Quantitation Report (Qedit)

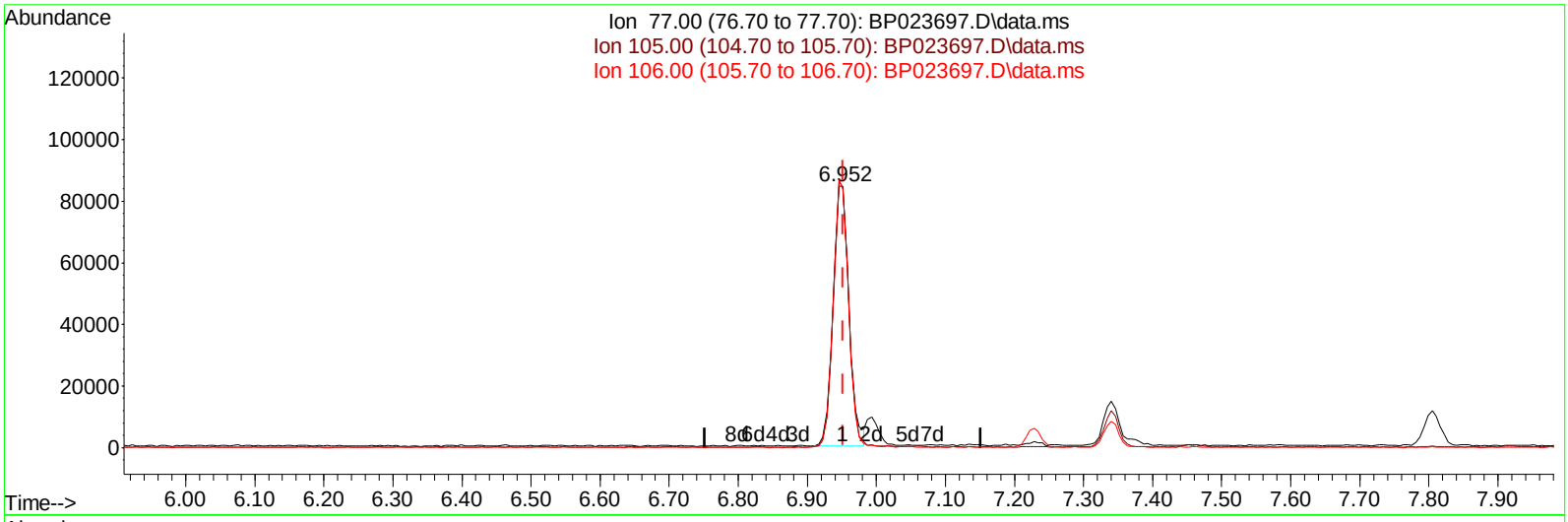
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023697.D
Acq On : 22 Jan 2025 00:13
Operator : RC/JU
Sample : PB166145BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

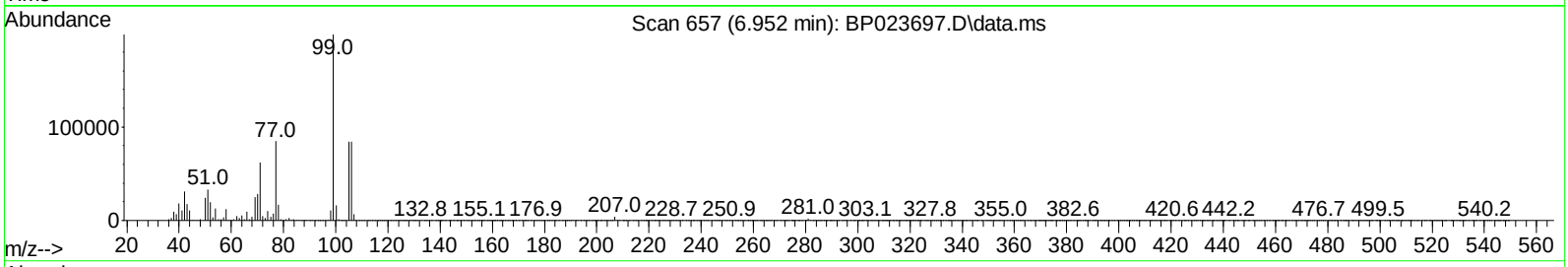
Quant Time: Jan 22 00:39:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 21:50:54 2025
Response via : Initial Calibration

