Quantitation Report (Qedit)

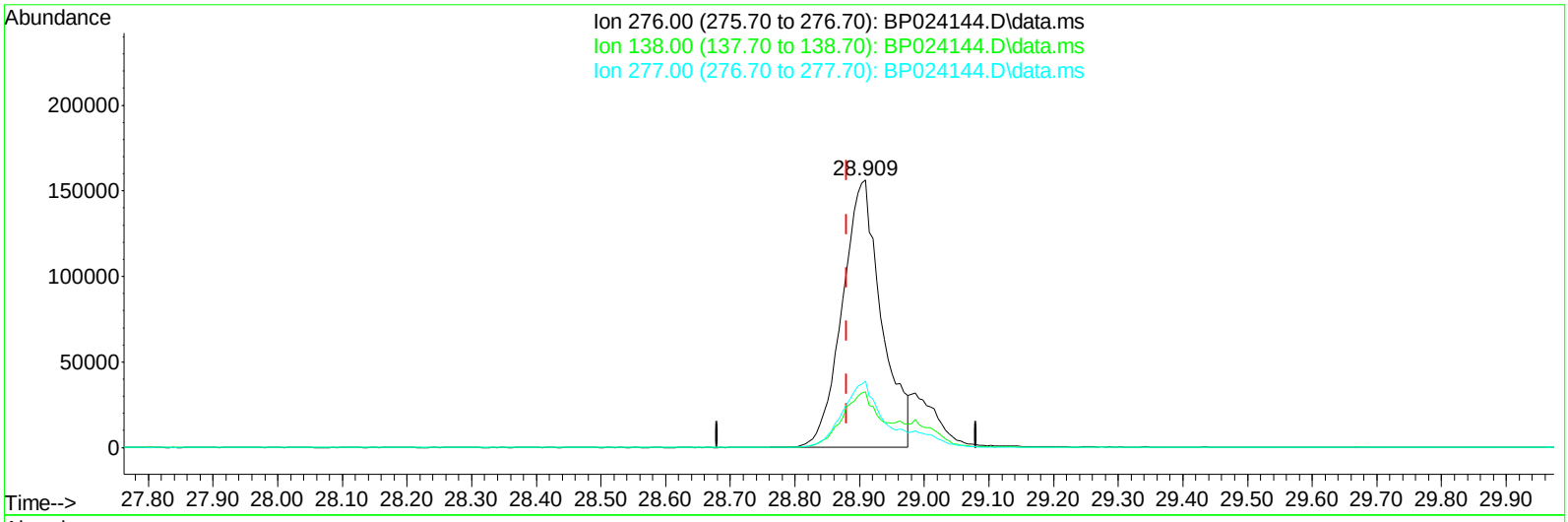
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
Data File : BP024144.D
Acq On : 04 Mar 2025 09:37
Operator : RC/JU
Sample : SSTD00585
Misc :
ALS Vial : 2 Sample Multiplier: 1

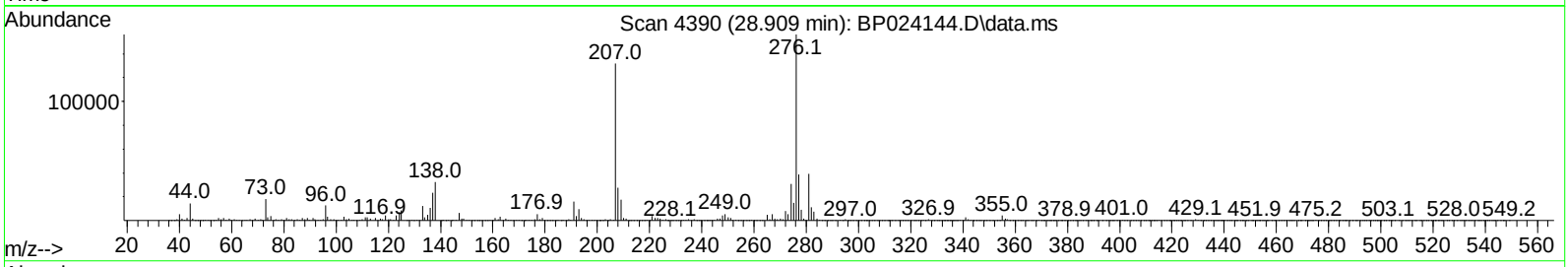
Quant Time: Mar 04 13:37:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 13:32:01 2025
Response via : Initial Calibration

