Quantitation Report (Qedit)

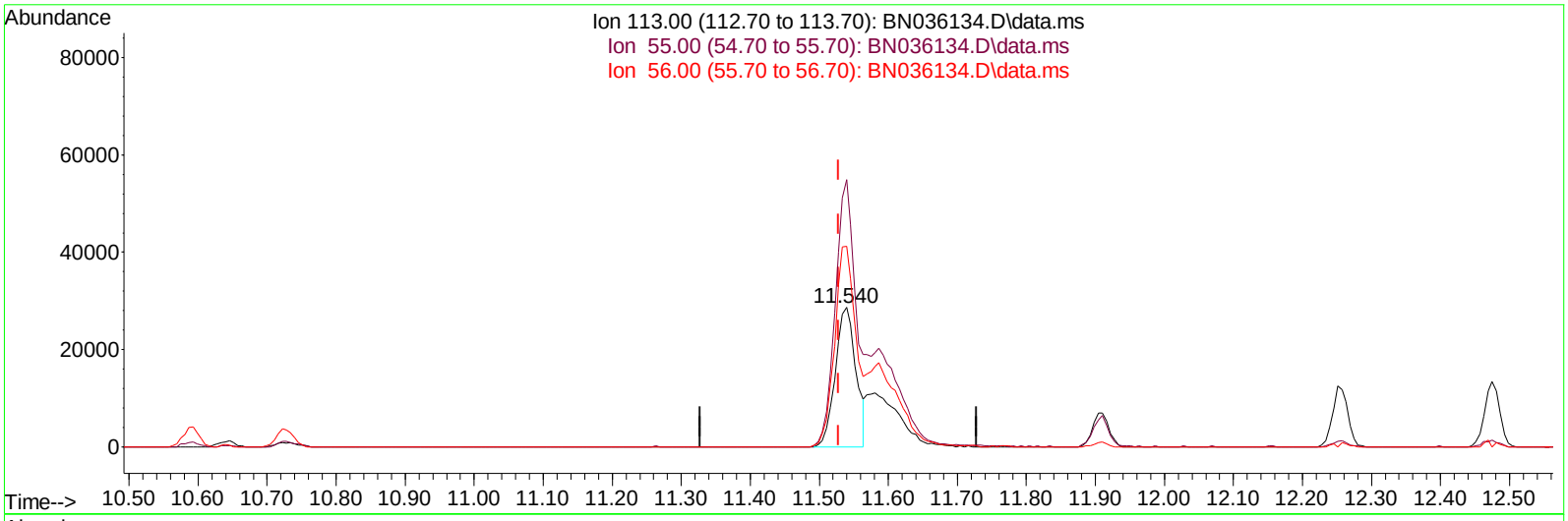
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036134.D
Acq On : 30 Jan 2025 15:46
Operator : RC/JU
Sample : SSTD04008
Misc :
ALS Vial : 6 Sample Multiplier: 1

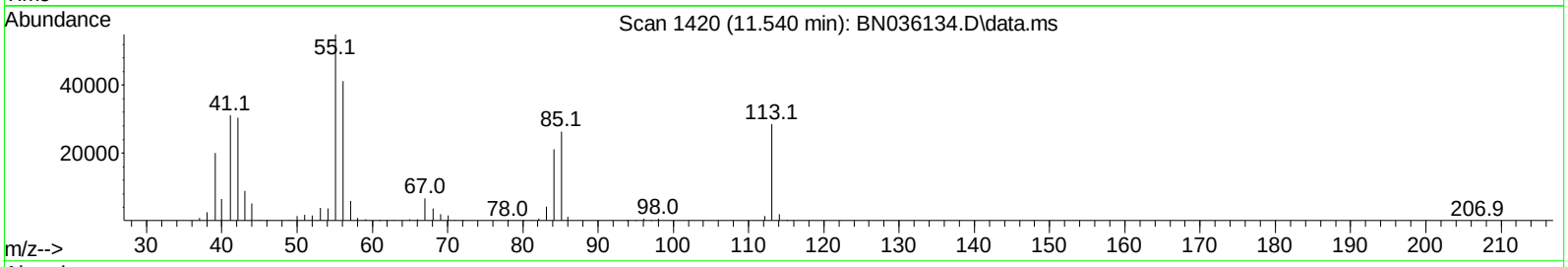
Quant Time: Jan 30 16:26:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 15:42:04 2025
Response via : Initial Calibration

