Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023950.D
Acq On : 06 Feb 2025 00:29
Operator : RC/JU
Sample : Q1226-19MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

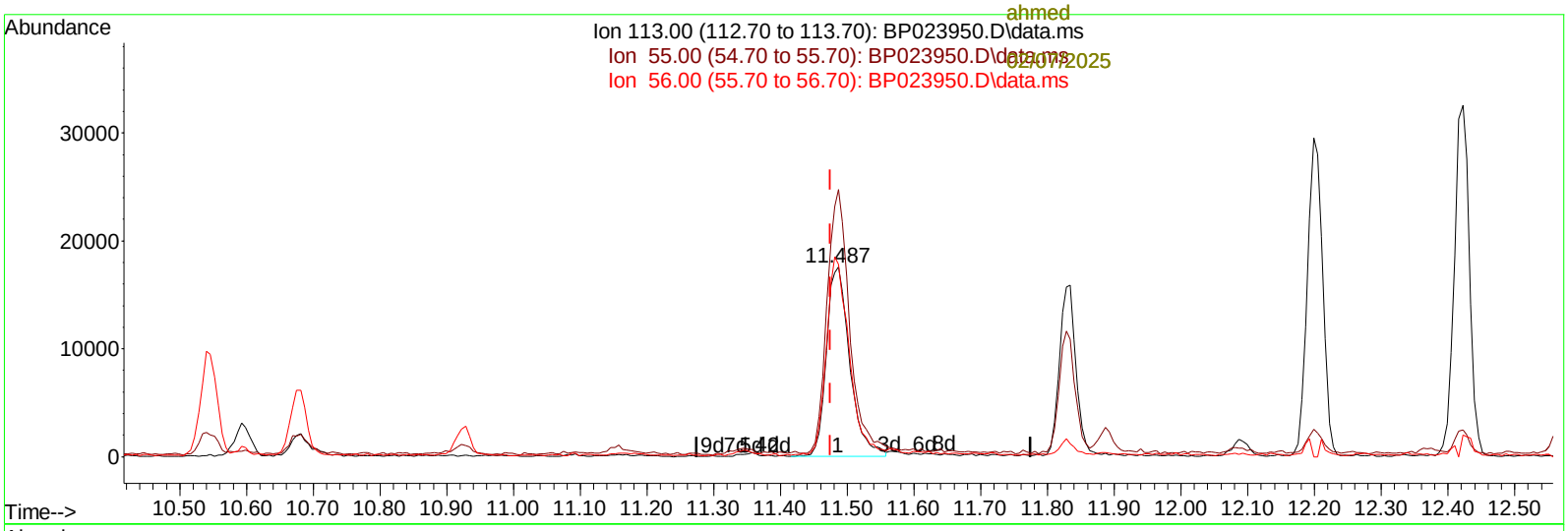
Quant Time: Feb 06 07:51:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

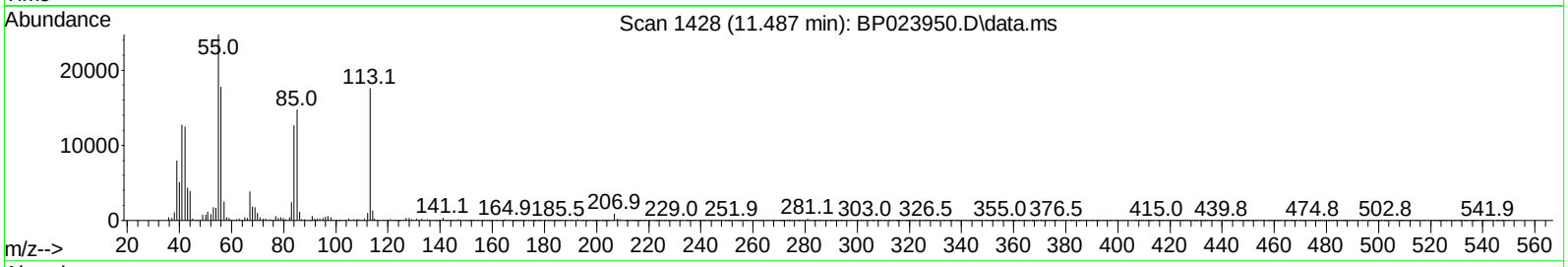
Instrument :
BNA_P
ClientSampleId :
DCZN8MSD

