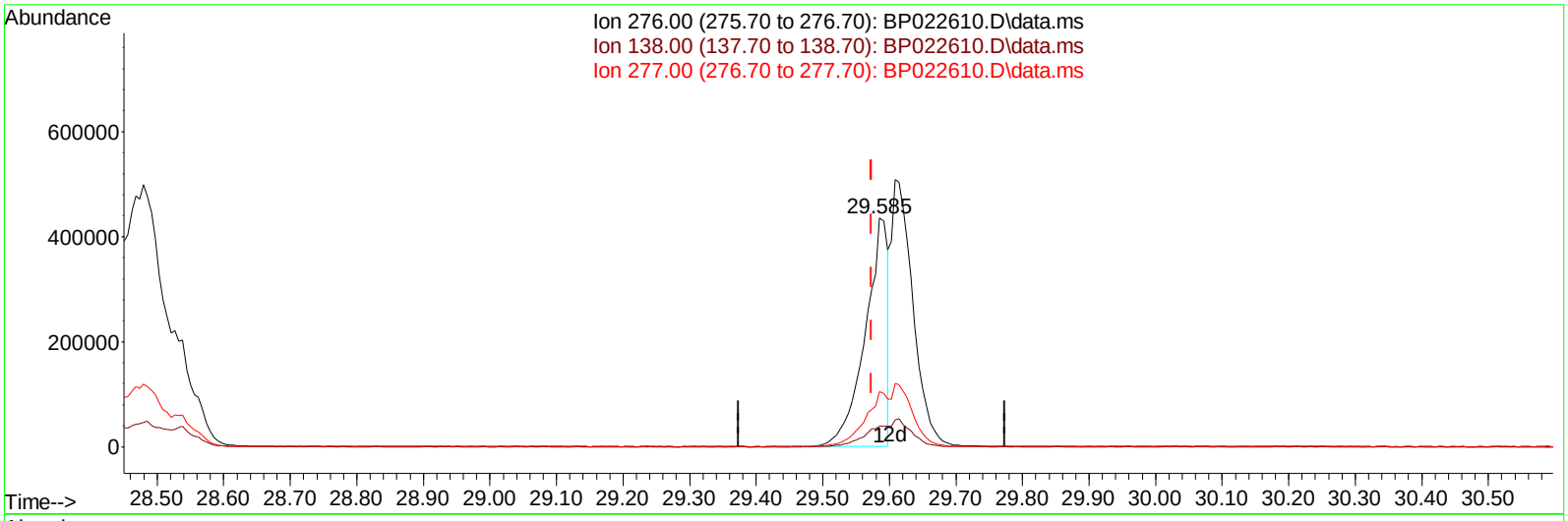

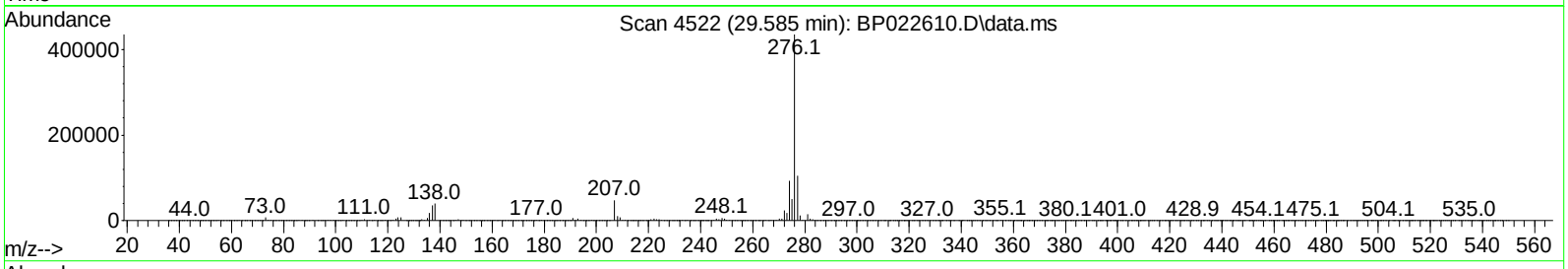

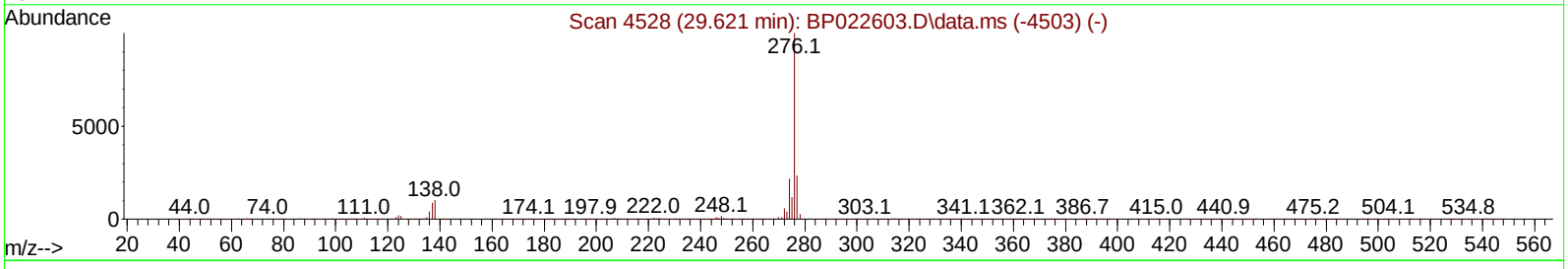

TIC: BP022610.D\data.ms

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

29.585min (+ 0.012) 15.91 ng/ul

response 1019525