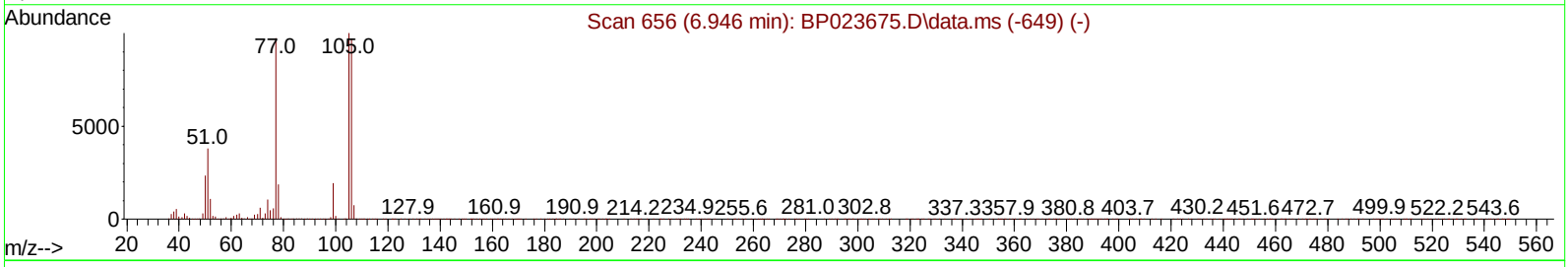
Instrument :
BNA_P
ClientSampleId :
SLCS145

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025







TIC: BP023697.D\data.ms

(6) Benzaldehyde

6.952min (+ 0.000) 5.53 ng/ul

response 136956

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	99.54
106.00	100.60	98.93
0.00	0.00	0.00

Quantitation Report (Qedit)

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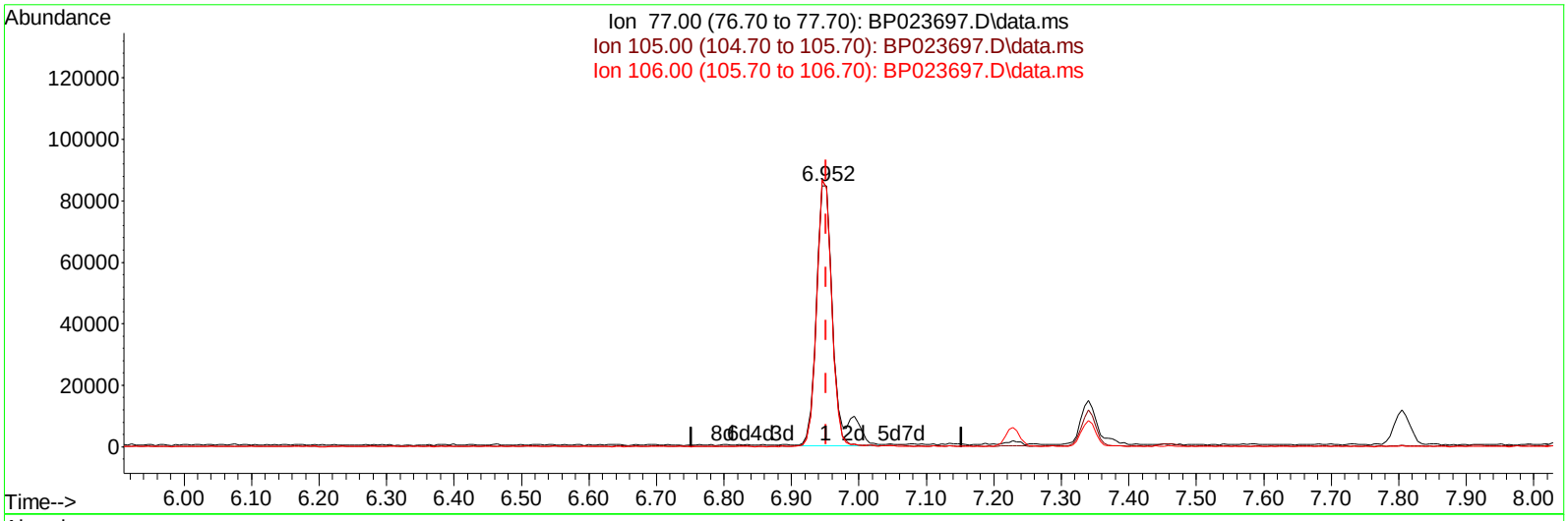