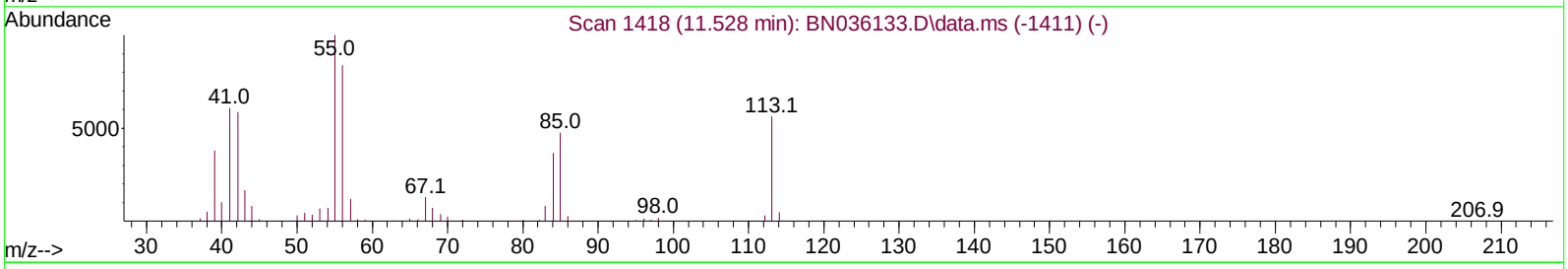
Instrument :
BNA_N
ClientSampleId :
SSTD040248

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BN036134.D\data.ms

(34) Caprolactam

11.540min (+ 0.012) 29.31 ng/ul

response 59562

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.50	191.68
56.00	148.80	144.08
0.00	0.00	0.00

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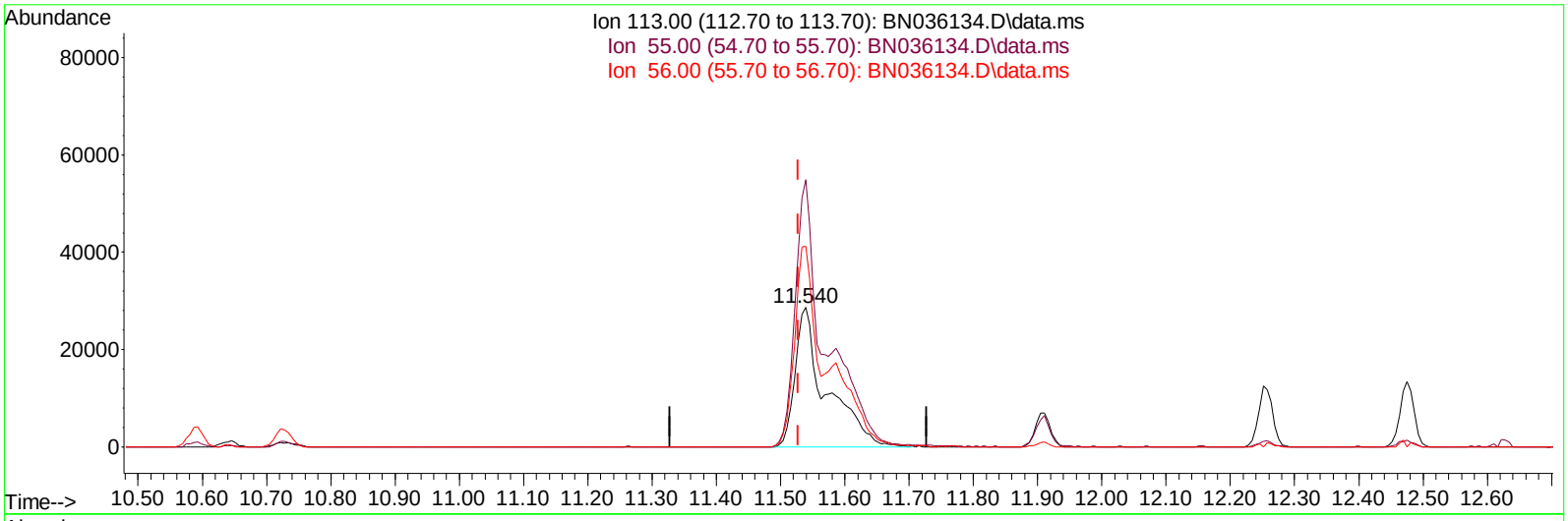