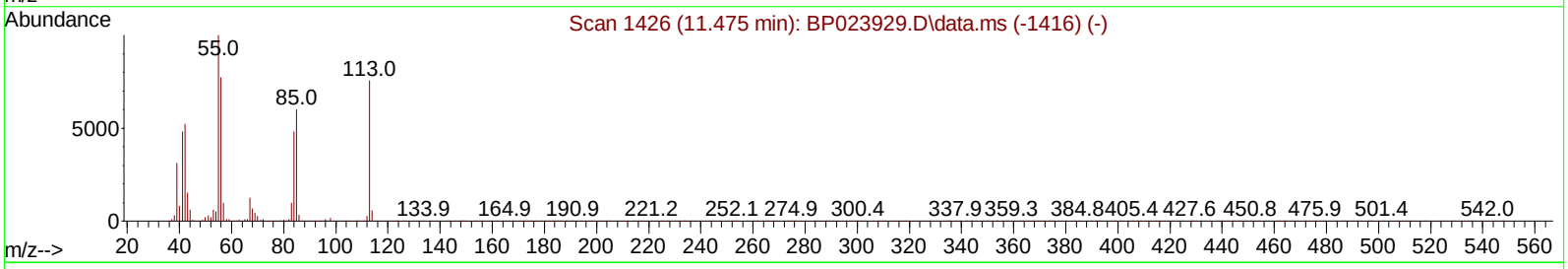
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

02/07/2025
Supervised By :mohammad ahmed
02/07/2025







TIC: BP023950.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 4.11 ng/ul

response 42564

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	140.72
56.00	96.30	101.27
0.00	0.00	0.00

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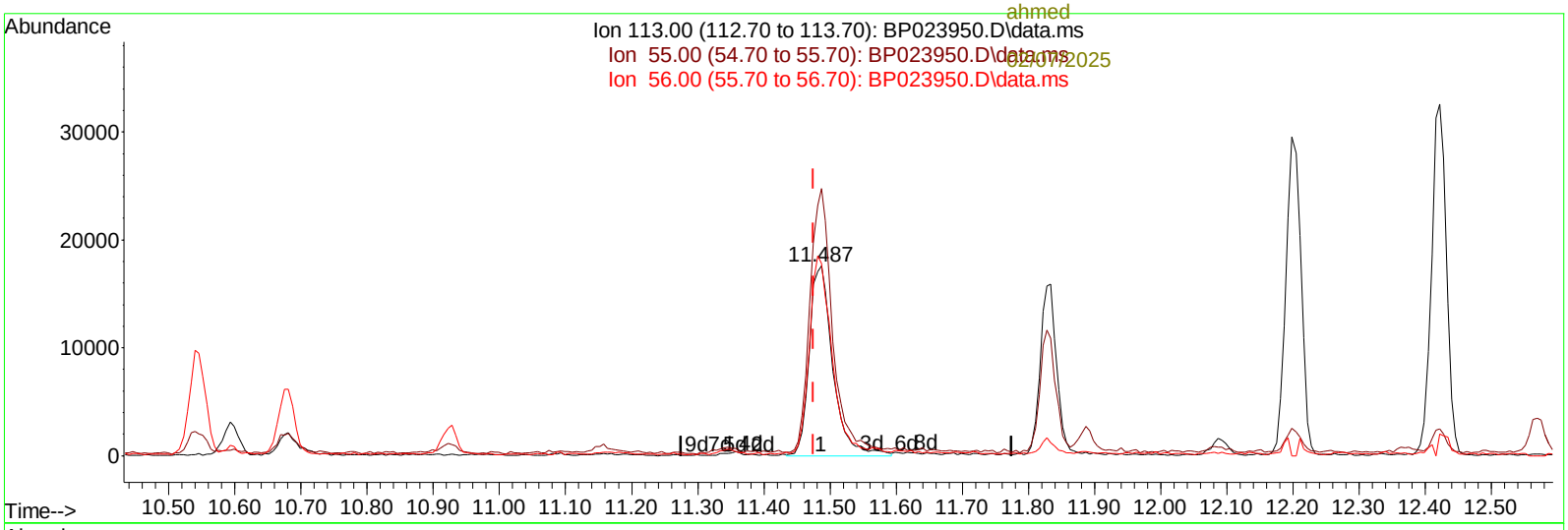