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.01
277.00	23.70	24.03
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 25 14:50:32 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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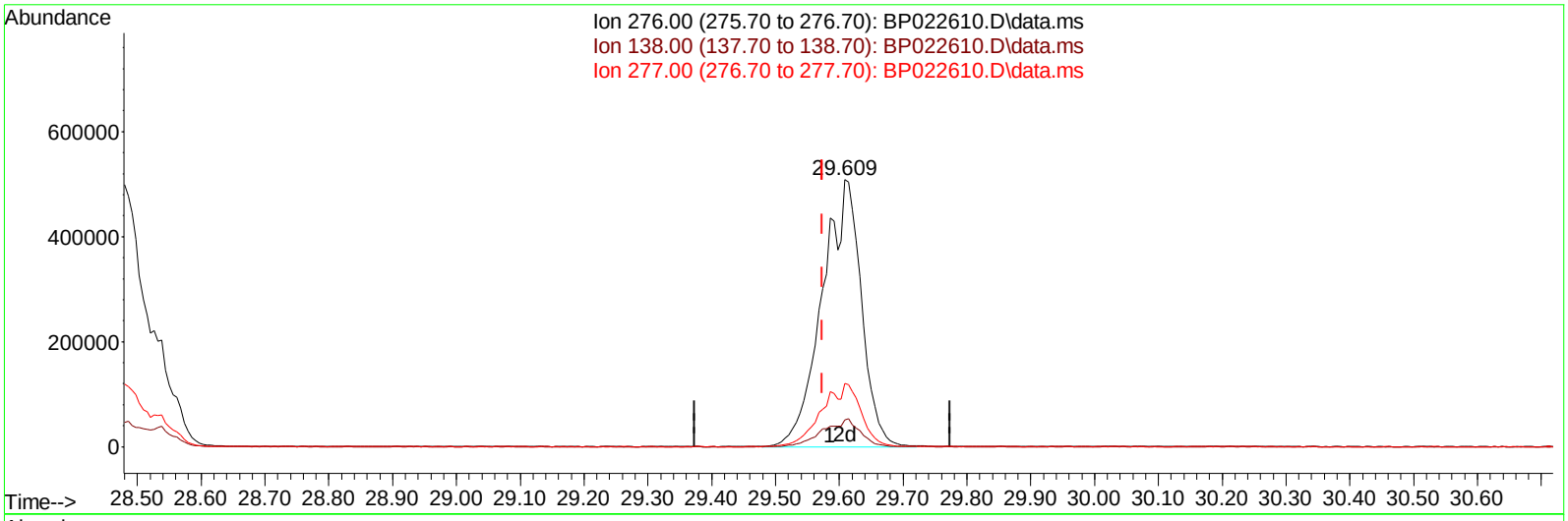