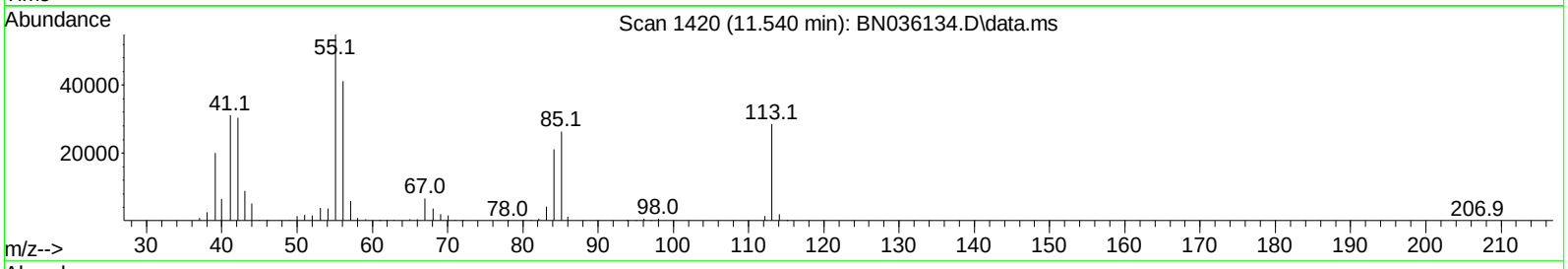

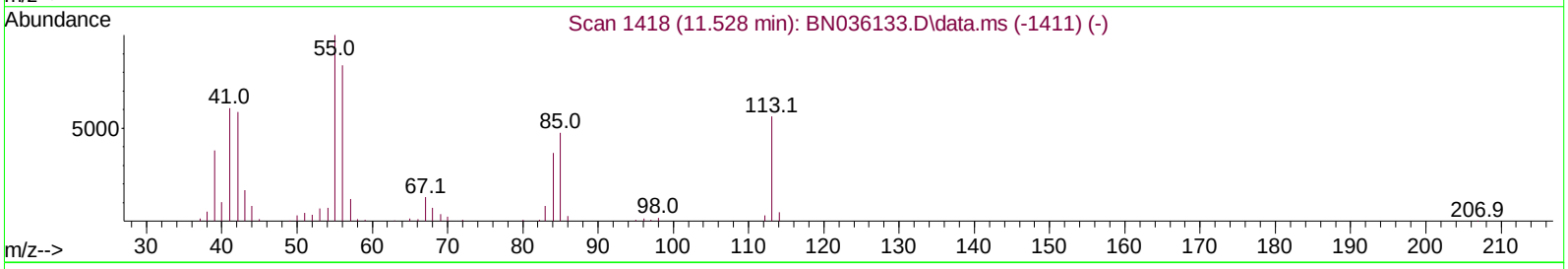

TIC: BN036134.D\data.ms

(34) Caprolactam

11.540min (+ 0.012) 47.44 ng/ul m

response 96388

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.50	191.68
56.00	148.80	144.08
0.00	0.00	0.00