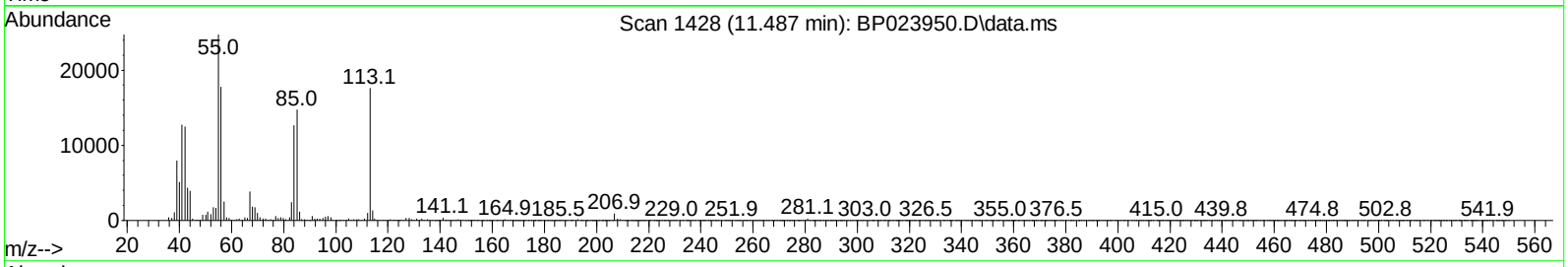

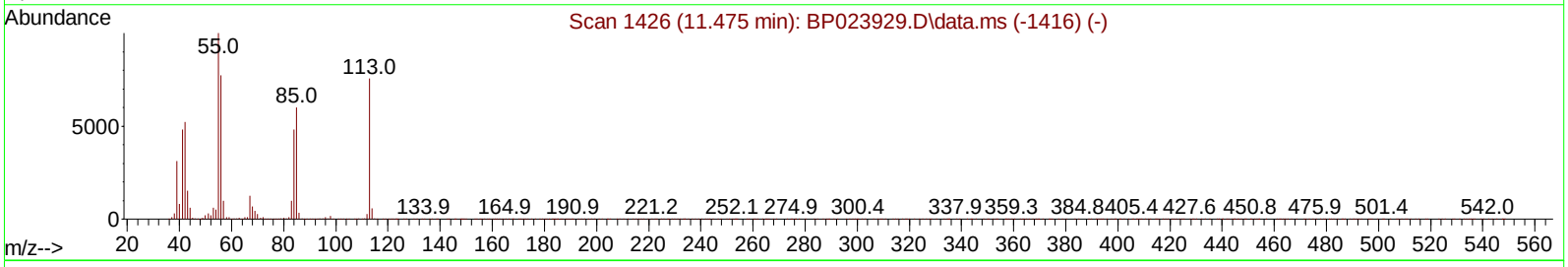

TIC: BP023950.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 4.20 ng/ul m

response 43491

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	140.72
56.00	96.30	101.27
0.00	0.00	0.00

