Quantitation Report (Qedit)

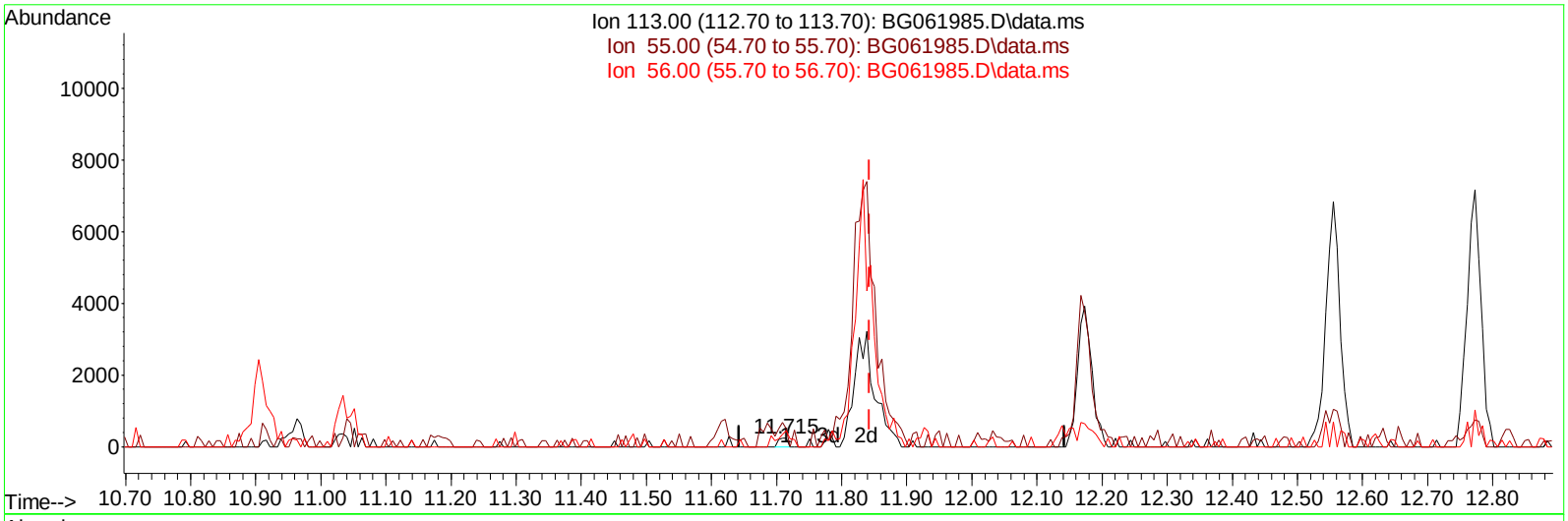
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061985.D
Acq On : 9 Jul 2024 22:48
Operator : MA/JU
Sample : P3138-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

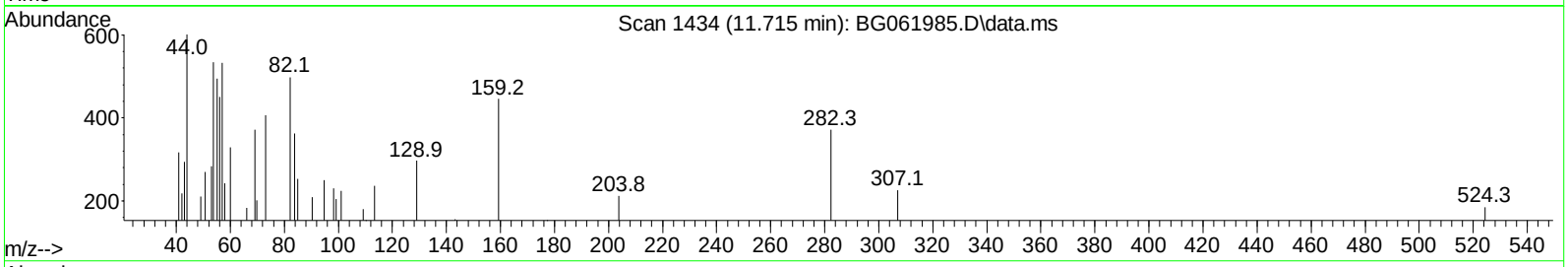
Quant Time: Jul 09 23:57:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