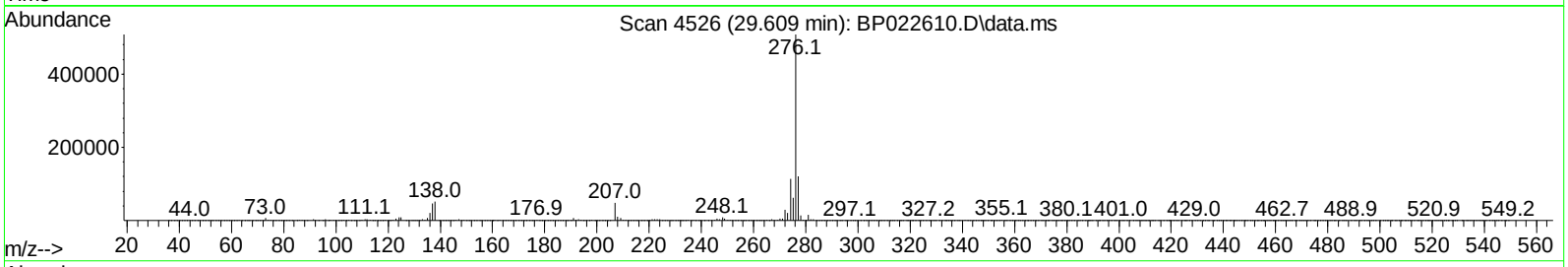

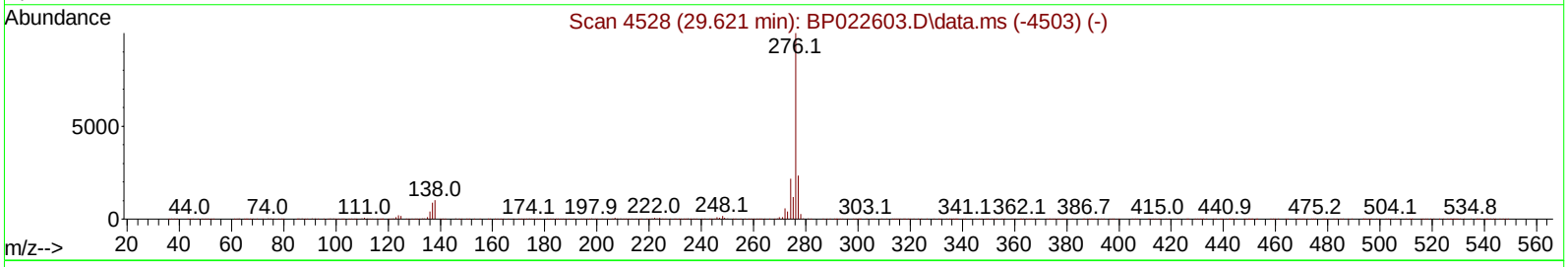

TIC: BP022610.D\data.ms

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

29.609min (+ 0.035) 33.90 ng/ul m

response 2172386

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.16
277.00	23.70	23.83
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	117045	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	466104	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	381007	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	932931	20.000	ng/ul	-0.02
79) Chrysene-d12	21.498	240	937089	20.000	ng/ul	0.00
88) Perylene-d12	24.768	264	1065811	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	12483	4.144	ng/uL	-0.01
4) Pyridine-d5	3.593	84	170771	20.653	ng/ul	-0.02
7) Phenol-d5	6.845	99	279446	28.363	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	148885	25.711	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.192	132	200431	28.670	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	222832	28.340	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	101728	28.385	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	126286	30.436	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	267391	30.321	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.545	131	267595	25.680	ng/ul	-0.01
46) Dimethylphthalate-d6	13.680	166	837391	27.662	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	900251	28.000	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	117815	23.199	ng/ul	0.00
60) Fluorene-d10	15.274	176	739485	28.164	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.427	200	141951	23.135	ng/ul	0.01
73) Anthracene-d10	17.174	188	1213512	27.651	ng/ul	0.00
81) Pyrene-d10	19.551	212	1505127	30.373	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.527	264	1687385	29.645	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	32810	10.131	ng/uL	96
5) Pyridine	3.616	79	240104	28.320	ng/ul	97
6) Benzaldehyde	6.810	77	34008	6.387	ng/ul	94
8) Phenol	6.869	94	352676	34.405	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.081	93	248564	32.400	ng/ul	97
12) 2-Chlorophenol	7.222	128	252242	34.892	ng/ul	98
13) 2-Methylphenol	8.092	108	252678	33.966	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	282623	31.699	ng/ul	98
16) Acetophenone	8.457	105	428380	33.001	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.445	70	226081	34.376	ng/ul	97
18) 4-Methylphenol	8.416	108	282056	34.177	ng/ul	97
19) Hexachloroethane	8.704	117	111516	33.122	ng/ul	99
22) Nitrobenzene	8.834	77	340434	31.823	ng/ul	98
23) Isophorone	9.357	82	634616	33.086	ng/ul	98
25) 2-Nitrophenol	9.539	139	158809	35.514	ng/ul	95
26) 2,4-Dimethylphenol	9.598	107	276578	28.456	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	351726	32.296	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	311751	35.898	ng/ul	99
30) Naphthalene	10.457	128	810583	32.651	ng/ul	98
32) 4-Chloroaniline	10.569	127	198595	19.307	ng/ul	99
33) Hexachlorobutadiene	10.739	225	248056	33.890	ng/ul	98
34) Caprolactam	11.363	113	96645m	34.519	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	342837	36.183	ng/ul	99