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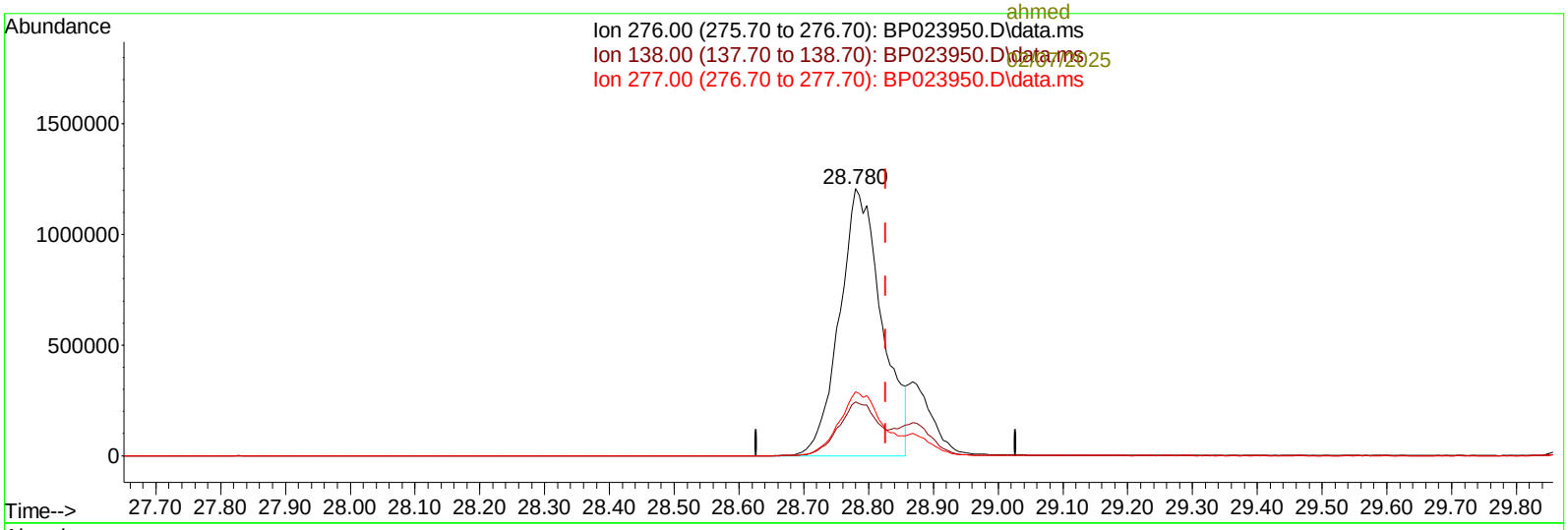

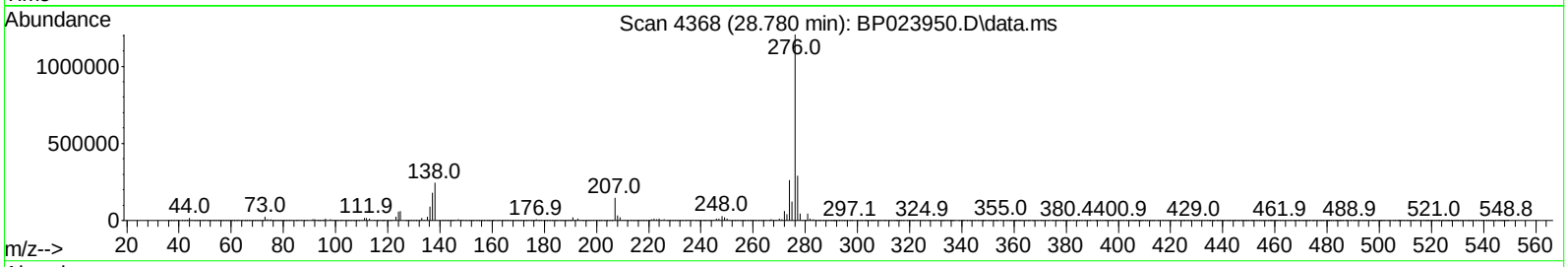

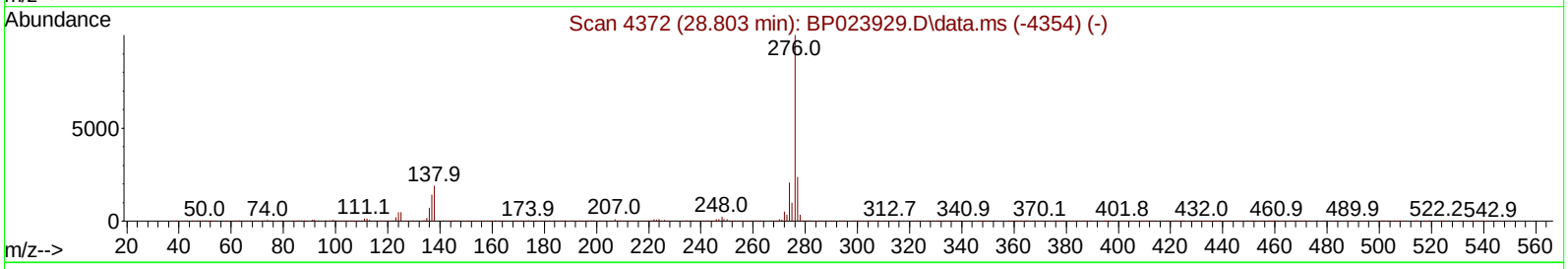

TIC: BP023950.D\data.ms

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

28.780min (-0.047) 33.30 ng/ul

response 5444048

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.18
277.00	23.70	23.91
0.00	0.00	0.00