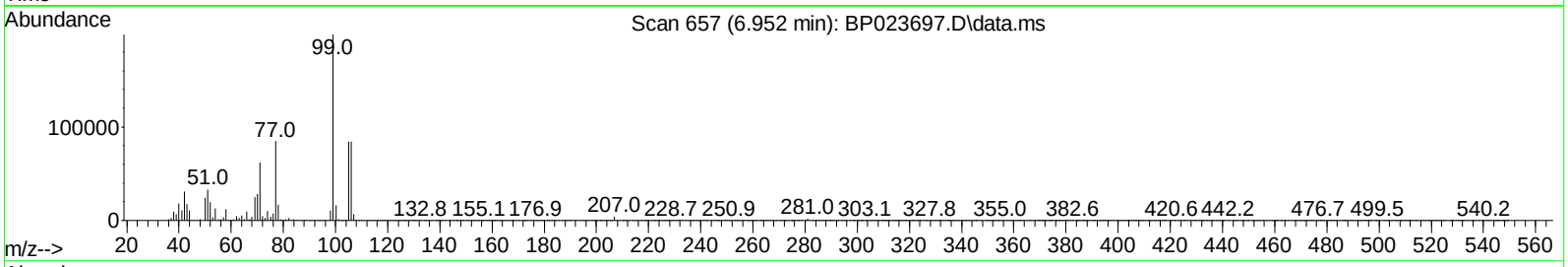

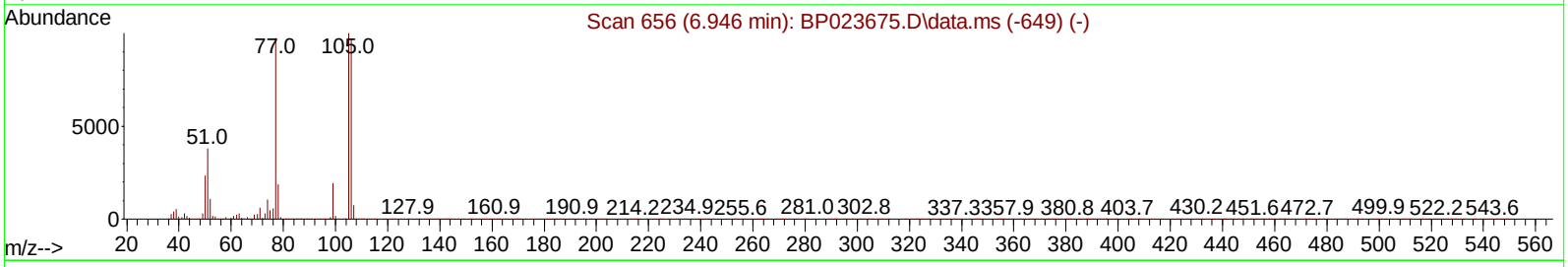

TIC: BP023697.D\data.ms

(6) Benzaldehyde

6.952min (+ 0.000) 6.06 ng/ul m

response 150016

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	99.54
106.00	100.60	98.93
0.00	0.00	0.00