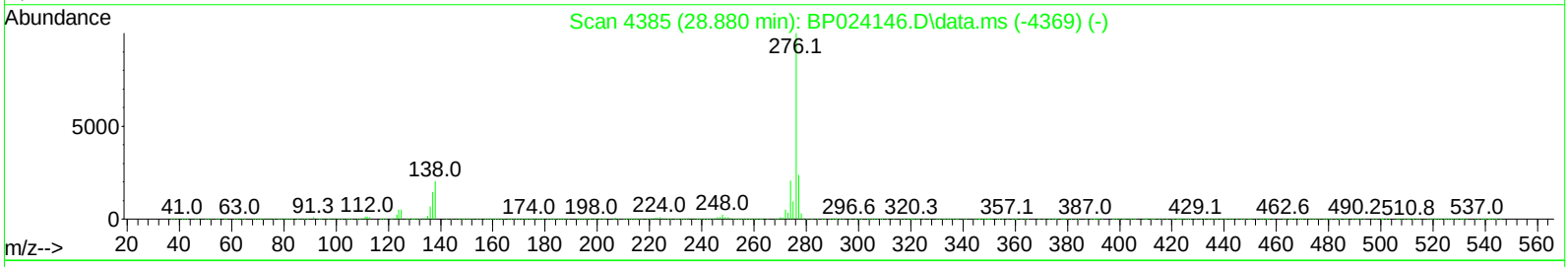
Instrument :
BNA_P
ClientSampleId :
SSTD005623

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025







TIC: BP024144.D\data.ms

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

28.909min (+ 0.029) 4.11 ng/ul

response 658915

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.85
277.00	23.60	24.81
0.00	0.00	0.00

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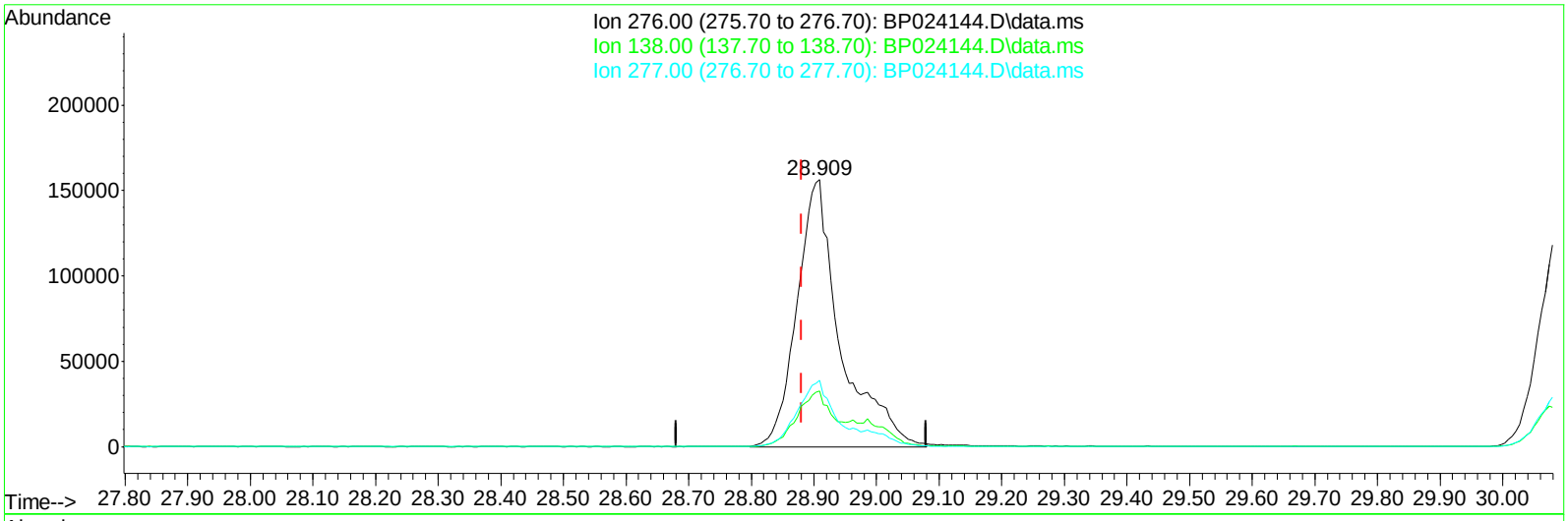