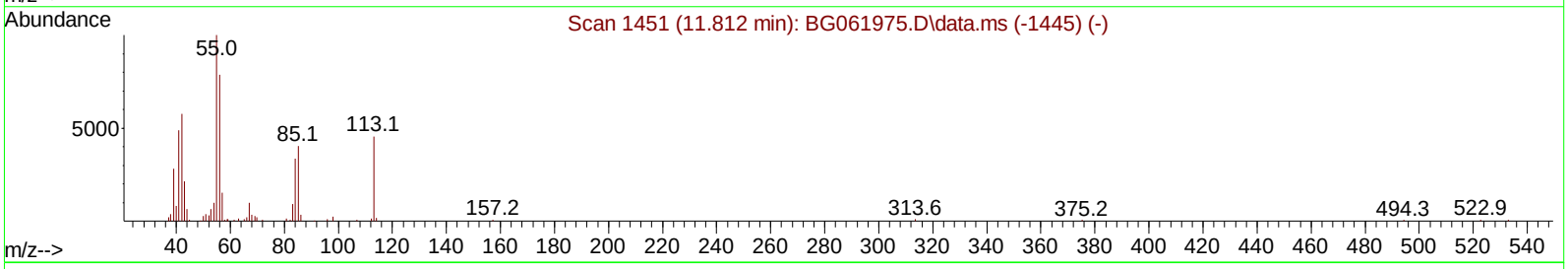
Instrument :
BNA_G
ClientSampleId :
YDZF8MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024







TIC: BG061985.D\data.ms

(34) Caprolactam

11.715min (-0.127) 0.20 ng/ul

response 239

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	208.86
56.00	168.80	190.30
0.00	0.00	0.00

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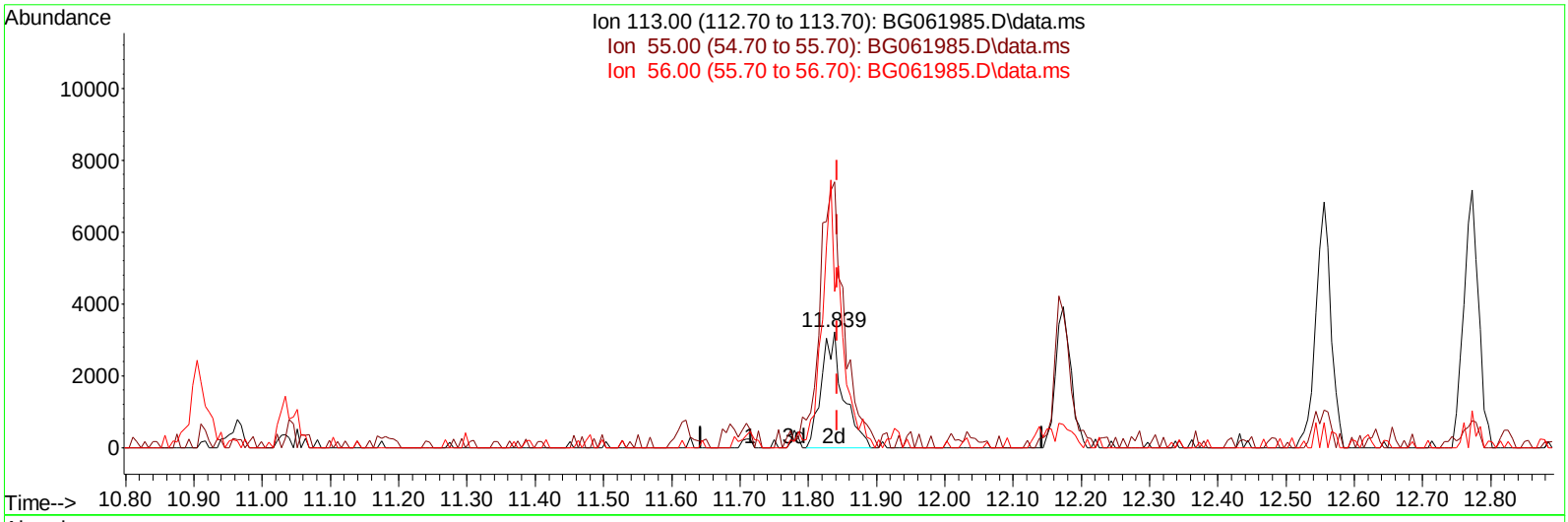

