Quantitation Report (Qedit)

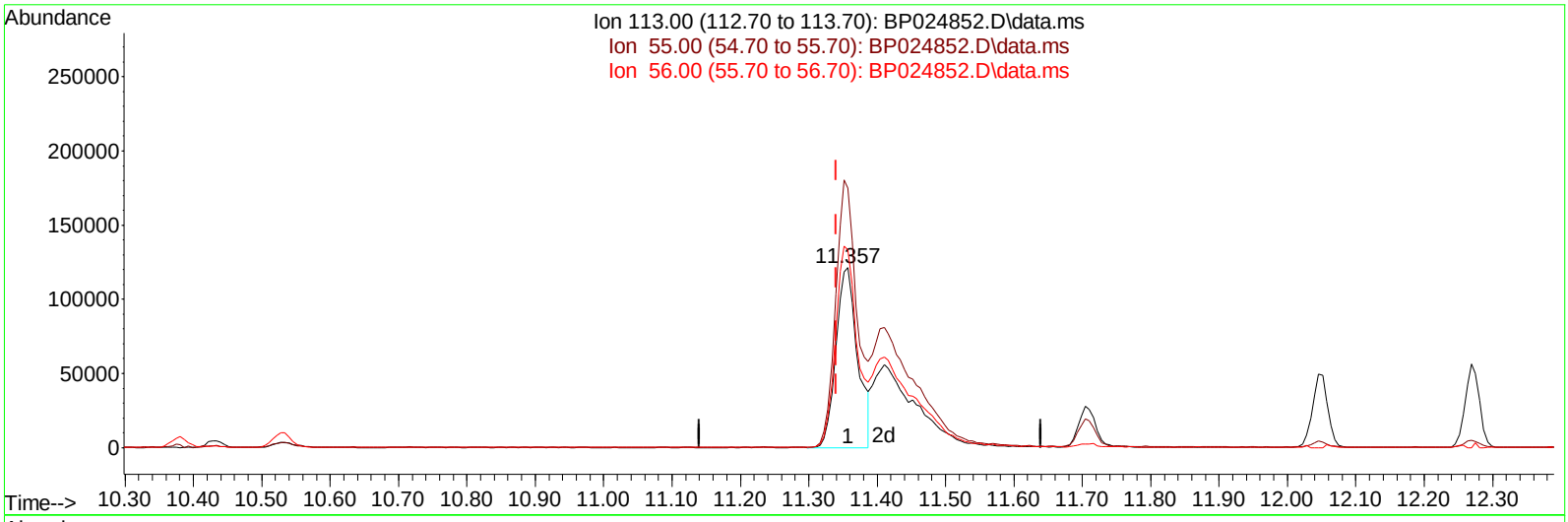
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024852.D
Acq On : 05 Jun 2025 13:11
Operator : RC/JU
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

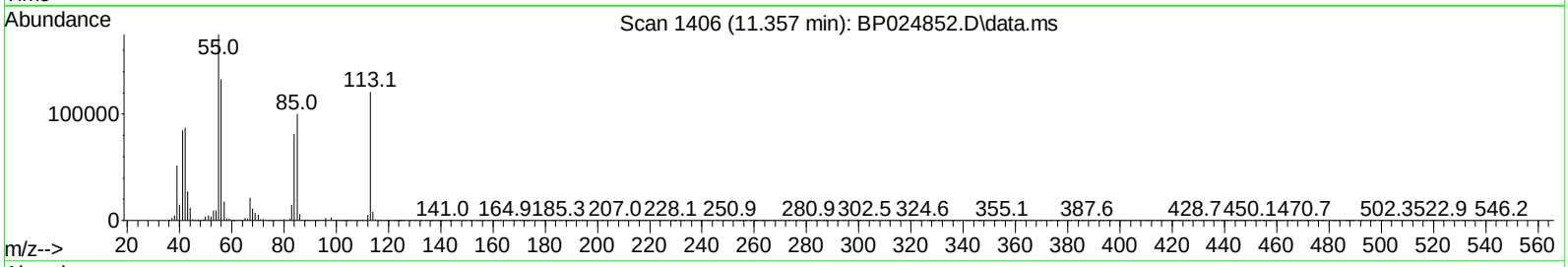
Quant Time: Jun 05 14:06:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 05 13:10:10 2025
Response via : Initial Calibration

