Quantitation Report (Qedit)

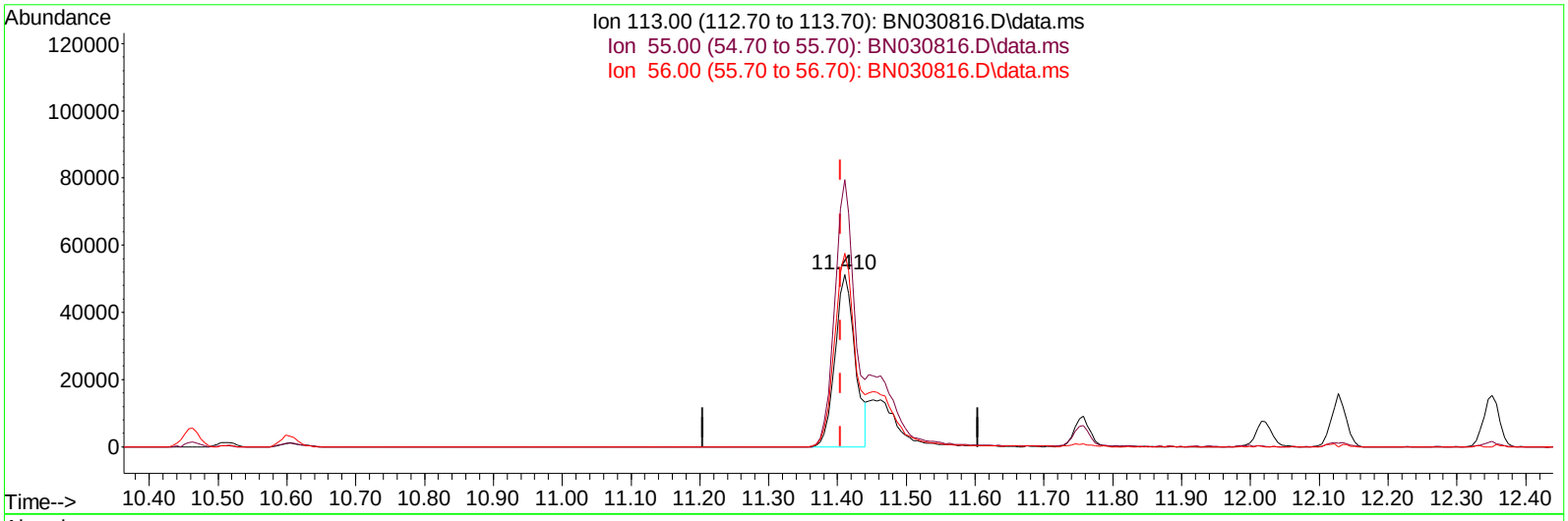
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030816.D
Acq On : 10 Apr 2024 14:26
Operator : MA/JU
Sample : PB159989BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

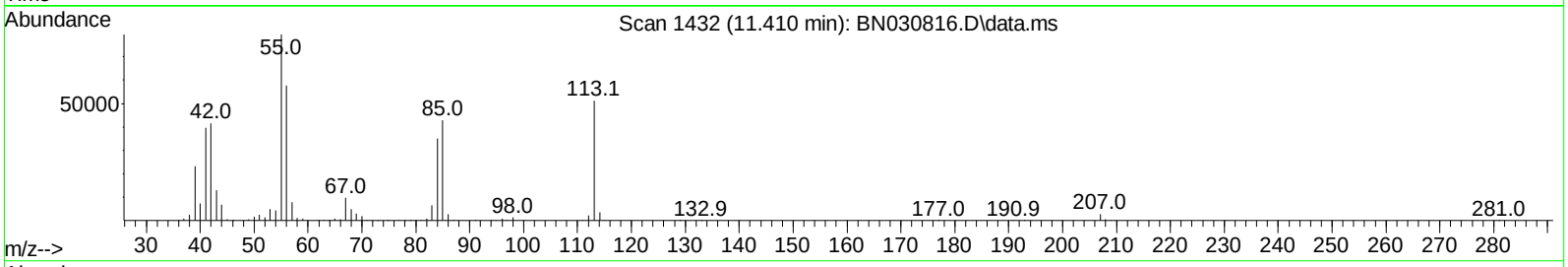
Quant Time: Apr 10 16:56:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