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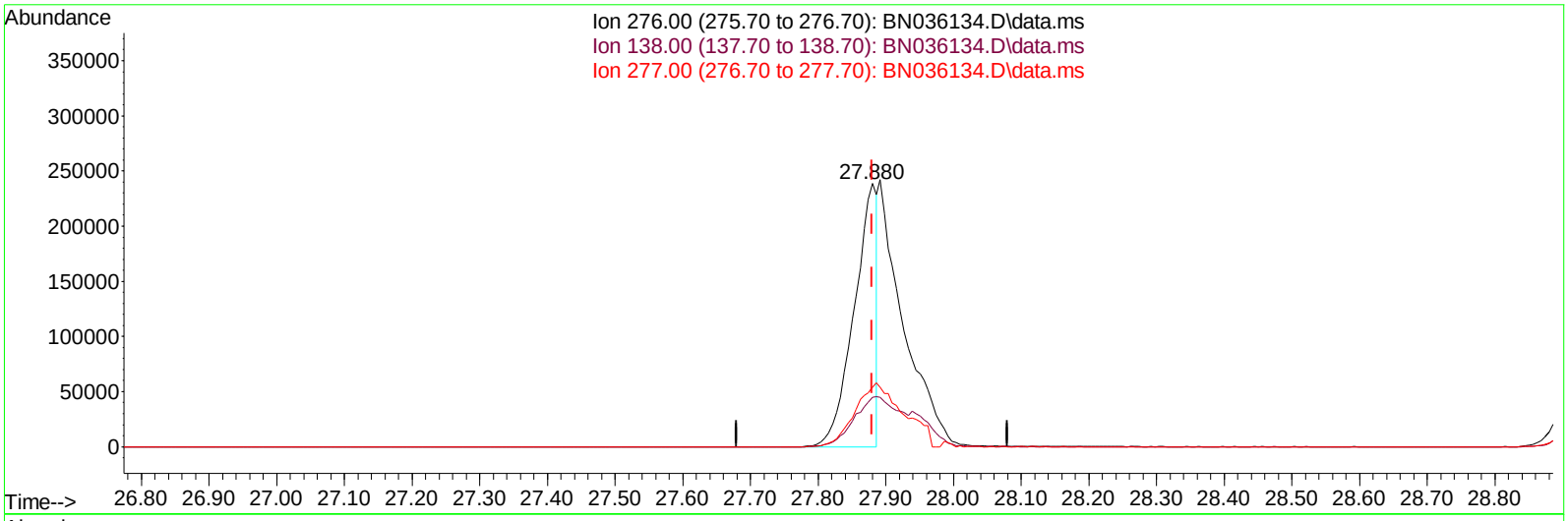