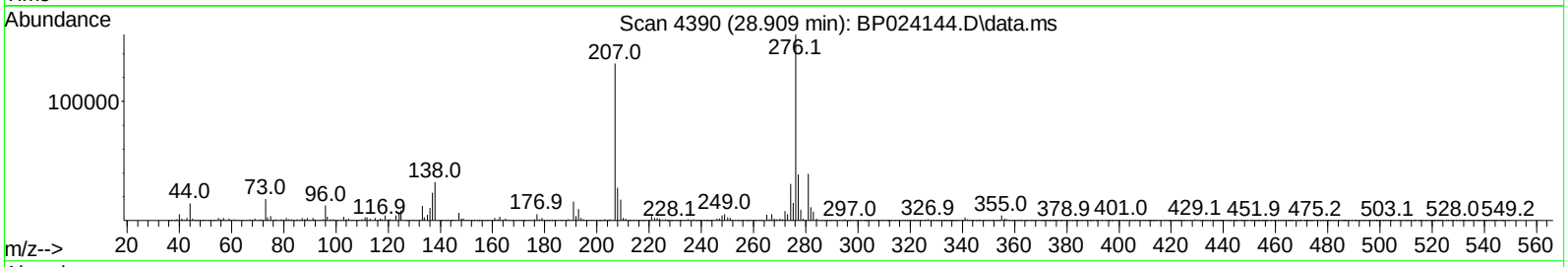

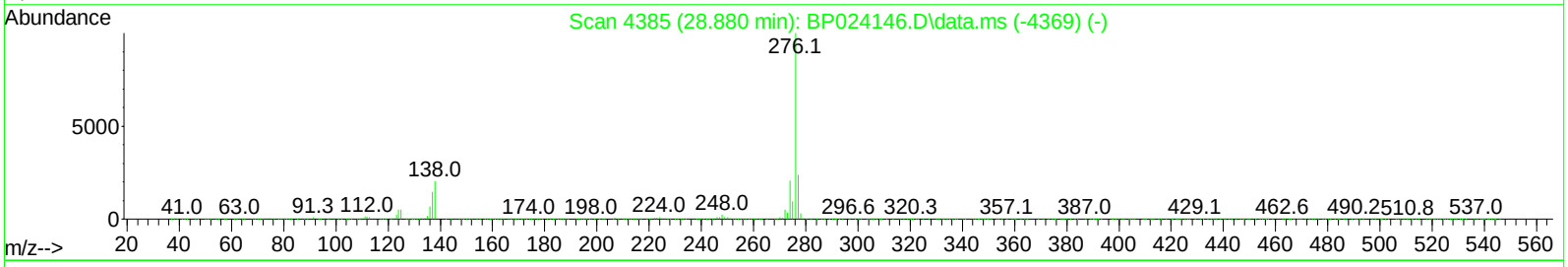

TIC: BP024144.D\data.ms

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

28.909min (+ 0.029) 4.69 ng/ul m

response 751754

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.85
277.00	23.60	24.81
0.00	0.00	0.00