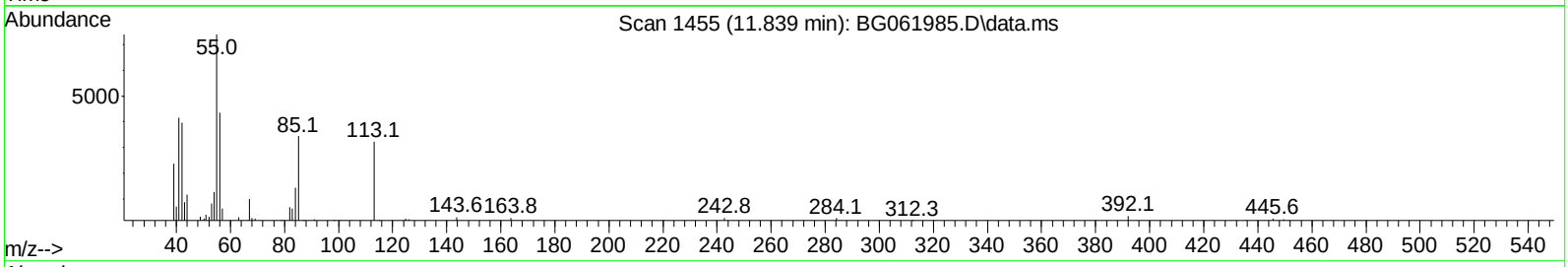

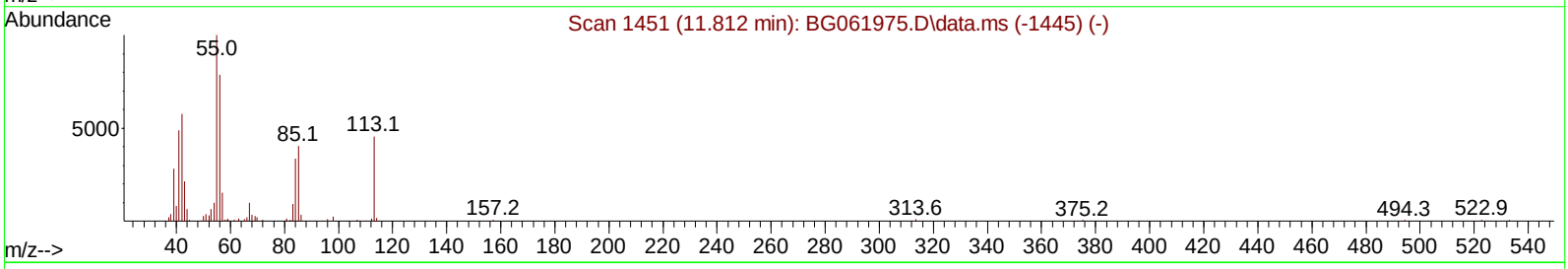

TIC: BG061985.D\data.ms

(34) Caprolactam

11.839min (-0.004) 6.03 ng/ul m

response 7160

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	229.54
56.00	168.80	134.81#
0.00	0.00	0.00