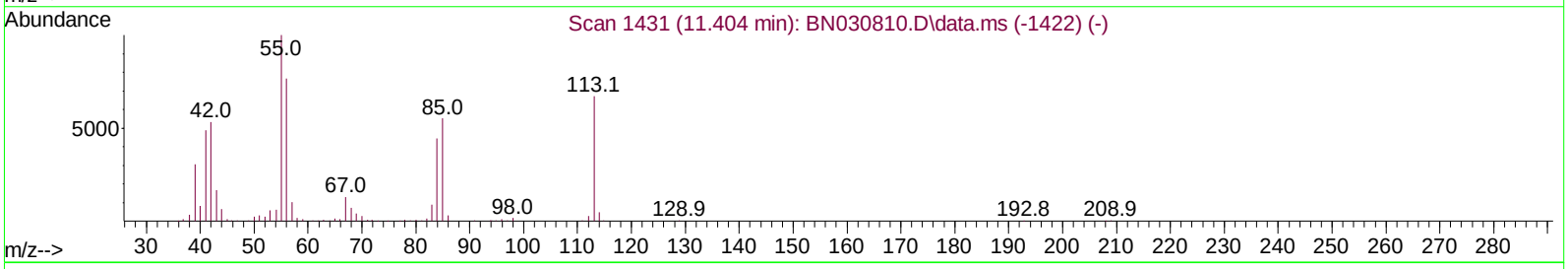
Instrument :
BNA_N
ClientSampleId :
SLCS989

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024







TIC: BN030816.D\data.ms

(34) Caprolactam

11.410min (+ 0.006) 23.03 ng/ul

response 102523

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	154.91
56.00	113.20	112.38
0.00	0.00	0.00

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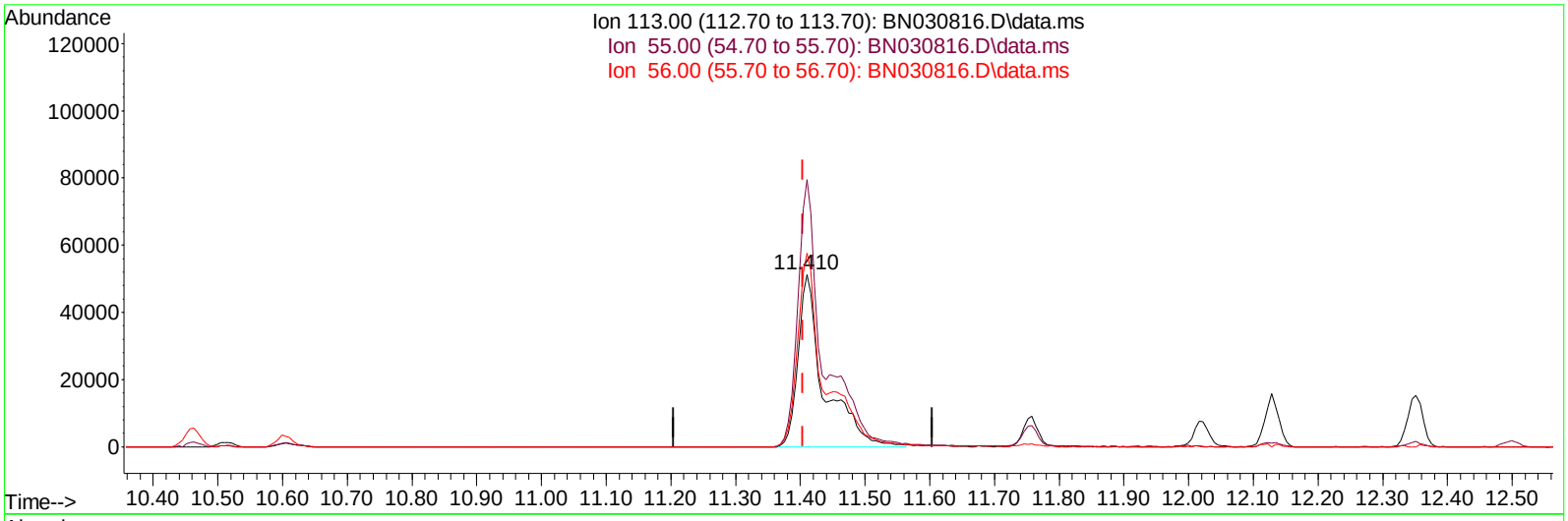