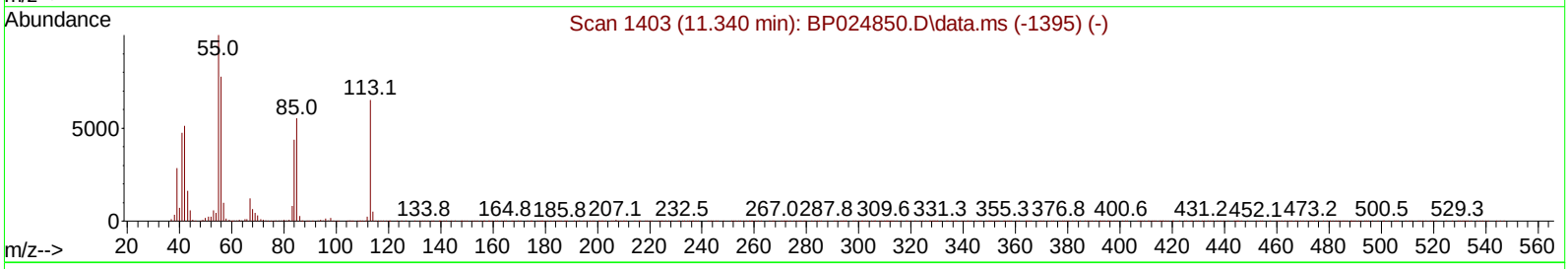
Instrument :
BNA_P
ClientSampleId :
SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025







TIC: BP024852.D\data.ms

(34) Caprolactam

11.357min (+ 0.018) 43.31 ng/ul

response 268319

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.10	144.32
56.00	119.30	109.83
0.00	0.00	0.00

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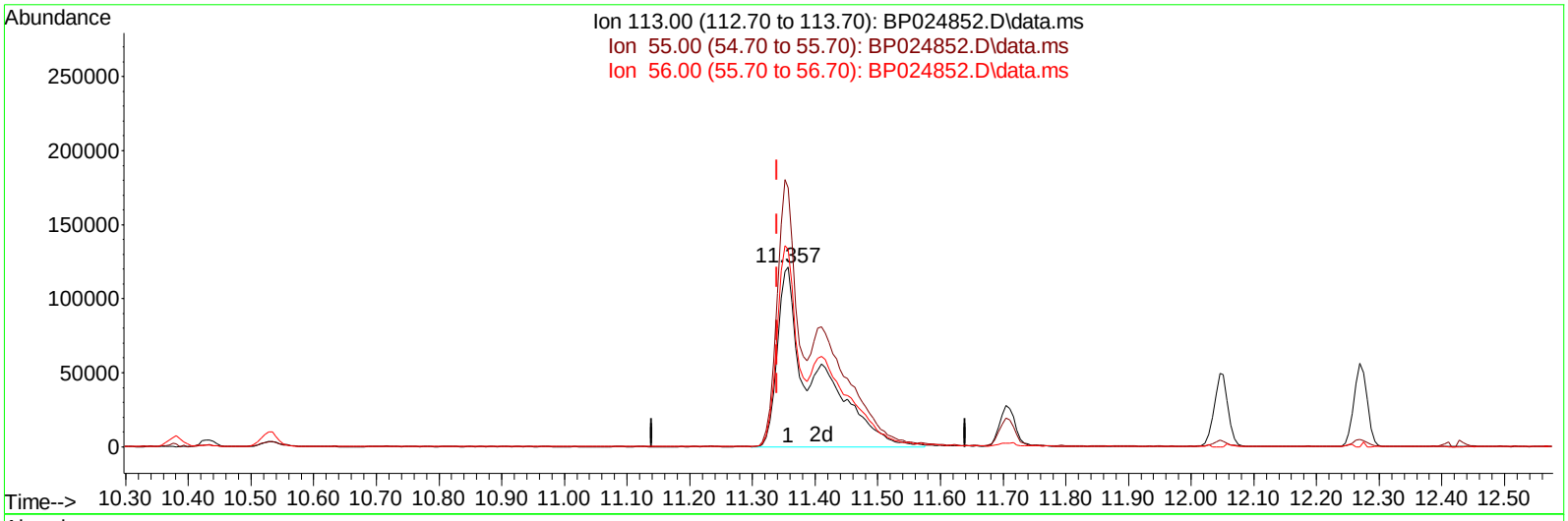