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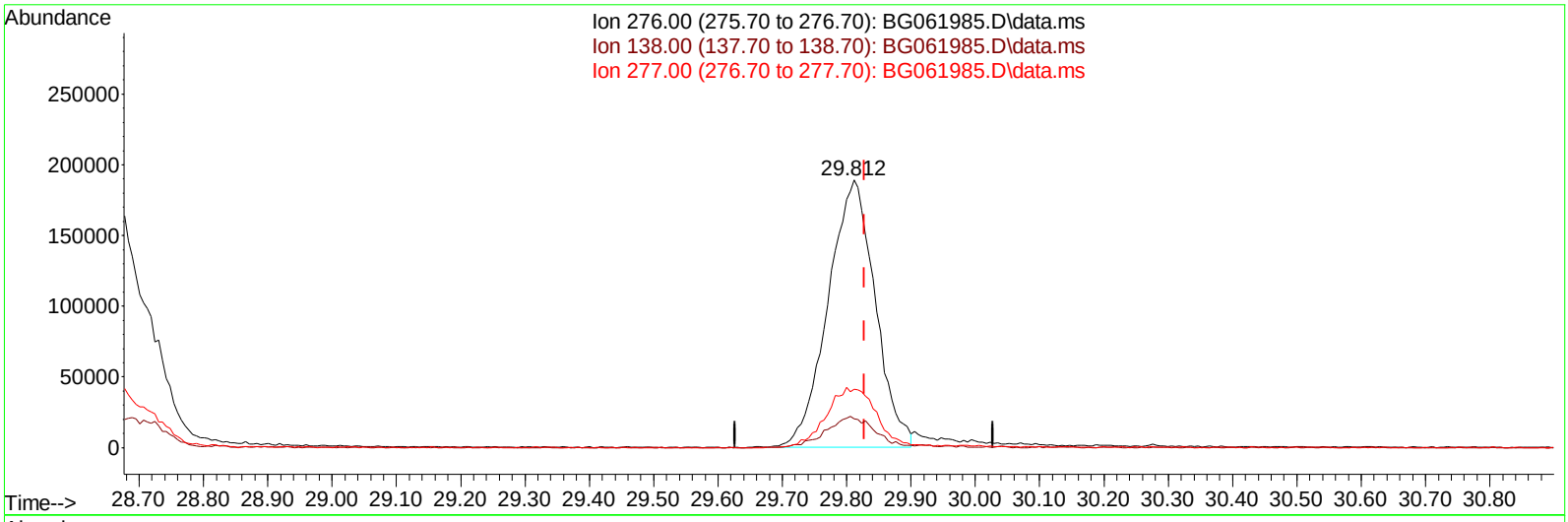

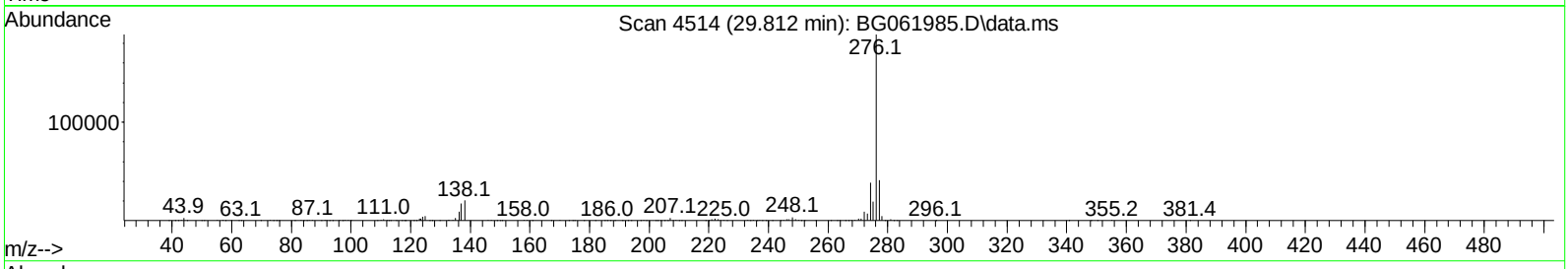

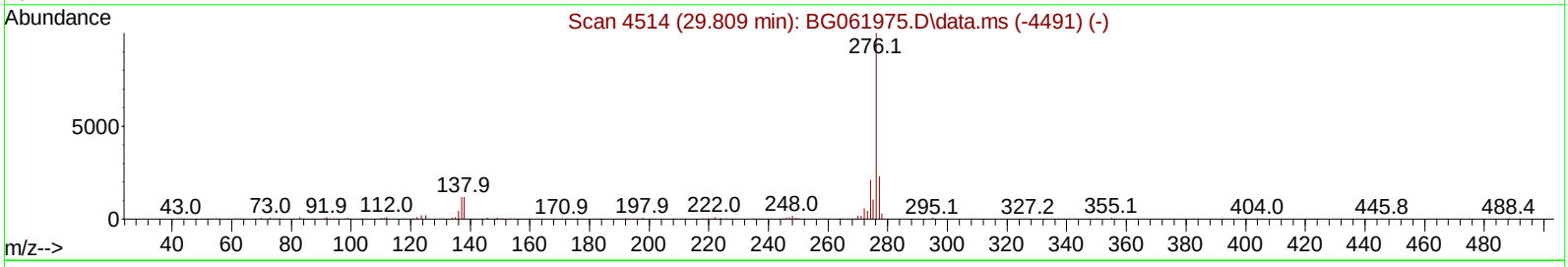

TIC: BG061985.D\data.ms

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

29.812min (-0.016) 44.59 ng/ul

response 960882

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	10.77#
277.00	23.50	21.77
0.00	0.00	0.00