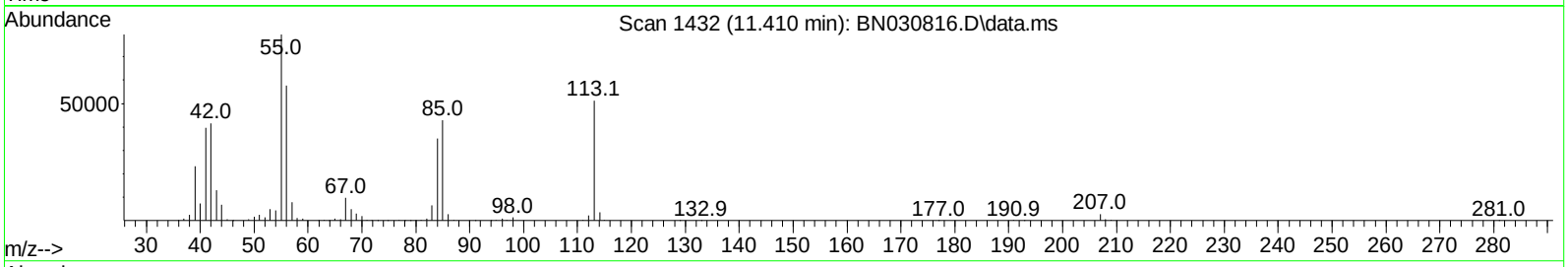

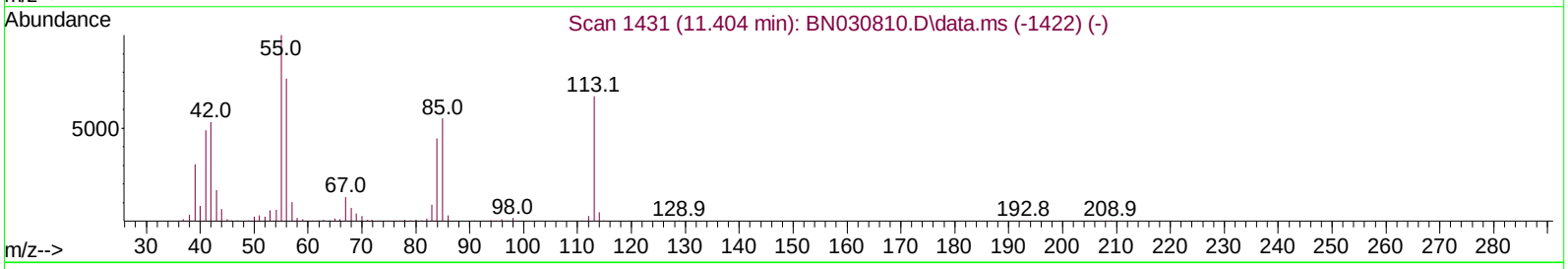

TIC: BN030816.D\data.ms

(34) Caprolactam

11.410min (+ 0.006) 32.22 ng/ul m

response 143479

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	154.91
56.00	113.20	112.38
0.00	0.00	0.00