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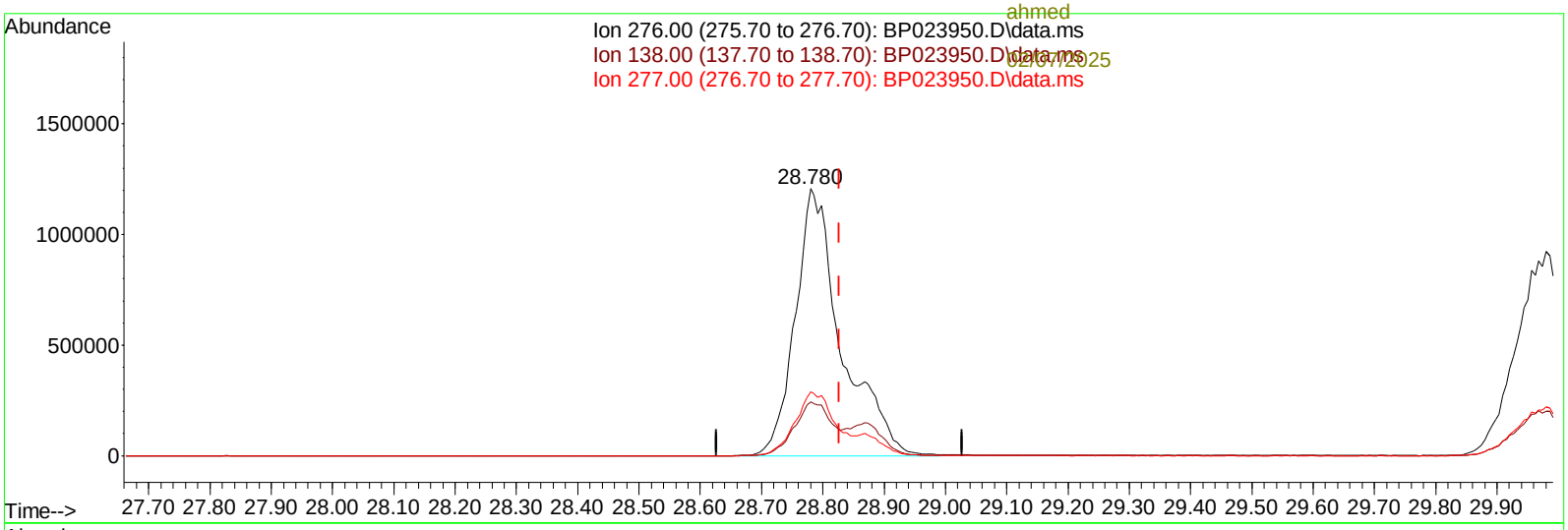