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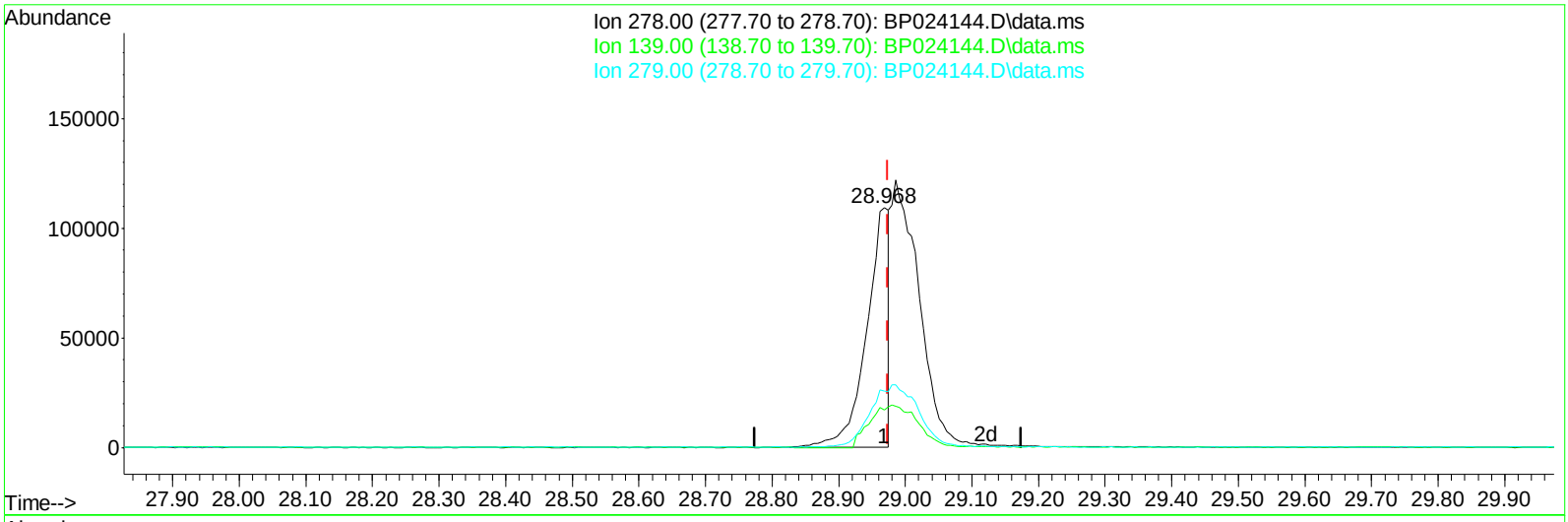