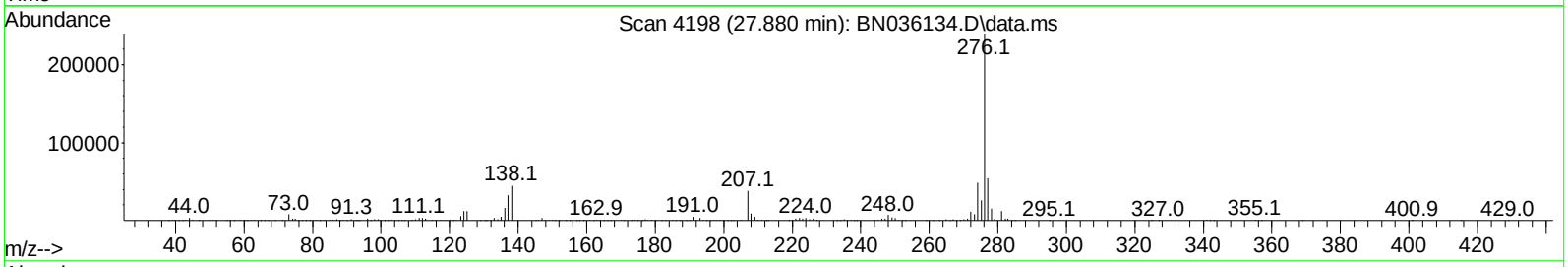

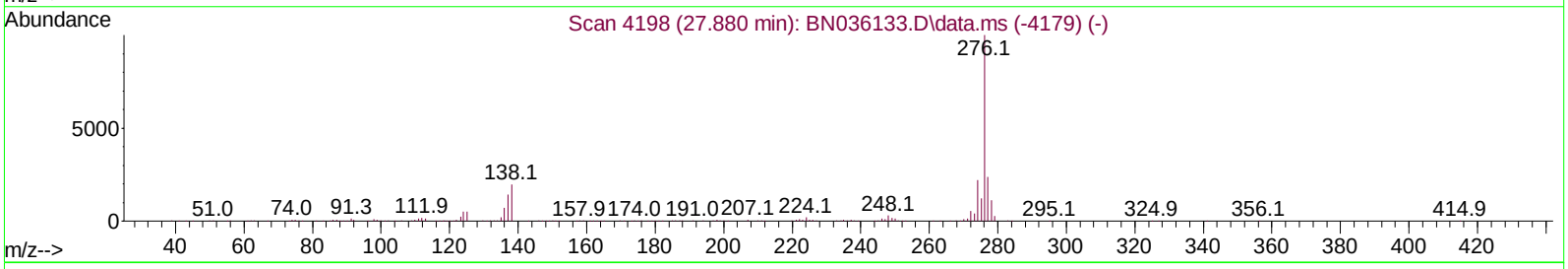

TIC: BN036134.D\data.ms

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

27.880min (-0.000) 18.04 ng/ul

response 560405

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	18.71
277.00	23.80	22.61
0.00	0.00	0.00

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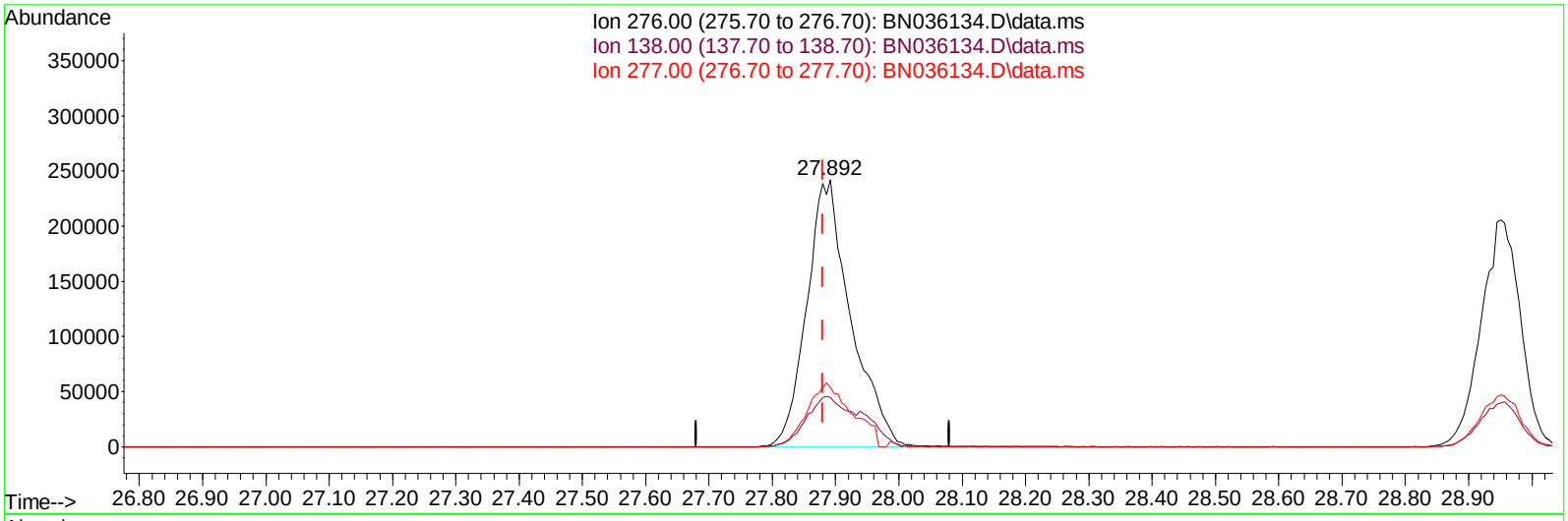