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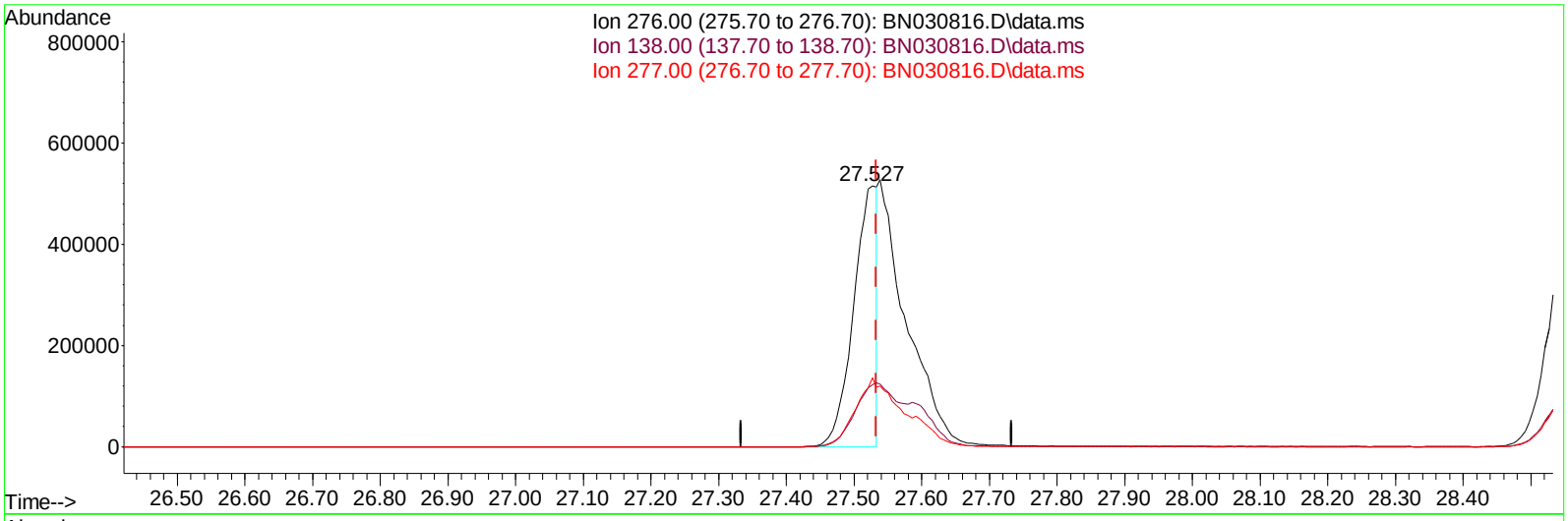