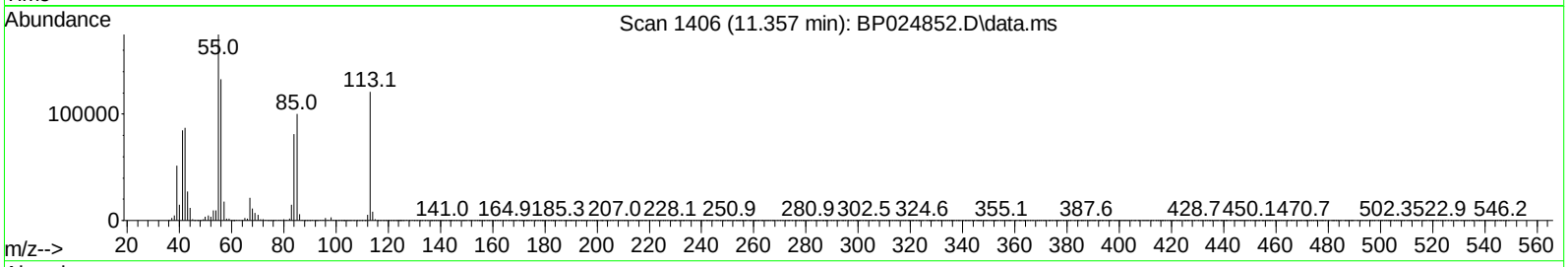

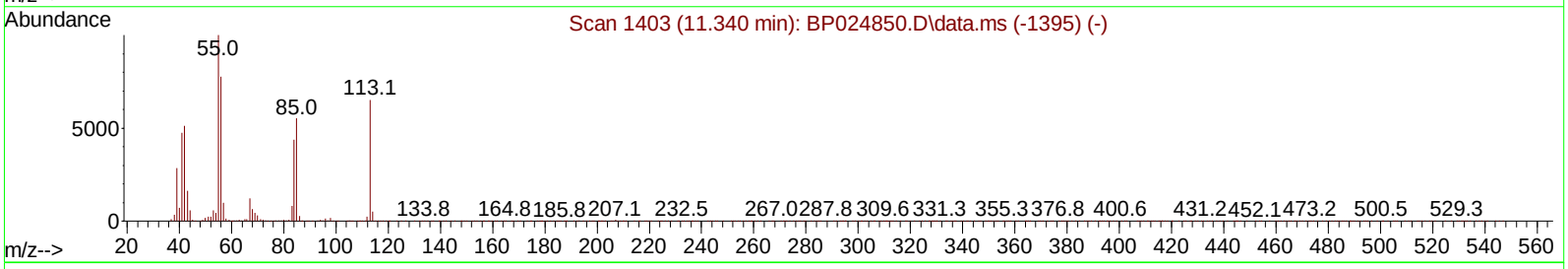

TIC: BP024852.D\data.ms

(34) Caprolactam

11.357min (+ 0.018) 82.07 ng/ul m

response 508422

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.10	144.32
56.00	119.30	109.83
0.00	0.00	0.00