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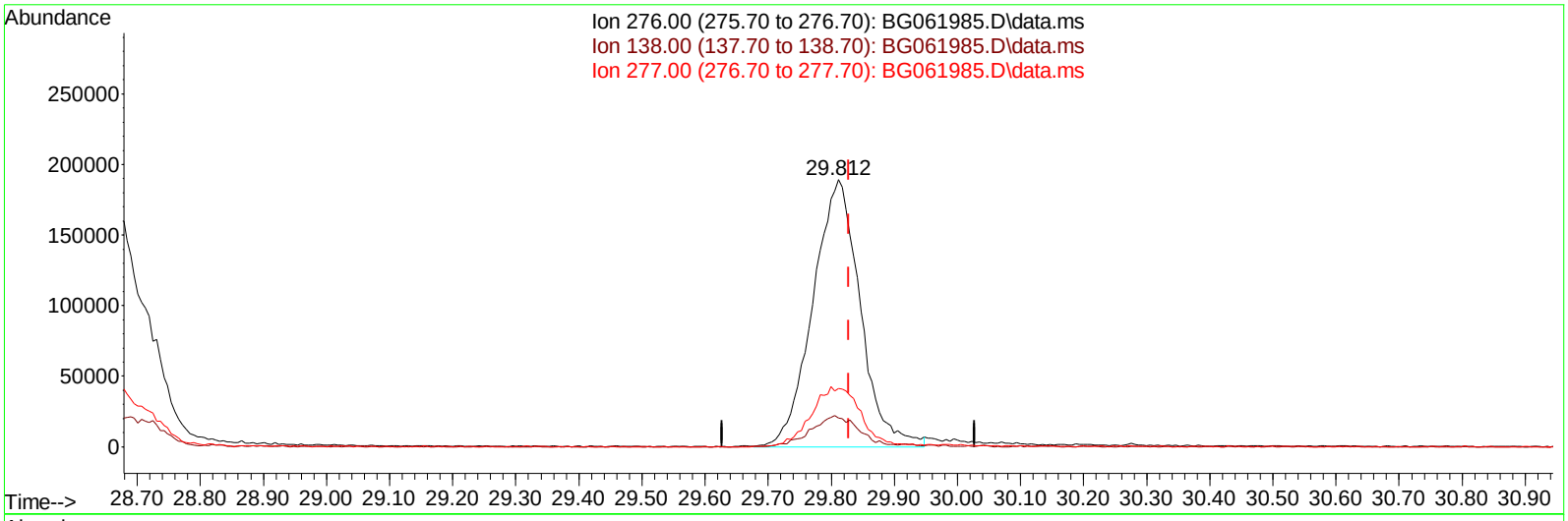