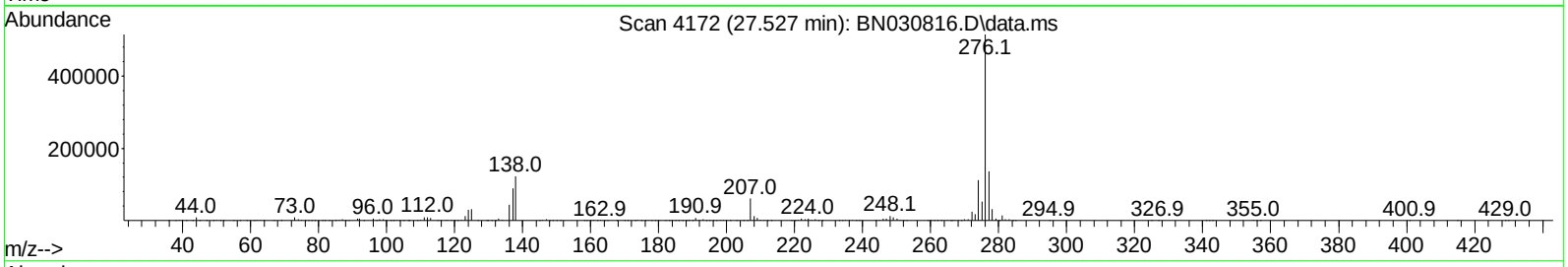

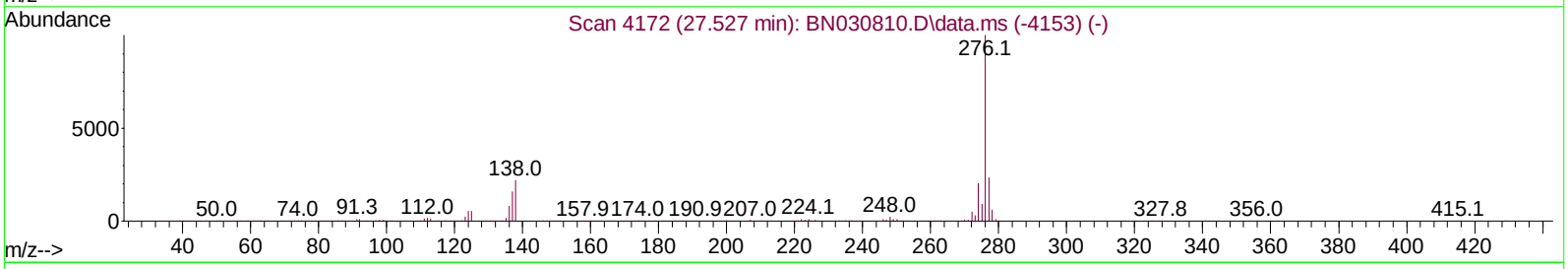

TIC: BN030816.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.527min (-0.006) 15.61 ng/ul

response 1237921

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	23.80
277.00	23.00	26.51
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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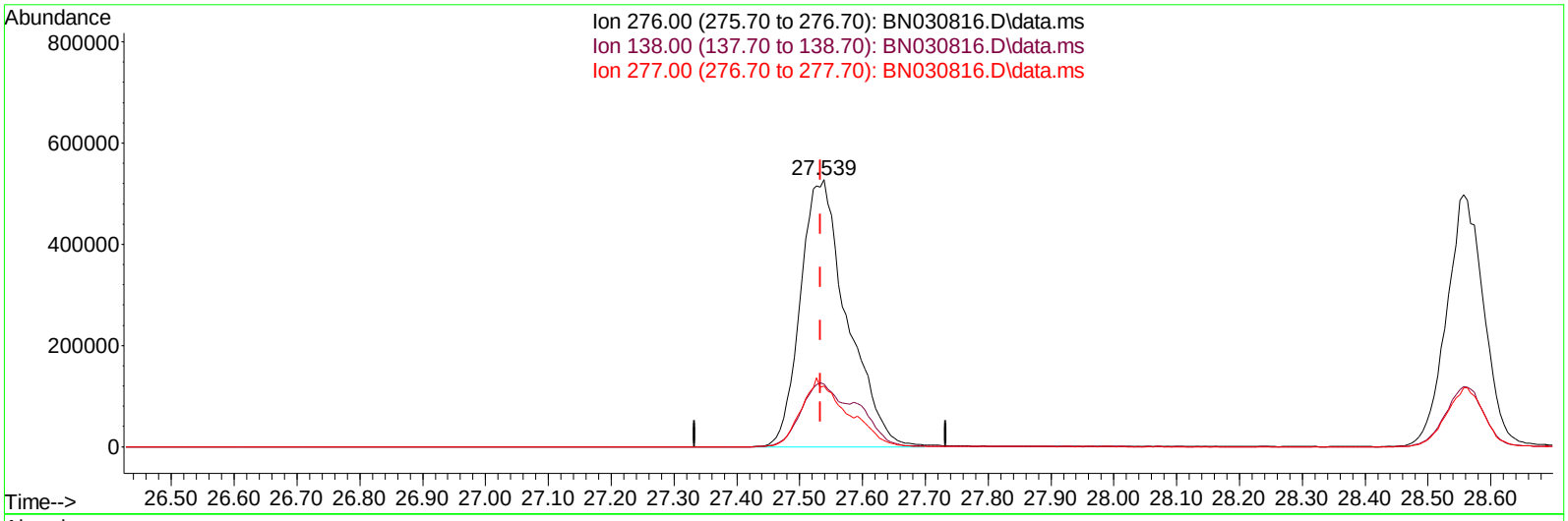