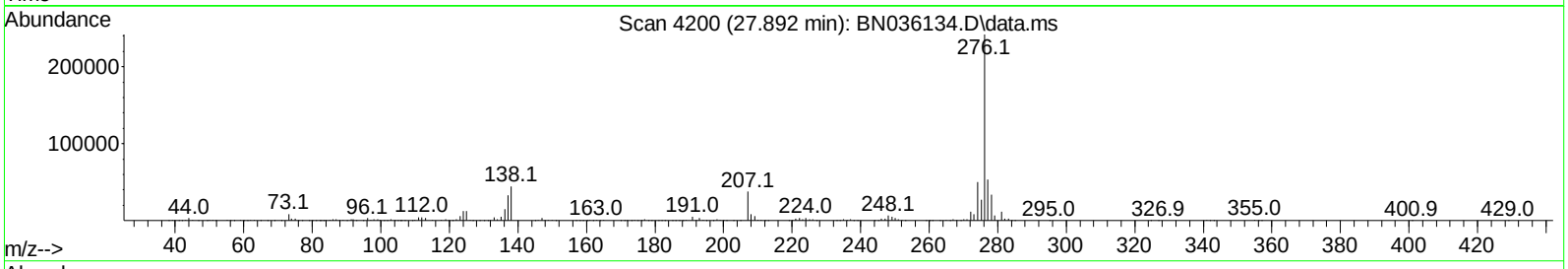

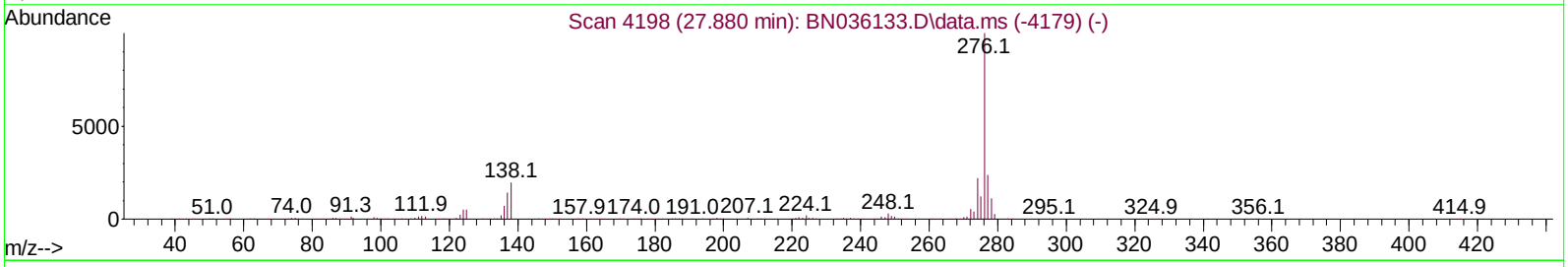

TIC: BN036134.D\data.ms

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

27.892min (+ 0.012) 37.54 ng/ul m

response 1166229

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	18.42
277.00	23.80	22.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	104046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	427034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	290236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	581421	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	517242	20.000	ng/ul	0.00
88) Perylene-d12	24.462	264	447484	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	40574	15.829	ng/uL	0.00
4) Pyridine-d5	3.669	84	300674	42.197	ng/ul	0.00
7) Phenol-d5	6.993	99	355789	45.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	229735	46.001	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	283082	45.458	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	290908	47.448	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	141529	45.763	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	164993	55.316	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	293064	45.602	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	383371	42.688	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	879545	43.775	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	981537	40.356	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	155747	43.232	ng/ul	0.00
60) Fluorene-d10	15.433	176	731684	40.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	159404	54.707	ng/ul	0.00
73) Anthracene-d10	17.286	188	1140296	39.791	ng/ul	0.00
81) Pyrene-d10	19.580	212	1270099	46.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	965289	43.438	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	44775	16.140	ng/uL	96
5) Pyridine	3.693	79	302008	41.478	ng/ul	98
6) Benzaldehyde	6.934	77	230024	48.980	ng/ul	95
8) Phenol	7.022	94	362287	43.669	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	291114	45.627	ng/ul	98
12) 2-Chlorophenol	7.375	128	285931	43.892	ng/ul	98
13) 2-Methylphenol	8.263	108	272946	45.676	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.316	45	444768	47.791	ng/ul	99
16) Acetophenone	8.616	105	475437	46.269	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	252821	52.032	ng/ul	99
18) 4-Methylphenol	8.593	108	301816	46.807	ng/ul	91
19) Hexachloroethane	8.875	117	132987	43.301	ng/ul	96
22) Nitrobenzene	8.993	77	386970	44.236	ng/ul	98
23) Isophorone	9.528	82	697722	47.728	ng/ul	99
25) 2-Nitrophenol	9.704	139	172576	50.852	ng/ul	96
26) 2,4-Dimethylphenol	9.781	107	341354	42.633	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.004	93	395447	45.777	ng/ul	97
29) 2,4-Dichlorophenol	10.257	162	293720	44.463	ng/ul	99
30) Naphthalene	10.640	128	921357	40.541	ng/ul	100
32) 4-Chloroaniline	10.751	127	368413	42.307	ng/ul	97
33) Hexachlorobutadiene	10.934	225	205036	37.471	ng/ul	95
34) Caprolactam	11.540	113	96388m	47.435	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	339146	49.725	ng/ul	96