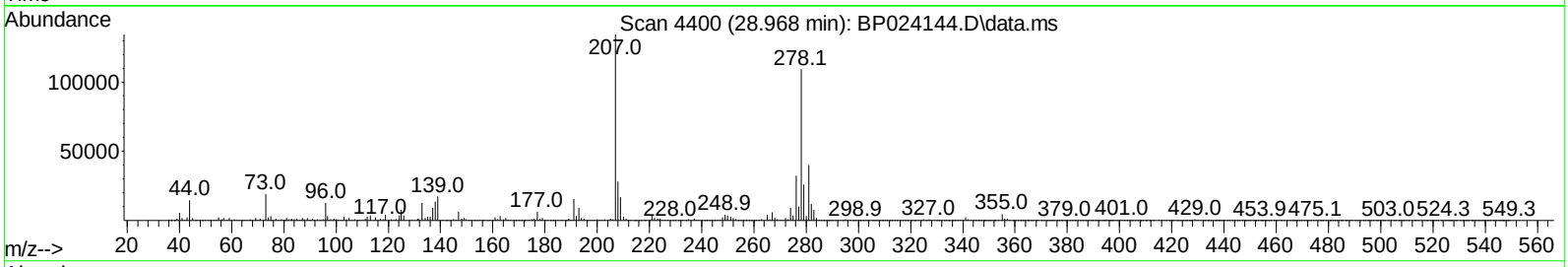

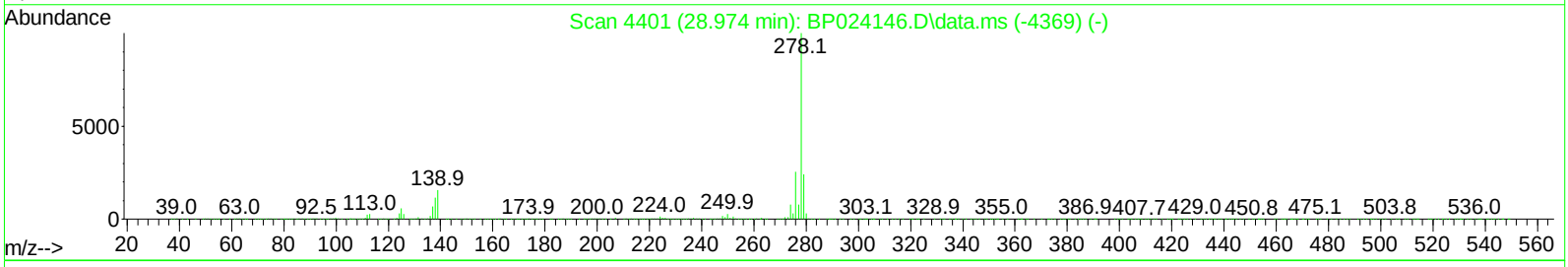

TIC: BP024144.D\data.ms

(95) Dibenzo(a,h)anthracene

28.968min (-0.006) 1.95 ng/ul

response 252959

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	15.71
279.00	24.20	23.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : SSTD00585
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 04 13:37:30 2025
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QLast Update : Tue Mar 04 13:32:01 2025
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Instrument :
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ClientSampleId :
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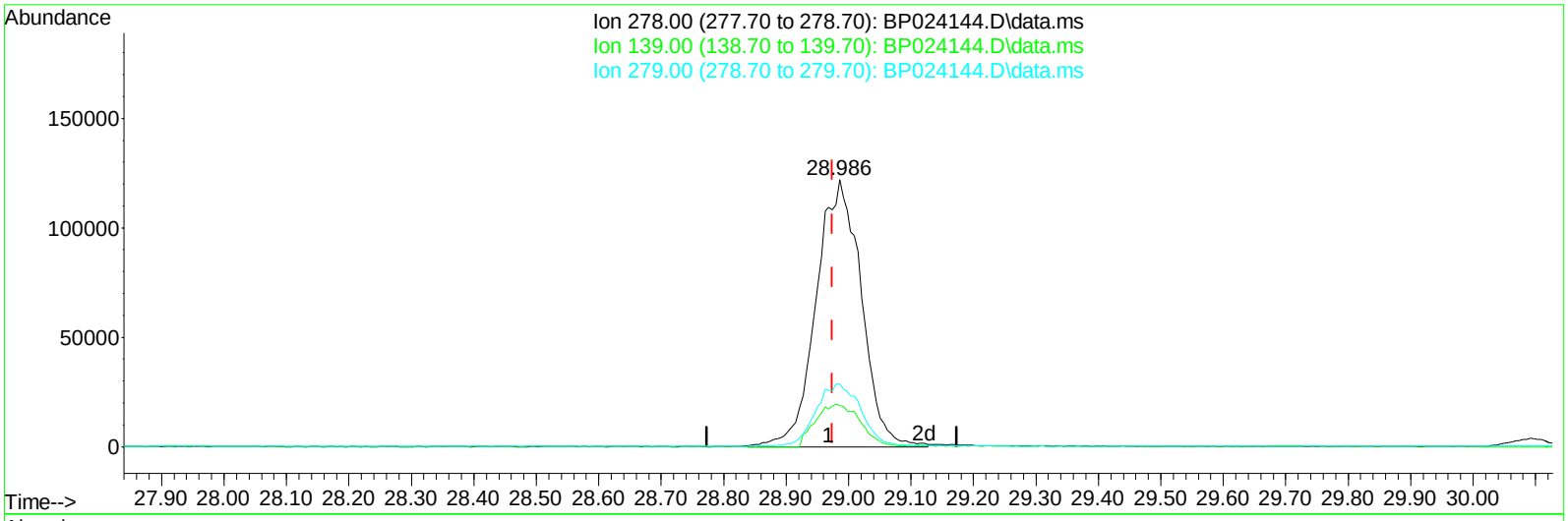