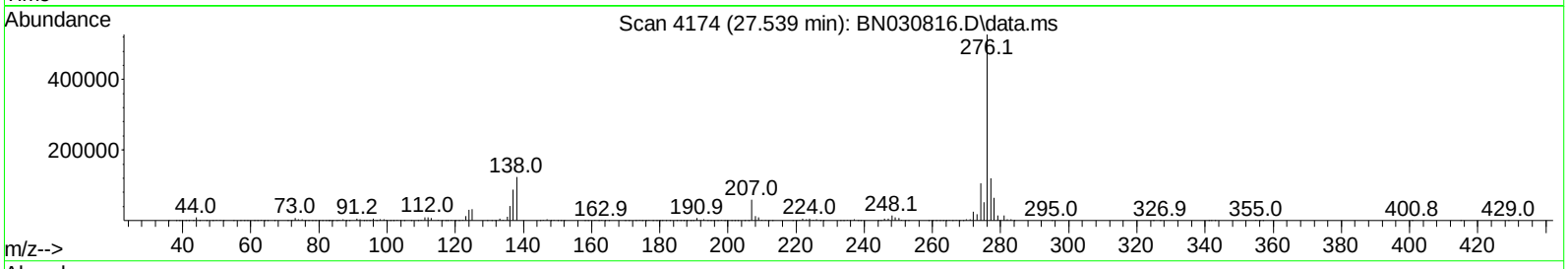

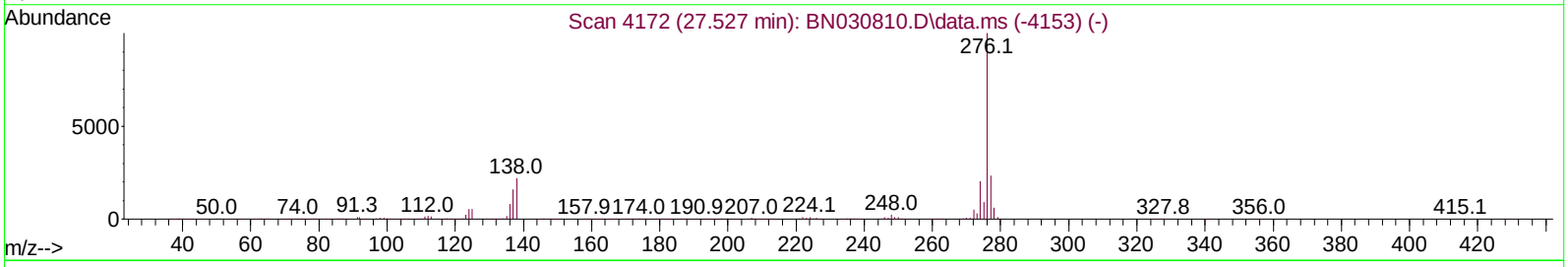

TIC: BN030816.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.539min (+ 0.006) 34.39 ng/ul m

response 2726952

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	23.48
277.00	23.00	22.74
0.00	0.00	0.00