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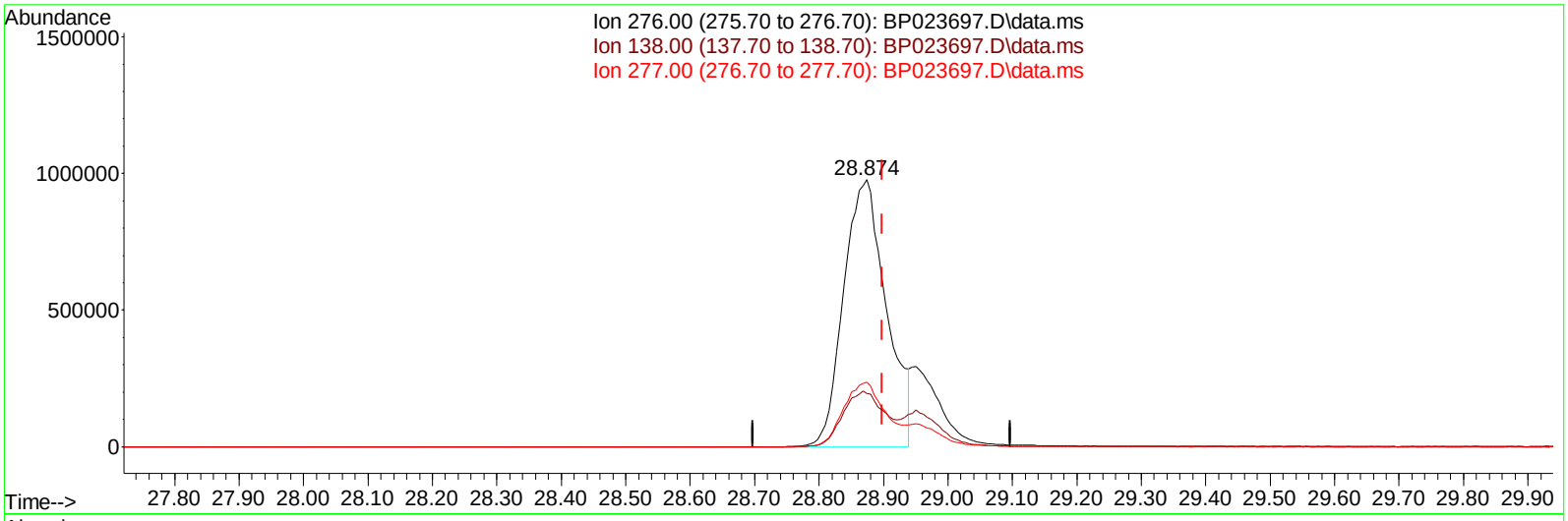