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SSTD040248

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	650751	43.313 ng/ul	99
37) 1-Methylnaphthalene	12.475	142	639908	43.134 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	373488	37.210 ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	210202	39.232 ng/ul	91
41) 2,4,6-Trichlorophenol	12.875	196	247250	45.075 ng/ul	93
42) 2,4,5-Trichlorophenol	12.969	196	269561	44.304 ng/ul	97
43) 1,1'-Biphenyl	13.269	154	853992	38.976 ng/ul	100
44) 2-Chloronaphthalene	13.310	162	676664	38.610 ng/ul	99
45) 2-Nitroaniline	13.516	65	241420	52.731 ng/ul	99
47) Dimethylphthalate	13.898	163	877025	43.471 ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	184403	52.455 ng/ul	96
50) Acenaphthylene	14.163	152	1020605	39.720 ng/ul	98
51) 3-Nitroaniline	14.345	138	181420	47.292 ng/ul	94
52) Acenaphthene	14.504	153	735401	39.606 ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	113982	58.466 ng/ul	93
55) 4-Nitrophenol	14.704	109	167074	43.953 ng/ul	99
56) Dibenzofuran	14.839	168	1012538	39.568 ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	273820	52.519 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	219225	47.803 ng/ul#	98
59) Diethylphthalate	15.269	149	907295	45.874 ng/ul	99
61) Fluorene	15.486	166	818404	39.944 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	430290	41.109 ng/ul	100
63) 4-Nitroaniline	15.510	138	183437	49.113 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.569	198	165767	51.066 ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	710661	40.988 ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	246011	40.552 ng/ul	87
69) Hexachlorobenzene	16.492	284	279296	41.032 ng/ul	96
70) Atrazine	16.657	200	295096	45.324 ng/ul	96
71) Pentachlorophenol	16.845	266	189714	44.987 ng/ul	97
72) Phenanthrene	17.227	178	1319850	40.153 ng/ul	100
74) Anthracene	17.316	178	1320762	40.375 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	374422	38.459 ng/uL	99
76) Pentachlorobenzene	14.763	250	356708	38.364 ng/uL	93
77) Carbazole	17.586	167	1179460	40.059 ng/ul	98
78) Di-n-butylphthalate	18.157	149	1539893	50.598 ng/ul	99
80) Fluoranthene	19.245	202	1523253	47.714 ng/ul	97
82) Pyrene	19.610	202	1608755	46.650 ng/ul	98
83) Butylbenzylphthalate	20.510	149	699624	70.987 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	380404	41.028 ng/ul	98
85) Benzo(a)anthracene	21.416	228	1446848	41.881 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	981331	66.882 ng/ul	98
87) Chrysene	21.480	228	1334162	40.098 ng/ul	98
89) Di-n-octyl phthalate	22.492	149	1604054	72.298 ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1189356	44.791 ng/ul	98
91) Benzo(k)fluoranthene	23.574	252	1201896	44.338 ng/ul	98
93) Benzo(a)pyrene	24.327	252	1042500	41.434 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.892	276	1166229m	37.535 ng/ul	
95) Dibenzo(a,h)anthracene	27.939	278	938912	37.735 ng/ul	96
96) Benzo(g,h,i)perylene	28.950	276	887930	36.463 ng/ul	99

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

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