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Acq On : 10 Apr 2024 14:26
Operator : MA/JU
Sample : PB159989BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 10 16:58:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	179118	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	840468	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	588233	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1265302	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1242642	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1319297	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	30086	7.875	ng/uL	0.00
4) Pyridine-d5	3.593	84	360390	31.463	ng/ul	0.00
7) Phenol-d5	6.852	99	487268	33.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	287703	32.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	382852	34.830	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	402496	33.144	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	197081	33.803	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	198821	37.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	413969	35.453	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	573530	29.835	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1320406	33.621	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1516160	33.576	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	256325	34.121	ng/ul	0.00
60) Fluorene-d10	15.322	176	1150068	33.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	186577	33.407	ng/ul	0.00
73) Anthracene-d10	17.169	188	1826255	33.499	ng/ul	0.00
81) Pyrene-d10	19.469	212	2229763	33.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2151060	35.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	41413	10.120	ng/uL	97
5) Pyridine	3.611	79	354133	30.639	ng/ul	99
6) Benzaldehyde	6.828	77	270160	40.037	ng/ul	97
8) Phenol	6.875	94	504042	33.392	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.110	93	385593	31.325	ng/ul	99
12) 2-Chlorophenol	7.246	128	399332	33.866	ng/ul	98
13) 2-Methylphenol	8.122	108	374883	32.229	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	510637	29.461	ng/ul	99
16) Acetophenone	8.499	105	612386	31.939	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.487	70	304223	31.503	ng/ul	96
18) 4-Methylphenol	8.446	108	438057	33.641	ng/ul	99
19) Hexachloroethane	8.746	117	155139	31.381	ng/ul	99
22) Nitrobenzene	8.875	77	452917	31.823	ng/ul	99
23) Isophorone	9.399	82	885198	31.187	ng/ul	99
25) 2-Nitrophenol	9.581	139	224216	35.769	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	401381	28.810	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.887	93	560744	31.072	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	413086	34.660	ng/ul	98
30) Naphthalene	10.510	128	1367038	31.713	ng/ul	100
32) 4-Chloroaniline	10.628	127	547389	29.547	ng/ul	100
33) Hexachlorobutadiene	10.793	225	225893	30.111	ng/ul	96
34) Caprolactam	11.410	113	143479m	32.225	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	466552	34.756	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	980801	32.581	ng/ul	96
37) 1-Methylnaphthalene	12.351	142	982142	32.139	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	495925	32.668	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	212102	24.603	ng/ul	96
41) 2,4,6-Trichlorophenol	12.745	196	334246	35.235	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	362832	33.868	ng/ul	95
43) 1,1'-Biphenyl	13.151	154	1292479	32.236	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	998530	31.637	ng/ul	98
45) 2-Nitroaniline	13.404	65	294869	35.106	ng/ul	99
47) Dimethylphthalate	13.787	163	1287866	31.745	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	263073	34.975	ng/ul	98
50) Acenaphthylene	14.045	152	1667799	31.966	ng/ul	99
51) 3-Nitroaniline	14.240	138	302457	37.884	ng/ul	98
52) Acenaphthene	14.387	153	1085998	31.235	ng/ul	97
53) 2,4-Dinitrophenol	14.440	184	112488	32.560	ng/ul	91
55) 4-Nitrophenol	14.545	109	199572	33.532	ng/ul	95
56) Dibenzofuran	14.722	168	1568993	32.464	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	396482	36.104	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	322256	36.219	ng/ul	97
59) Diethylphthalate	15.157	149	1343929	32.608	ng/ul	99
61) Fluorene	15.375	166	1239639	32.269	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	586280	31.107	ng/ul	94
63) 4-Nitroaniline	15.404	138	326127	42.017	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	208195	34.693	ng/ul	96
67) N-Nitrosodiphenylamine	15.586	169	1126947	32.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	379556	31.590	ng/ul	96
69) Hexachlorobenzene	16.369	284	429292	30.343	ng/ul	97
70) Atrazine	16.545	200	370090	30.986	ng/ul	95
71) Pentachlorophenol	16.716	266	290441	34.818	ng/ul	95
72) Phenanthrene	17.116	178	2123959	32.672	ng/ul	100
74) Anthracene	17.204	178	2121681	32.285	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	499798	32.152	ng/uL	98
76) Pentachlorobenzene	14.634	250	489482	31.001	ng/uL	97
77) Carbazole	17.481	167	2048638	35.547	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2440936	34.718	ng/ul	100
80) Fluoranthene	19.133	202	2551360	32.125	ng/ul	97
82) Pyrene	19.504	202	2696597	32.150	ng/ul	97
83) Butylbenzylphthalate	20.410	149	1149399	35.884	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	788076	34.515	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2695193	32.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1632826	34.567	ng/ul	98
87) Chrysene	21.357	228	2593415	33.131	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	2969200	35.539	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2601595	33.507	ng/ul	96
91) Benzo(k)fluoranthene	23.374	252	2652645	33.641	ng/ul	98
93) Benzo(a)pyrene	24.104	252	2209759	30.128	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.539	276	2726952m	34.395	ng/ul	
95) Dibenzo(a,h)anthracene	27.598	278	2208959	33.095	ng/ul	95
96) Benzo(g,h,i)perylene	28.556	276	2074759	33.333	ng/ul	98

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

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