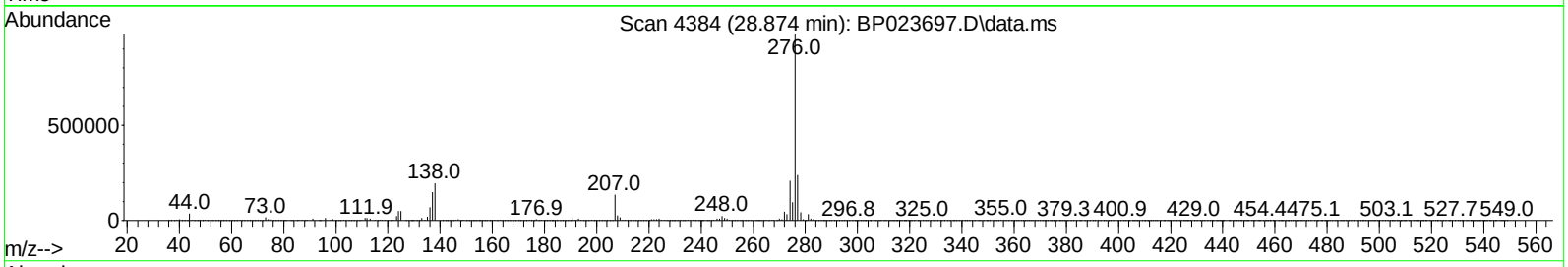

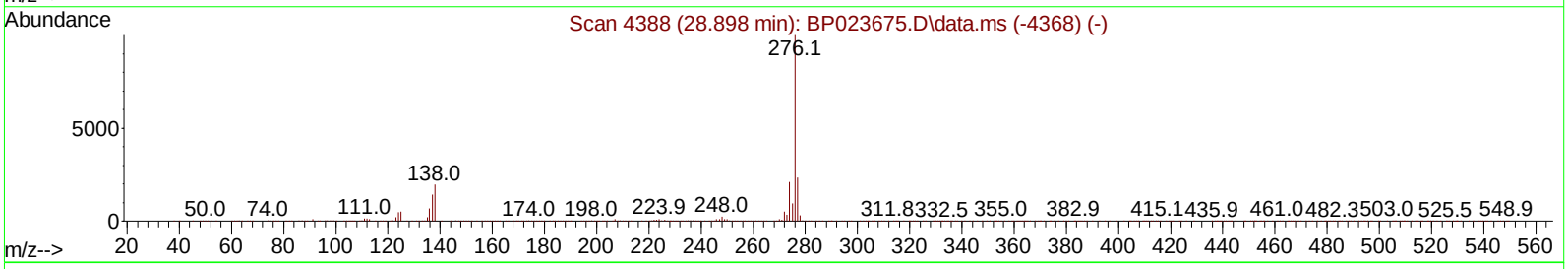

TIC: BP023697.D\data.ms

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

28.874min (-0.023) 20.18 ng/ul

response 4520322

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.04
277.00	24.20	24.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 50 Sample Multiplier: 1

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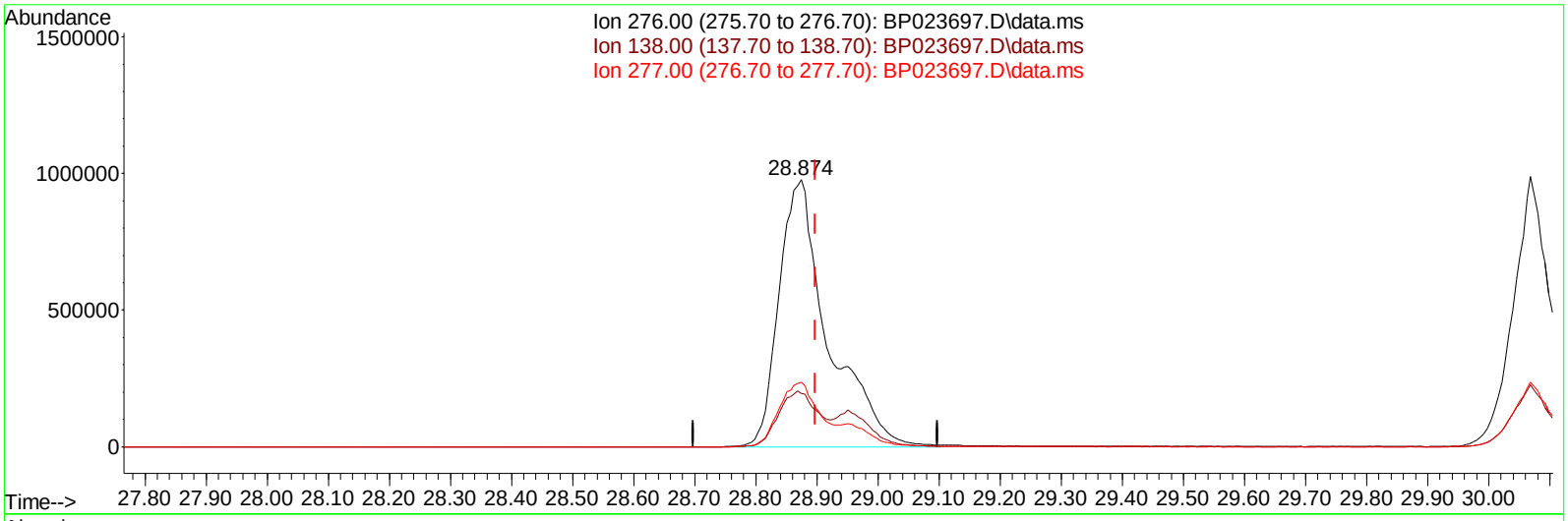