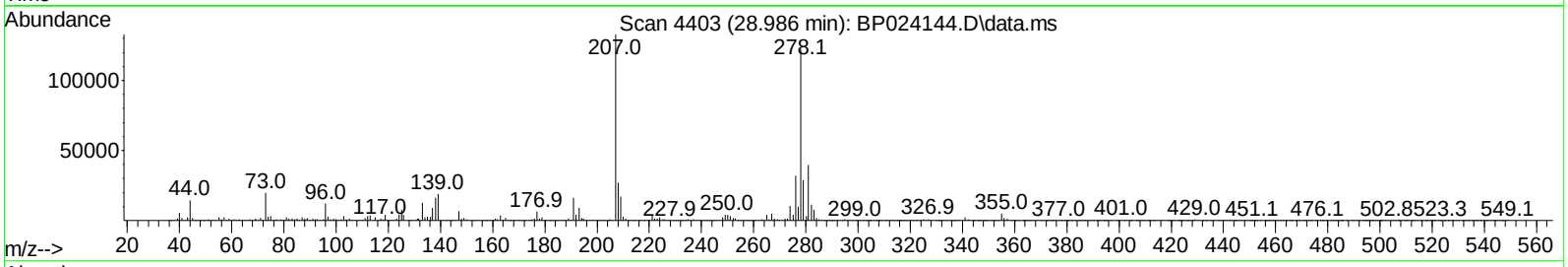

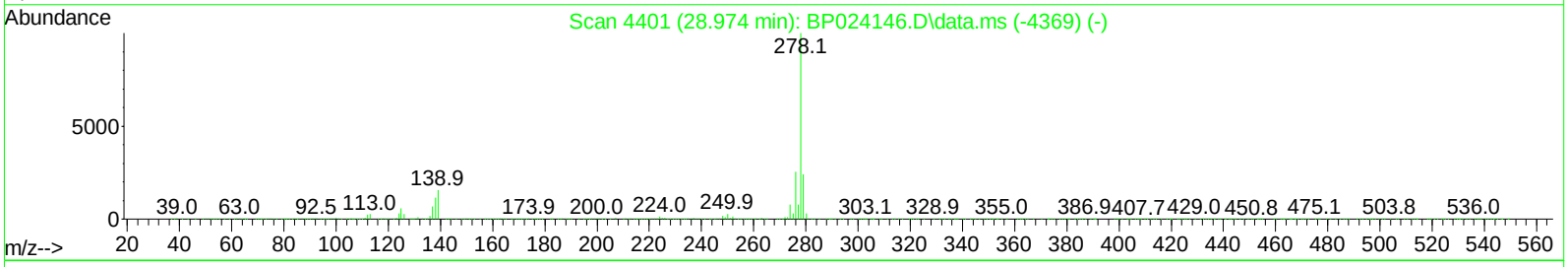

TIC: BP024144.D\data.ms

(95) Dibenzo(a,h)anthracene

28.986min (+ 0.012) 4.70 ng/ul m

response 610308

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	15.57
279.00	24.20	23.51
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/05/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	260825	20.00	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1059991	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.386	164	659913	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1399835	20.00	ng/ul	0.00
79) Chrysene-d12	21.657	240	1811012	20.00	ng/ul	0.00
88) Perylene-d12	25.057	264	2172340	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	12892	2.03	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.287	132	78732	4.34	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.893	128	37272	4.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	36089	3.95	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.157	165	67186	4.02	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.792	166	226253	4.62	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	249282	4.49	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.398	176	191821	4.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.304	188	316854	4.60	ng/ul	0.00
81) Pyrene-d10	19.680	212	393059	4.09	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.821	264	507021	4.48	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	13504	2.02	ng/uL	97
12) 2-Chlorophenol	7.322	128	83297	4.46	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.546	70	59934	4.47	ng/ul	98
19) Hexachloroethane	8.816	117	34706	4.68	ng/ul	98
22) Nitrobenzene	8.934	77	88862	4.77	ng/ul	97
23) Isophorone	9.457	82	160581	4.37	ng/ul	99
25) 2-Nitrophenol	9.646	139	41251	4.11	ng/ul	94
26) 2,4-Dimethylphenol	9.710	107	82047	4.48	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	105911	4.59	ng/ul	98
29) 2,4-Dichlorophenol	10.181	162	72221	4.26	ng/ul	99
30) Naphthalene	10.575	128	278439	4.90	ng/ul	99
33) Hexachlorobutadiene	10.863	225	46749	4.52	ng/ul	98
35) 4-Chloro-3-methylphenol	11.822	107	73102	4.07	ng/ul	95
36) 2-Methylnaphthalene	12.192	142	182944	4.63	ng/ul	95