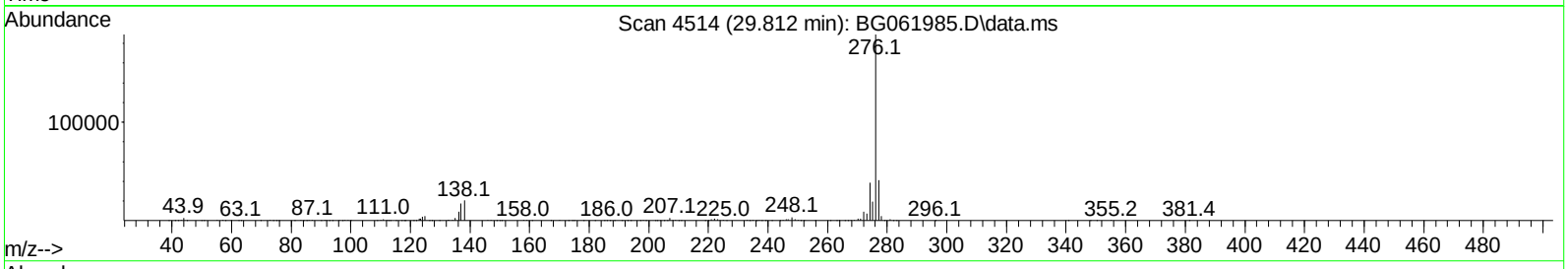

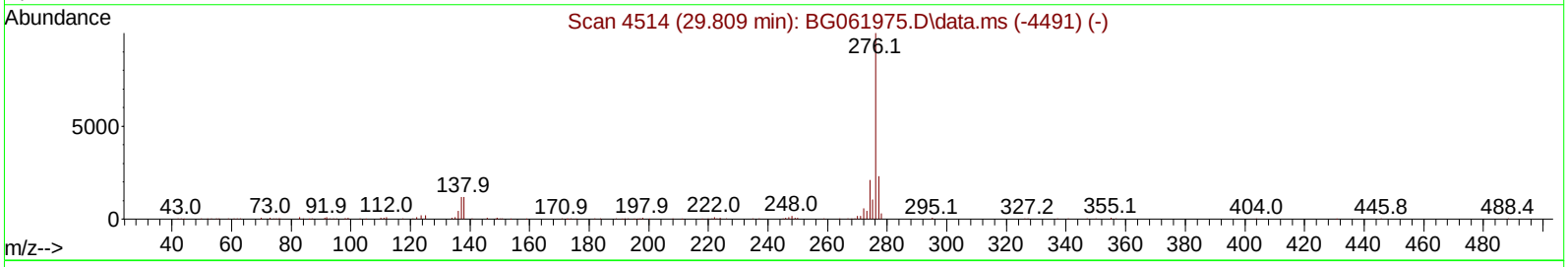

TIC: BG061985.D\data.ms

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

29.812min (-0.016) 45.77 ng/ul m

response 986190

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	10.77#
277.00	23.50	21.77
0.00	0.00	0.00

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Quant Time: Jul 10 00:18:09 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	36620	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	192502	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	144894	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.455	188	330322	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	292806	20.000	ng/ul	# 0.00
88) Perylene-d12	24.953	264	355265	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.484	96	3838	3.938	ng/uL	0.00
4) Pyridine-d5	3.901	84	21141	7.056	ng/ul	0.00
7) Phenol-d5	7.244	99	37343	9.318	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.414	67	75107	29.595	ng/ul	0.00
11) 2-Chlorophenol-d4	7.626	132	82993	30.191	ng/ul	0.00
15) 4-Methylphenol-d8	8.795	113	72935	23.115	ng/ul	0.00
21) Nitrobenzene-d5	9.259	128	50189	34.281	ng/ul	0.00
24) 2-Nitrophenol-d4	9.982	143	63420	37.933	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	120264	37.293	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	105730	22.583	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	469191	39.387	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	479430	38.490	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	20925	11.000	ng/ul	0.00
60) Fluorene-d10	15.705	176	410197	40.904	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	88851	51.217	ng/ul	0.00
73) Anthracene-d10	17.555	188	638444	41.398	ng/ul	0.00
81) Pyrene-d10	19.835	212	713801	41.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.735	264	763446	43.330	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.513	88	6496	6.039	ng/uL#	79
5) Pyridine	3.924	79	26056	8.479	ng/ul	95
6) Benzaldehyde	7.226	77	52292	24.654	ng/ul	85
8) Phenol	7.273	94	46891	11.428	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.508	93	105469	33.461	ng/ul	91
12) 2-Chlorophenol	7.655	128	92770	33.125	ng/ul#	87
13) 2-Methylphenol	8.531	108	85169	29.083	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.619	45	217102	31.527	ng/ul#	98
16) Acetophenone	8.918	105	194153	37.250	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.895	70	100295	34.372	ng/ul#	83
18) 4-Methylphenol	8.860	108	85782	26.157	ng/ul	96
19) Hexachloroethane	9.177	117	44604	36.713	ng/ul#	80
22) Nitrobenzene	9.300	77	174875	42.080	ng/ul	94
23) Isophorone	9.823	82	315272	33.580	ng/ul#	96
25) 2-Nitrophenol	10.017	139	68366	40.097	ng/ul	94
26) 2,4-Dimethylphenol	10.064	107	132929	32.576	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.305	93	174213	33.695	ng/ul	98
29) 2,4-Dichlorophenol	10.552	162	123450	40.753	ng/ul	93
30) Naphthalene	10.957	128	400204	37.847	ng/ul	98
32) 4-Chloroaniline	11.063	127	102985	22.417	ng/ul	95
33) Hexachlorobutadiene	11.227	225	91634	40.198	ng/ul	93
34) Caprolactam	11.839	113	7160m	6.033	ng/ul	
35) 4-Chloro-3-methylphenol	12.173	107	177667	44.038	ng/ul	91