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ClientSampleId :
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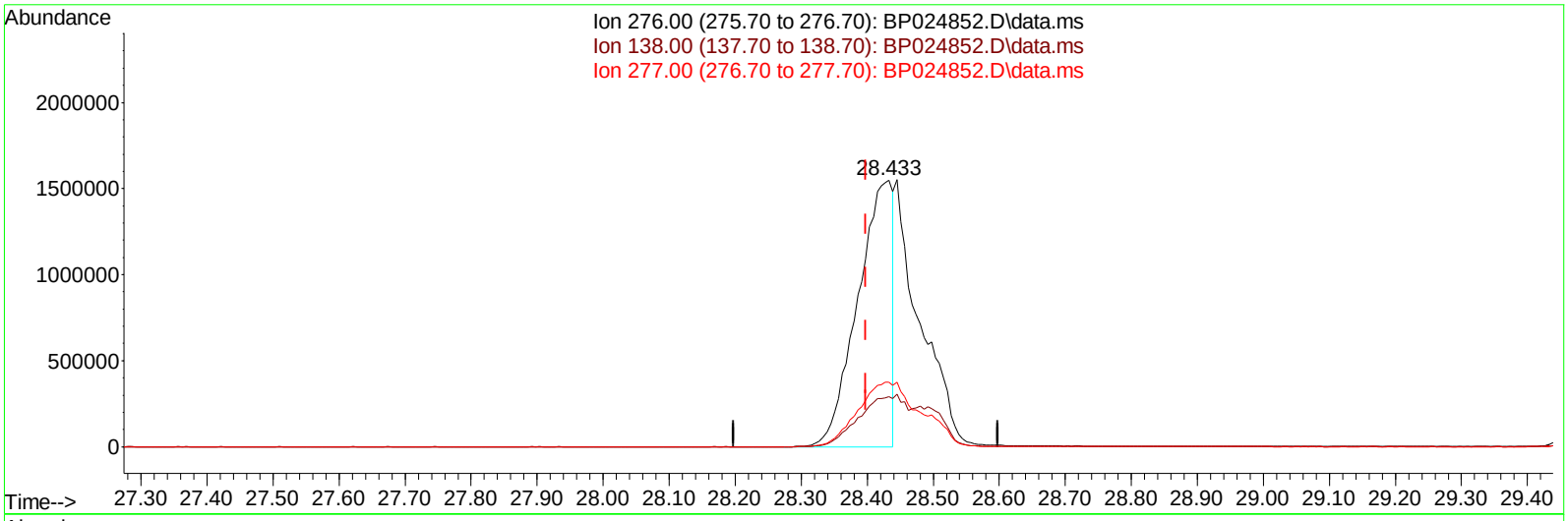