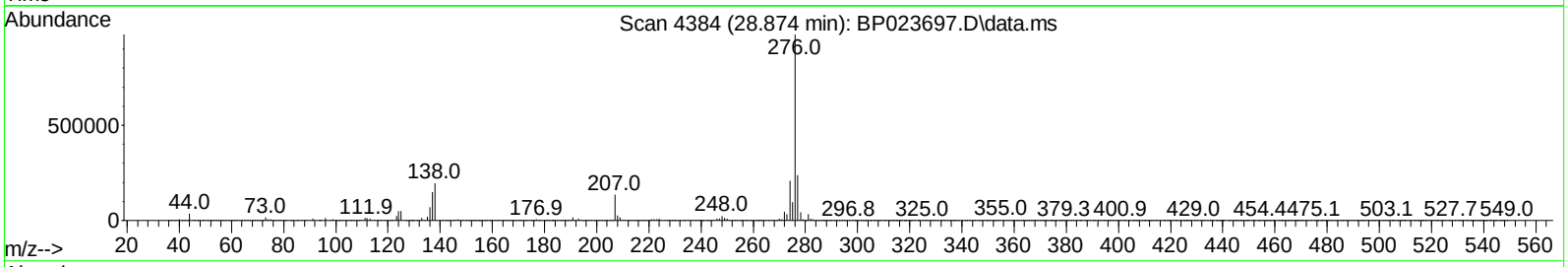

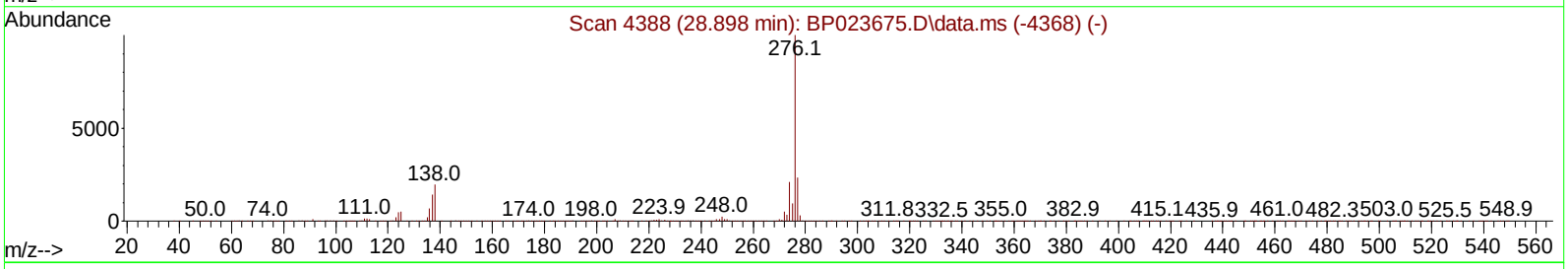

TIC: BP023697.D\data.ms

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

28.874min (-0.023) 24.31 ng/ul m

response 5443519

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.04
277.00	24.20	24.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : PB166145BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Jan 22 00:40:56 2025
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	532634	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2148727	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1340960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2707927	20.000	ng/ul	-0.02
79) Chrysene-d12	21.651	240	3060409	20.000	ng/ul	-0.01
88) Perylene-d12	25.021	264	3045471	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	65781	4.554	ng/uL	0.00
4) Pyridine-d5	3.723	84	993502	24.670	ng/ul	0.00
7) Phenol-d5	6.969	99	1194711	26.053	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	634736	23.629	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	948835	26.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	910252	25.592	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	405754	24.740	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	356117	33.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	852185	26.026	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	1085554	20.767	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	2437562	23.357	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	2840402	22.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	479759	27.657	ng/ul	0.00
60) Fluorene-d10	15.428	176	2091871	23.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	255950	29.049	ng/ul	-0.01
73) Anthracene-d10	17.316	188	3370229	23.056	ng/ul	-0.01
81) Pyrene-d10	19.675	212	4008780	23.645	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.798	264	3977352	24.032	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	139414	9.120	ng/uL	94
5) Pyridine	3.740	79	1017200	25.043	ng/ul	99
6) Benzaldehyde	6.952	77	150016m	6.055	ng/ul	
8) Phenol	6.993	94	1289037	26.372	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	928309	24.009	ng/ul	99
12) 2-Chlorophenol	7.369	128	1013631	26.148	ng/ul	98
13) 2-Methylphenol	8.234	108	907880	25.447	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	969035	24.194	ng/ul	99
16) Acetophenone	8.611	105	1386818	22.762	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	652958	22.048	ng/ul	99
18) 4-Methylphenol	8.558	108	1012449	25.817	ng/ul	99
19) Hexachloroethane	8.881	117	378650	24.336	ng/ul	94
22) Nitrobenzene	8.987	77	971988	24.352	ng/ul	97
23) Isophorone	9.511	82	1820213	22.453	ng/ul	99
25) 2-Nitrophenol	9.693	139	436040	30.883	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	967887	24.779	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.987	93	1160857	22.819	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	884681	26.098	ng/ul	99
30) Naphthalene	10.628	128	2937354	23.078	ng/ul	99
32) 4-Chloroaniline	10.734	127	602777	12.050	ng/ul	100
33) Hexachlorobutadiene	10.922	225	504240	22.436	ng/ul	100
34) Caprolactam	11.487	113	273461	22.085	ng/ul	98
35) 4-Chloro-3-methylphenol	11.846	107	909161	26.315	ng/ul	97