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YDZF8MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.555	142	309626	40.417	ng/ul	96
37) 1-Methylnaphthalene	12.773	142	318705	40.033	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.914	216	182985	42.054	ng/ul	97
40) Hexachlorocyclopentadiene	12.890	237	76980	26.576	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.155	196	123627	42.777	ng/ul	93
42) 2,4,5-Trichlorophenol	13.225	196	146717	46.214	ng/ul	87
43) 1,1'-Biphenyl	13.554	154	442180	39.608	ng/ul	99
44) 2-Chloronaphthalene	13.601	162	332637	39.700	ng/ul	93
45) 2-Nitroaniline	13.801	65	162766	48.510	ng/ul	96
47) Dimethylphthalate	14.165	163	495175	43.217	ng/ul	98
48) 2,6-Dinitrotoluene	14.294	165	110615	50.890	ng/ul	98
50) Acenaphthylene	14.441	152	561681	41.086	ng/ul	99
51) 3-Nitroaniline	14.618	138	60920	28.793	ng/ul	90
52) Acenaphthene	14.782	153	388730	41.180	ng/ul	99
53) 2,4-Dinitrophenol	14.823	184	63579	55.987	ng/ul#	89
55) 4-Nitrophenol	14.929	109	31948	14.715	ng/ul	89
56) Dibenzofuran	15.111	168	582897	43.690	ng/ul	96
57) 2,4-Dinitrotoluene	15.076	165	162665	51.029	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.334	232	136510	47.618	ng/ul	94
59) Diethylphthalate	15.522	149	530053	42.930	ng/ul	97
61) Fluorene	15.763	166	490336	43.216	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.752	204	254353	44.630	ng/ul	95
63) 4-Nitroaniline	15.787	138	68019	31.682	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.840	198	104282	55.855	ng/ul	98
67) N-Nitrosodiphenylamine	15.963	169	424475	47.055	ng/ul	97
68) 4-Bromophenyl-phenylether	16.645	248	180428	48.147	ng/ul	99
69) Hexachlorobenzene	16.756	284	218575	50.724	ng/ul	93
70) Atrazine	16.909	200	86859	24.391	ng/ul	96
71) Pentachlorophenol	17.103	266	113177	47.783	ng/ul	92
72) Phenanthrene	17.502	178	797129	45.767	ng/ul	98
74) Anthracene	17.591	178	799760	44.432	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.519	216	200587	48.893	ng/ul	97
76) Pentachlorobenzene	15.029	250	214656	45.874	ng/ul	96
77) Carbazole	17.861	167	710878	46.928	ng/ul	99
78) Di-n-butylphthalate	18.407	149	871677	44.820	ng/ul	98
80) Fluoranthene	19.500	202	920163	45.146	ng/ul	96
82) Pyrene	19.864	202	947938	45.024	ng/ul#	95
83) Butylbenzylphthalate	20.740	149	393733	44.560	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.609	252	148554	21.326	ng/ul	97
85) Benzo(a)anthracene	21.698	228	988280	46.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	549875	43.368	ng/ul	99
87) Chrysene	21.768	228	935953	47.160	ng/ul	100
89) Di-n-octyl phthalate	22.814	149	970624	44.720	ng/ul	100
90) Benzo(b)fluoranthene	23.924	252	1053318	47.059	ng/ul	98
91) Benzo(k)fluoranthene	23.995	252	1040318	46.609	ng/ul	98
93) Benzo(a)pyrene	24.806	252	886287	41.815	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.654	276	1328781	49.058	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.719	278	1074369	48.027	ng/ul	99
96) Benzo(g,h,i)perylene	29.812	276	986190m	45.767	ng/ul	

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

Instrument :
BNA_G
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