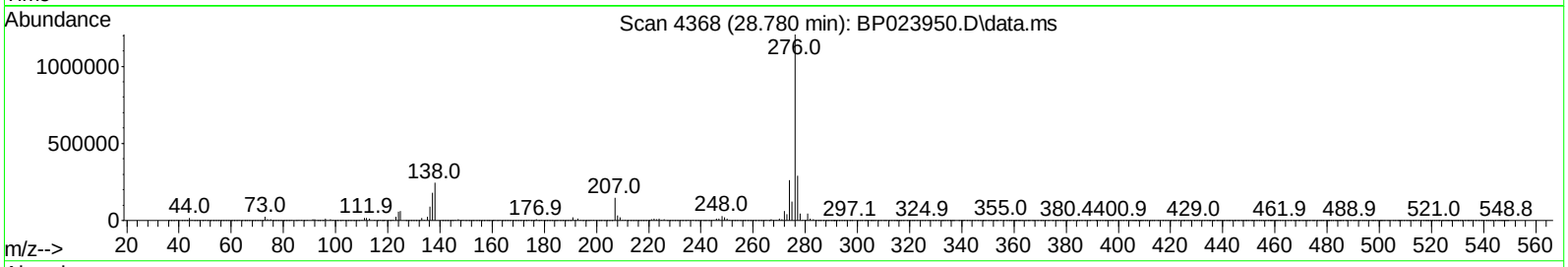

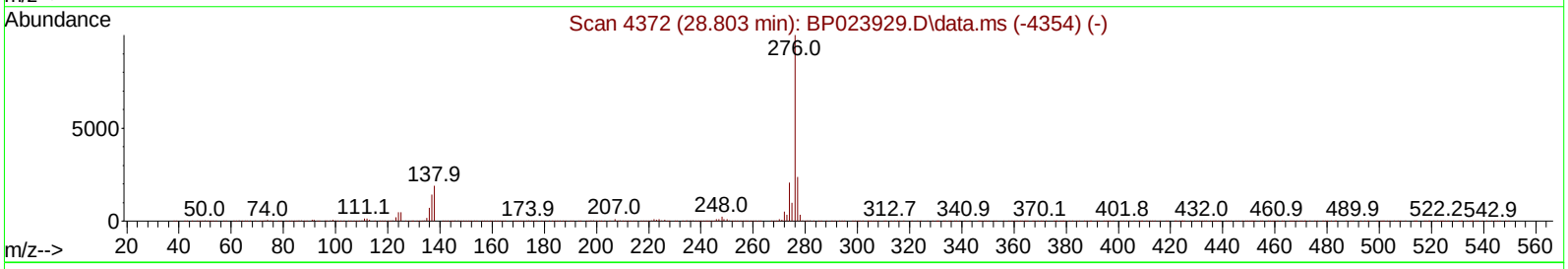

TIC: BP023950.D\data.ms

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

28.780min (-0.047) 38.67 ng/ul m

response 6322620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.18
277.00	23.70	23.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	410297	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	1664201	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	999485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	1931293	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	2254673	20.000	ng/ul	-0.03
88) Perylene-d12	24.974	264	2225958	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	50409	5.105	ng/uL	0.00
4) Pyridine-d5	3.705	84	253103	8.882	ng/ul	0.00
7) Phenol-d5	6.952	99	302052	8.319	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	642235	33.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	840768	29.487	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	563677	19.004	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	448146	33.658	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	470260	32.732	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	873221	33.132	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	1044086	26.489	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	2619932	35.142	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	2963936	35.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	149236	10.080	ng/ul	-0.01
60) Fluorene-d10	15.393	176	2287029	36.428	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	468212	39.297	ng/ul	0.00
73) Anthracene-d10	17.281	188	3746415	39.508	ng/ul	0.00
81) Pyrene-d10	19.645	212	4531792	37.512	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	4676733	40.268	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	63152	6.081	ng/uL	99
5) Pyridine	3.728	79	279012	9.780	ng/ul	100
6) Benzaldehyde	6.922	77	441230	24.759	ng/ul	99
8) Phenol	6.981	94	337528	9.053	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.199	93	909993	32.063	ng/ul	97
12) 2-Chlorophenol	7.346	128	884533	30.111	ng/ul	99
13) 2-Methylphenol	8.216	108	643218	22.928	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	938451	32.050	ng/ul	99
16) Acetophenone	8.587	105	1462400	32.251	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.569	70	680478	31.869	ng/ul	97
18) 4-Methylphenol	8.540	108	629802	20.234	ng/ul	100
19) Hexachloroethane	8.846	117	299732	25.805	ng/ul	96
22) Nitrobenzene	8.958	77	1030241	35.655	ng/ul	97
23) Isophorone	9.481	82	1915920	32.839	ng/ul	97
25) 2-Nitrophenol	9.663	139	516338	32.950	ng/ul	96
26) 2,4-Dimethylphenol	9.728	107	826901	28.510	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.957	93	1197991	32.965	ng/ul	100
29) 2,4-Dichlorophenol	10.199	162	918017	34.347	ng/ul	98
30) Naphthalene	10.593	128	2897207	32.523	ng/ul	100
32) 4-Chloroaniline	10.705	127	716122	19.252	ng/ul	100
33) Hexachlorobutadiene	10.881	225	473401	29.257	ng/ul	99
34) Caprolactam	11.487	113	43491m	4.200	ng/ul	