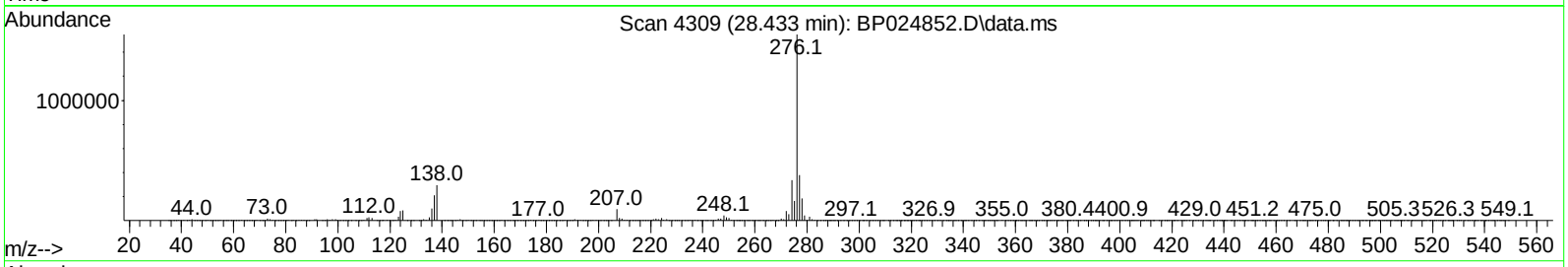

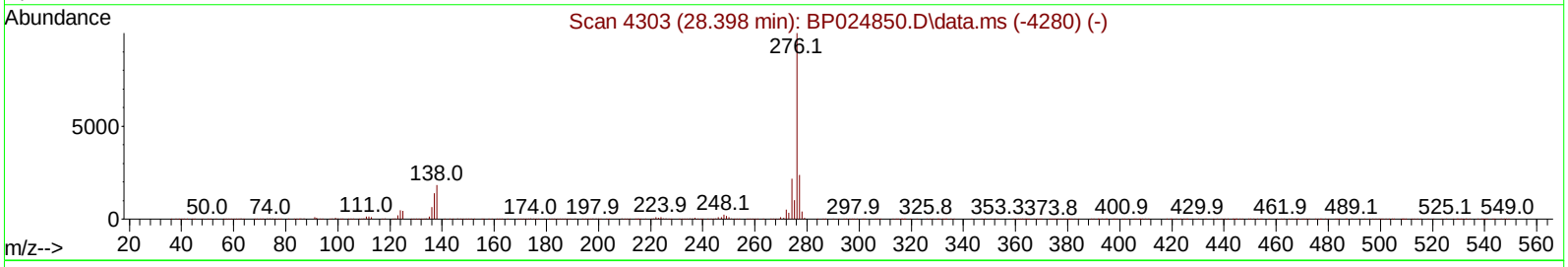

TIC: BP024852.D\data.ms

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

28.433min (+ 0.035) 47.84 ng/ul

response 5722438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.30	18.85
277.00	23.70	24.26
0.00	0.00	0.00

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Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 14:06:42 2025
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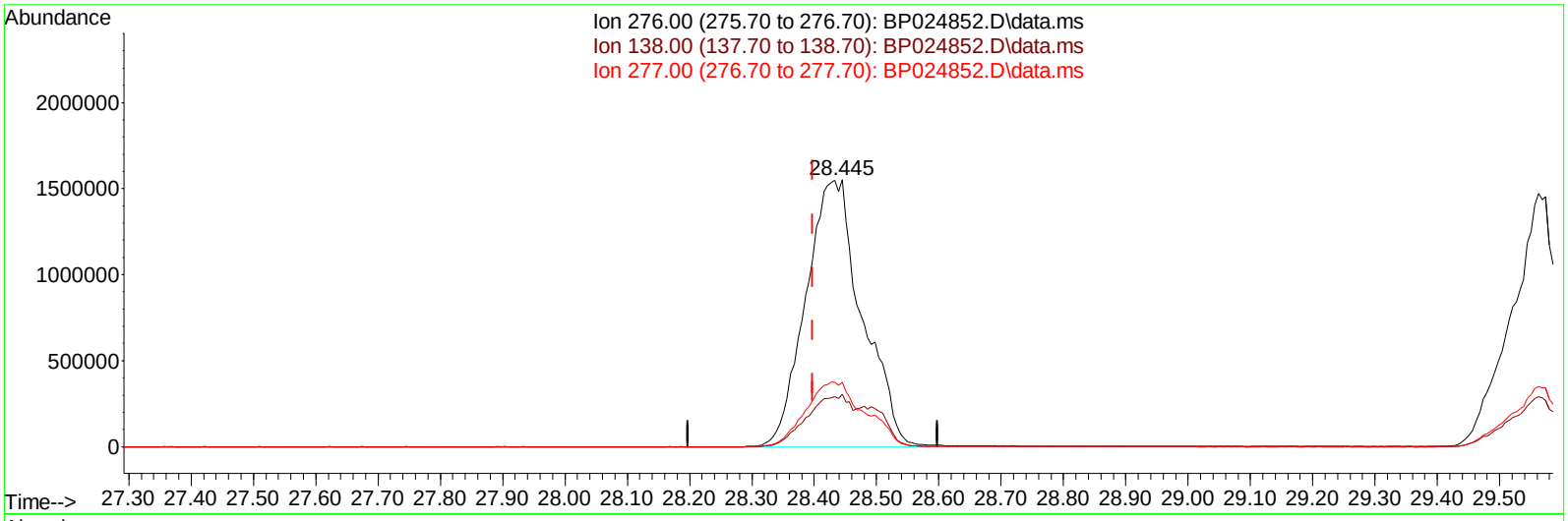