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Misc :
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BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	628693	34.499	ng/ul	98
37) 1-Methylnaphthalene	12.292	142	613296	32.972	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.439	216	473220	33.590	ng/ul	96
40) Hexachlorocyclopentadiene	12.416	237	177236	20.649	ng/ul	99
41) 2,4,6-Trichlorophenol	12.692	196	311788	35.184	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	336827	35.697	ng/ul	98
43) 1,1'-Biphenyl	13.092	154	905753	32.981	ng/ul	100
44) 2-Chloronaphthalene	13.133	162	738556	32.852	ng/ul	97
45) 2-Nitroaniline	13.351	65	222183	33.098	ng/ul	90
47) Dimethylphthalate	13.733	163	987114	32.724	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	212487	37.242	ng/ul	94
50) Acenaphthylene	13.986	152	1086347	32.556	ng/ul	100
51) 3-Nitroaniline	14.186	138	174541	32.571	ng/ul	93
52) Acenaphthene	14.333	153	770305	32.645	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	143099	34.089	ng/ul	97
55) 4-Nitrophenol	14.521	109	189593	33.637	ng/ul	93
56) Dibenzofuran	14.669	168	1188333	33.527	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	323077	36.440	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.904	232	318225	36.132	ng/ul	99
59) Diethylphthalate	15.116	149	958764	33.130	ng/ul	99
61) Fluorene	15.333	166	950556	32.914	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	544259	32.955	ng/ul	98
63) 4-Nitroaniline	15.363	138	202653	37.582	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.445	198	221768	33.555	ng/ul#	95
67) N-Nitrosodiphenylamine	15.545	169	840980	33.662	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	389668	34.636	ng/ul	96
69) Hexachlorobenzene	16.351	284	483160	34.890	ng/ul	98
70) Atrazine	16.527	200	368195	35.455	ng/ul	95
71) Pentachlorophenol	16.715	266	303064	34.036	ng/ul	99
72) Phenanthrene	17.110	178	1665171	33.362	ng/ul	99
74) Anthracene	17.210	178	1613114	32.385	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	459338	32.336	ng/uL	97
76) Pentachlorobenzene	14.592	250	510090	32.483	ng/uL	99
77) Carbazole	17.486	167	1430332	32.453	ng/ul	99
78) Di-n-butylphthalate	18.068	149	1605417	32.920	ng/ul	100
80) Fluoranthene	19.198	202	2109331	37.026	ng/ul	98
82) Pyrene	19.580	202	2228590	36.498	ng/ul	98
83) Butylbenzylphthalate	20.533	149	763220	35.902	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.403	252	697680	31.233	ng/ul	98
85) Benzo(a)anthracene	21.480	228	2218963	33.778	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.409	149	1086247	35.598	ng/ul	99
87) Chrysene	21.551	228	2023180	33.214	ng/ul	100
89) Di-n-octyl phthalate	22.662	149	1787327	35.255	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	2396427	35.720	ng/ul#	98
91) Benzo(k)fluoranthene	23.797	252	2285441	34.794	ng/ul	99
93) Benzo(a)pyrene	24.603	252	2099244	33.998	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.480	276	2831559	34.365	ng/ul	97
95) Dibenzo(a,h)anthracene	28.538	278	2280347	34.177	ng/ul	98
96) Benzo(g,h,i)perylene	29.609	276	2172386m	33.896	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

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