35) 4-Chloro-3-methylphenol	11.828	107	898245	31.264	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	12.199	142	2014446	32.162	ng/ul	99
37)	1-Methylnaphthalene	12.422	142	2017319	32.466	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.569	216	1048945	35.500	ng/ul	99
40)	Hexachlorocyclopentadiene	12.557	237	373458	22.430	ng/ul	100
41)	2,4,6-Trichlorophenol	12.816	196	710620	36.005	ng/ul	99
42)	2,4,5-Trichlorophenol	12.887	196	800298	37.619	ng/ul	100
43)	1,1'-Biphenyl	13.216	154	2673264	36.032	ng/ul	99
44)	2-Chloronaphthalene	13.257	162	2094673	36.235	ng/ul	99
45)	2-Nitroaniline	13.457	65	589290	39.167	ng/ul	89
47)	Dimethylphthalate	13.840	163	2627793	35.426	ng/ul	100
48)	2,6-Dinitrotoluene	13.957	165	535604	36.948	ng/ul	99
50)	Acenaphthylene	14.110	152	3267566	36.491	ng/ul	100
51)	3-Nitroaniline	14.287	138	573440	35.995	ng/ul	94
52)	Acenaphthene	14.457	153	2301756	36.256	ng/ul	100
53)	2,4-Dinitrophenol	14.498	184	279570	32.349	ng/ul	97
55)	4-Nitrophenol	14.610	109	121596	11.609	ng/ul	92
56)	Dibenzofuran	14.793	168	3200357	36.379	ng/ul	99
57)	2,4-Dinitrotoluene	14.751	165	800061	37.105	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.022	232	723351	39.958	ng/ul#	90
59)	Diethylphthalate	15.222	149	2682338	36.093	ng/ul	99
61)	Fluorene	15.451	166	2810403	38.510	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.445	204	1350552	37.384	ng/ul	97
63)	4-Nitroaniline	15.469	138	713117	46.007	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.522	198	564385	43.086	ng/ul	99
67)	N-Nitrosodiphenylamine	15.663	169	2256364	38.281	ng/ul	99
68)	4-Bromophenyl-phenylether	16.357	248	796150	36.539	ng/ul	99
69)	Hexachlorobenzene	16.475	284	962158	36.444	ng/ul	98
70)	Atrazine	16.634	200	688832	30.179	ng/ul	100
71)	Pentachlorophenol	16.828	266	962105	59.247	ng/ul	99
72)	Phenanthrene	17.222	178	4367634	40.046	ng/ul	99
74)	Anthracene	17.316	178	4396375	39.971	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.181	216	1013960	35.853	ng/uL	100
76)	Pentachlorobenzene	14.710	250	1070375	35.121	ng/uL	99
77)	Carbazole	17.592	167	4096065	42.509	ng/ul	99
78)	Di-n-butylphthalate	18.181	149	4636405	38.875	ng/ul	100
80)	Fluoranthene	19.298	202	5125450	36.833	ng/ul	99
82)	Pyrene	19.675	202	5676810	39.010	ng/ul	99
83)	Butylbenzylphthalate	20.616	149	2213533	35.322	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.510	252	1217969	24.968	ng/ul	99
85)	Benzo(a)anthracene	21.592	228	5670164	38.244	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.533	149	3256159	35.612	ng/ul	99
87)	Chrysene	21.663	228	5353391	39.187	ng/ul	98
89)	Di-n-octyl phthalate	22.822	149	5296112	39.690	ng/ul	100
90)	Benzo(b)fluoranthene	23.904	252	5390581	39.911	ng/ul	99
91)	Benzo(k)fluoranthene	23.980	252	5651949	41.741	ng/ul	100
93)	Benzo(a)pyrene	24.821	252	5113748	40.542	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.780	276	6322620m	38.672	ng/ul	
95)	Dibenzo(a,h)anthracene	28.868	278	5174054	39.012	ng/ul	100
96)	Benzo(g,h,i)perylene	29.980	276	4786057	38.218	ng/ul	99

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

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