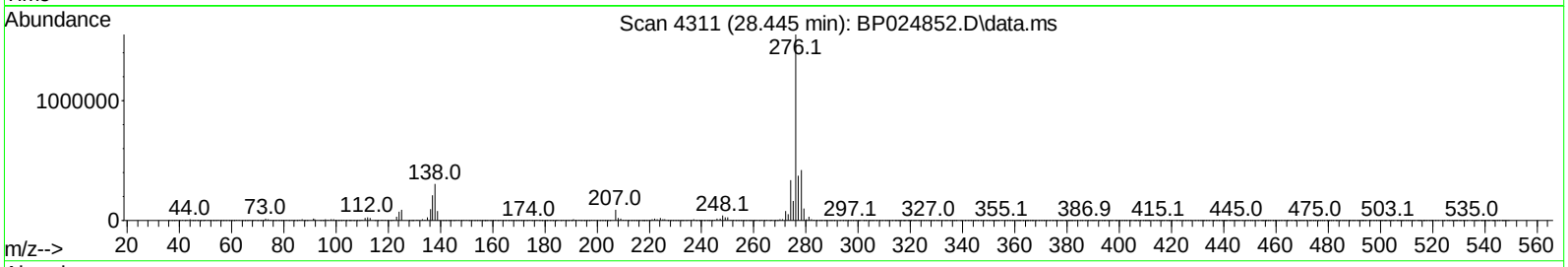

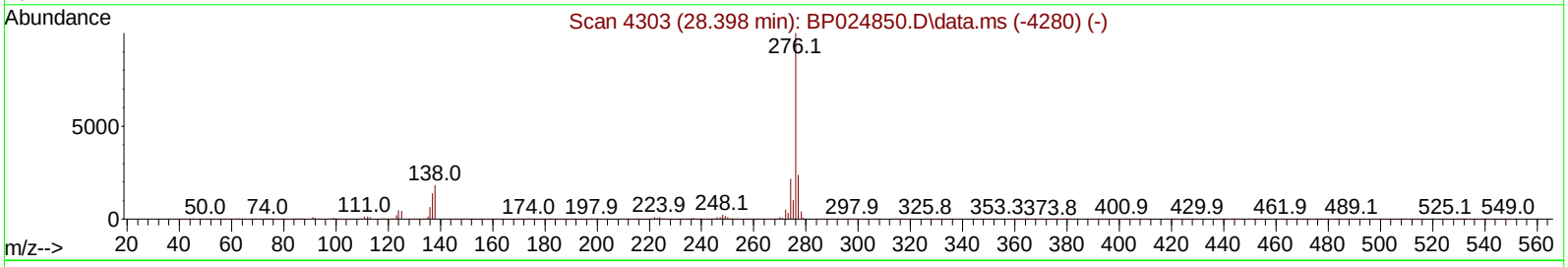

TIC: BP024852.D\data.ms

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

28.445min (+ 0.047) 81.32 ng/ul m

response 9727588

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.30	19.63
277.00	23.70	24.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 14:08:12 2025
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 06/06/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	252960	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	1098434	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	706500	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	1357588	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1418476	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	1641135	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	202934	31.430	ng/uL	0.00
4) Pyridine-d5	3.540	84	1317421	81.126	ng/ul	-0.01
7) Phenol-d5	6.816	99	1730879	86.144	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	965311	80.592	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	1395910	84.727	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	1426828	86.036	ng/ul	0.00
21) Nitrobenzene-d5	8.763	128	718210	86.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.475	143	835105	88.777	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	1377673	86.361	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	1963791	82.490	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	3958374	75.370	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	4546346	77.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	740545	93.630	ng/ul	0.00
60) Fluorene-d10	15.263	176	3214955	75.408	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	768670	86.505	ng/ul	0.00
73) Anthracene-d10	17.151	188	4999406	76.853	ng/ul	0.00
81) Pyrene-d10	19.528	212	5803720	79.143	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	6728537	80.391	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	217997	31.479	ng/uL	97
5) Pyridine	3.564	79	1330096	79.941	ng/ul	97
6) Benzaldehyde	6.769	77	644428	72.169	ng/ul	99
8) Phenol	6.846	94	1785240	85.878	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.052	93	1334565	81.125	ng/ul	99
12) 2-Chlorophenol	7.193	128	1427075	83.372	ng/ul	99
13) 2-Methylphenol	8.069	108	1354999	84.477	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	1650454	78.300	ng/ul	99
16) Acetophenone	8.434	105	2117348	82.797	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	1084251	80.938	ng/ul	99
18) 4-Methylphenol	8.405	108	1468092	84.425	ng/ul	96
19) Hexachloroethane	8.675	117	563631	77.684	ng/ul	99
22) Nitrobenzene	8.805	77	1624922	83.775	ng/ul	100
23) Isophorone	9.334	82	3059908	79.149	ng/ul	99
25) 2-Nitrophenol	9.510	139	871362	85.647	ng/ul	98
26) 2,4-Dimethylphenol	9.587	107	1564318	82.347	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.805	93	1820141	80.988	ng/ul	99
29) 2,4-Dichlorophenol	10.052	162	1374925	85.241	ng/ul	98
30) Naphthalene	10.434	128	4415346	77.512	ng/ul	100
32) 4-Chloroaniline	10.552	127	1843530	83.671	ng/ul	99
33) Hexachlorobutadiene	10.710	225	838742	75.986	ng/ul	100