37) 1-Methylnaphthalene	12.410	142	177479	4.53	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	93505	4.75	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	51643	3.98	ng/ul	98
42) 2,4,5-Trichlorophenol	12.887	196	57204	4.07	ng/ul	96
43) 1,1'-Biphenyl	13.210	154	242619	4.93	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	185865	4.85	ng/ul	99
45) 2-Nitroaniline	13.457	65	42402	4.24	ng/ul	95
47) Dimethylphthalate	13.839	163	228763	4.68	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	38378	4.02	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.104	152	285019	4.82	ng/ul	99
52)	Acenaphthene	14.457	153	204039	4.87	ng/ul	99
56)	Dibenzofuran	14.798	168	282983	4.86	ng/ul	98
57)	2,4-Dinitrotoluene	14.757	165	58894	4.14	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.028	232	46794	3.96	ng/ul	95
59)	Diethylphthalate	15.233	149	225104	4.58	ng/ul	100
61)	Fluorene	15.457	166	232214	4.83	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.457	204	113220	4.78	ng/ul	99
67)	N-Nitrosodiphenylamine	15.675	169	195522	4.56	ng/ul	98
68)	4-Bromophenyl-phenylether	16.369	248	67715	4.27	ng/ul	94
69)	Hexachlorobenzene	16.492	284	85992	4.50	ng/ul	98
72)	Phenanthrene	17.245	178	388764	4.91	ng/ul	99
74)	Anthracene	17.339	178	384891	4.81	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.181	216	92139	4.45	ng/uL	98
76)	Pentachlorobenzene	14.710	250	98177	4.44	ng/uL	99
78)	Di-n-butylphthalate	18.216	149	372270	4.28	ng/ul	99
80)	Fluoranthene	19.333	202	463342	4.18	ng/ul	99
82)	Pyrene	19.710	202	524048	4.53	ng/ul	98
83)	Butylbenzylphthalate	20.657	149	187854	3.74	ng/ul	94
85)	Benzo(a)anthracene	21.639	228	566093	4.74	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.586	149	303743	4.11	ng/ul	99
87)	Chrysene	21.710	228	541849	4.91	ng/ul	99
90)	Benzo(b)fluoranthene	23.980	252	588938	4.49	ng/ul	100
91)	Benzo(k)fluoranthene	24.051	252	609591	4.61	ng/ul	99
93)	Benzo(a)pyrene	24.892	252	558946	4.56	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.909	276	751754m	4.69	ng/ul	
95)	Dibenzo(a,h)anthracene	28.986	278	610308m	4.70	ng/ul	
96)	Benzo(g,h,i)perylene	30.092	276	589548	4.81	ng/ul	98

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

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