Quantitation Report (QT Reviewed)

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Instrument :
BNA_P
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SLCS145

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	1946953	22.631	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	1974518	23.108	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	990451	22.385	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	388058	22.719	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	625197	27.143	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	698788	27.280	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	2511694	22.635	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	1979845	22.905	ng/ul	99
45) 2-Nitroaniline	13.487	65	500013	29.244	ng/ul	99
47) Dimethylphthalate	13.875	163	2448231	23.351	ng/ul	100
48) 2,6-Dinitrotoluene	13.987	165	447460	27.782	ng/ul	94
50) Acenaphthylene	14.140	152	3102833	23.066	ng/ul	100
51) 3-Nitroaniline	14.316	138	497433	26.245	ng/ul	94
52) Acenaphthene	14.487	153	2183626	23.173	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	146045	28.653	ng/ul	96
55) 4-Nitrophenol	14.616	109	378454	28.107	ng/ul	99
56) Dibenzofuran	14.822	168	2977446	23.212	ng/ul	99
57) 2,4-Dinitrotoluene	14.775	165	691215	28.405	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.051	232	561635	28.046	ng/ul	99
59) Diethylphthalate	15.257	149	2462702	23.825	ng/ul	100
61) Fluorene	15.481	166	2575290	23.911	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	1252295	23.795	ng/ul	99
63) 4-Nitroaniline	15.487	138	631768	31.729	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.545	198	306703	29.249	ng/ul	96
67) N-Nitrosodiphenylamine	15.693	169	2097309	23.131	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	731749	22.669	ng/ul	100
69) Hexachlorobenzene	16.504	284	891064	22.515	ng/ul	99
70) Atrazine	16.663	200	713159	22.656	ng/ul	99
71) Pentachlorophenol	16.851	266	511307	26.496	ng/ul	99
72) Phenanthrene	17.257	178	3932377	23.162	ng/ul	100
74) Anthracene	17.345	178	4074246	23.917	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	952653	21.496	ng/uL	99
76) Pentachlorobenzene	14.746	250	985475	20.992	ng/uL	100
77) Carbazole	17.622	167	3790904	26.795	ng/ul	100
78) Di-n-butylphthalate	18.222	149	4206194	25.599	ng/ul	100
80) Fluoranthene	19.334	202	4695762	24.213	ng/ul	98
82) Pyrene	19.704	202	5099220	24.133	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1821144	32.806	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	1298469	25.011	ng/ul	99
85) Benzo(a)anthracene	21.628	228	5081478	23.354	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	2785408	29.412	ng/ul	99
87) Chrysene	21.698	228	4735846	23.374	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	4132404	32.237	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	4796273	25.067	ng/ul	100
91) Benzo(k)fluoranthene	24.027	252	4926998	23.498	ng/ul	99
93) Benzo(a)pyrene	24.869	252	4515816	23.990	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.874	276	5443519m	24.305	ng/ul	
95) Dibenzo(a,h)anthracene	28.957	278	4453928	24.538	ng/ul	99
96) Benzo(g,h,i)perylene	30.068	276	4178331	23.782	ng/ul	98

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

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