34) Caprolactam	11.357	113	508422m	82.068	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	1556629	85.606	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.046	142	3123227	79.377 ng/ul	98
37) 1-Methylnaphthalene	12.269	142	3096517	78.279 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	1612929	78.273 ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	855090	86.104 ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	1110456	85.265 ng/ul	96
42) 2,4,5-Trichlorophenol	12.769	196	1194208	89.080 ng/ul	98
43) 1,1'-Biphenyl	13.075	154	3875419	76.083 ng/ul	99
44) 2-Chloronaphthalene	13.116	162	3061335	77.538 ng/ul	100
45) 2-Nitroaniline	13.334	65	999427	86.228 ng/ul	97
47) Dimethylphthalate	13.710	163	3871664	74.356 ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	877487	82.872 ng/ul	99
50) Acenaphthylene	13.969	152	4604320	76.280 ng/ul	99
51) 3-Nitroaniline	14.175	138	862143	83.654 ng/ul	98
52) Acenaphthene	14.316	153	3338548	75.751 ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	579612	94.947 ng/ul	98
55) 4-Nitrophenol	14.528	109	603270	98.500 ng/ul	98
56) Dibenzofuran	14.657	168	4577904	76.575 ng/ul	100
57) 2,4-Dinitrotoluene	14.640	165	1277212	83.432 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.904	232	1013511	85.104 ng/ul	97
59) Diethylphthalate	15.098	149	3946135	73.832 ng/ul	99
61) Fluorene	15.322	166	3607731	74.668 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	1798296	75.501 ng/ul	98
63) 4-Nitroaniline	15.363	138	713845	84.886 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	799700	84.521 ng/ul#	96
67) N-Nitrosodiphenylamine	15.534	169	3190365	78.410 ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	1201954	80.037 ng/ul	97
69) Hexachlorobenzene	16.345	284	1453706	80.044 ng/ul	97
70) Atrazine	16.522	200	1172438	77.022 ng/ul	99
71) Pentachlorophenol	16.710	266	851477	93.474 ng/ul	98
72) Phenanthrene	17.092	178	5687642	76.561 ng/ul	99
74) Anthracene	17.186	178	5707386	76.555 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	1667646	82.606 ng/uL	99
76) Pentachlorobenzene	14.575	250	1640565	80.362 ng/uL	99
77) Carbazole	17.475	167	5334219	78.114 ng/ul	99
78) Di-n-butylphthalate	18.057	149	6659577	75.796 ng/ul	99
80) Fluoranthene	19.186	202	6639995	78.127 ng/ul	98
82) Pyrene	19.563	202	6859865	75.250 ng/ul	99
83) Butylbenzylphthalate	20.522	149	3226062	78.714 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	2188025	78.254 ng/ul	99
85) Benzo(a)anthracene	21.463	228	6940334	77.052 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	4494944	74.021 ng/ul	99
87) Chrysene	21.533	228	6519556	76.170 ng/ul	100
89) Di-n-octyl phthalate	22.633	149	8072774	76.829 ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	7673383	81.603 ng/ul	100
91) Benzo(k)fluoranthene	23.774	252	7438282	78.107 ng/ul	99
93) Benzo(a)pyrene	24.592	252	7033142	79.819 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.445	276	9727588m	81.316 ng/ul	
95) Dibenzo(a,h)anthracene	28.498	278	7815235	82.986 ng/ul	98
96) Benzo(g,h,i)perylene	29.562	276	7493654	80.840 ng/ul	99

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

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