Quantitation Report (Qedit)

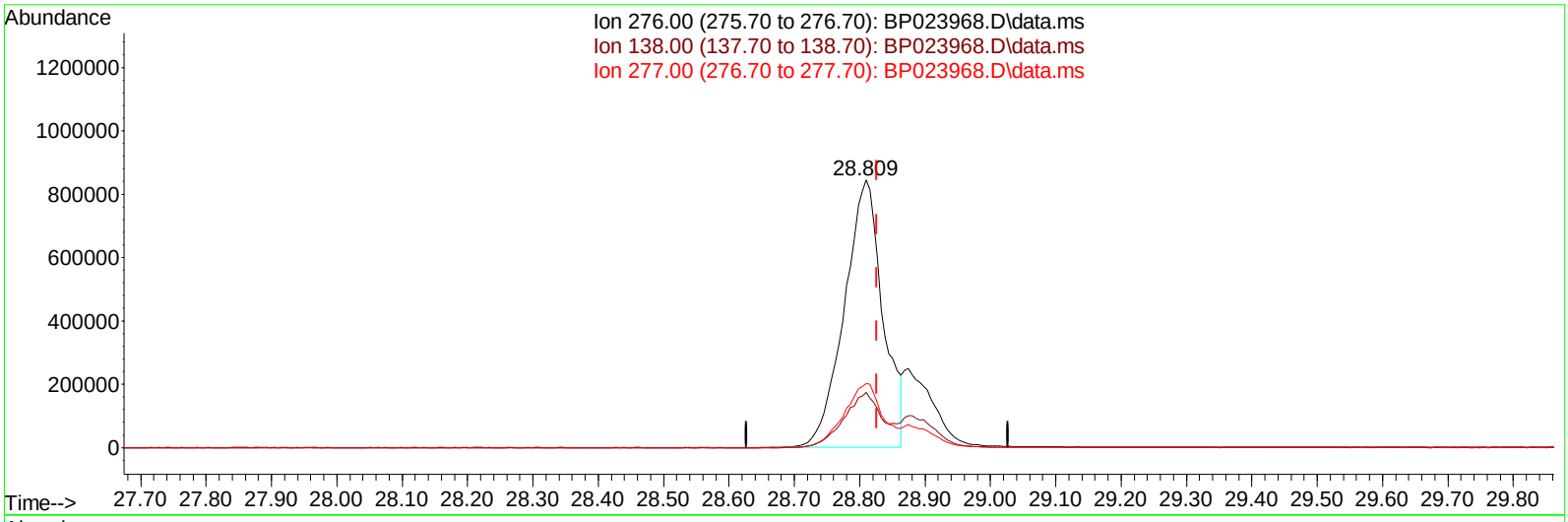
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023968.D
Acq On : 06 Feb 2025 13:17
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

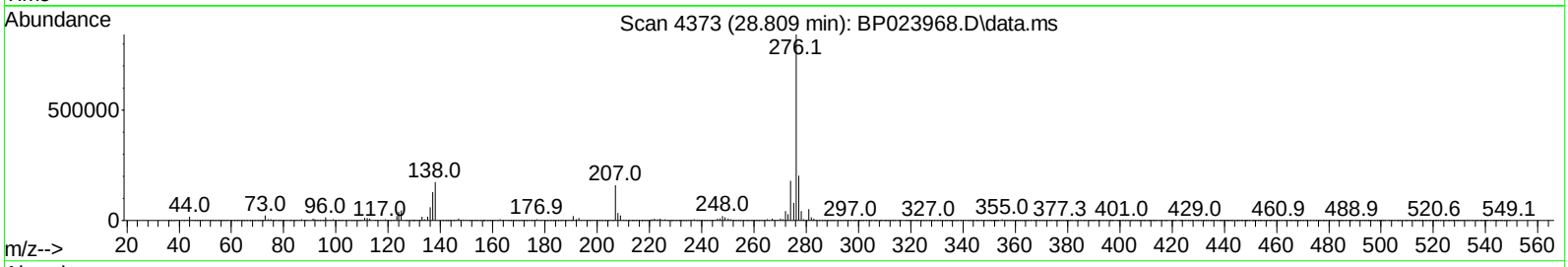
Quant Time: Feb 06 14:09:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

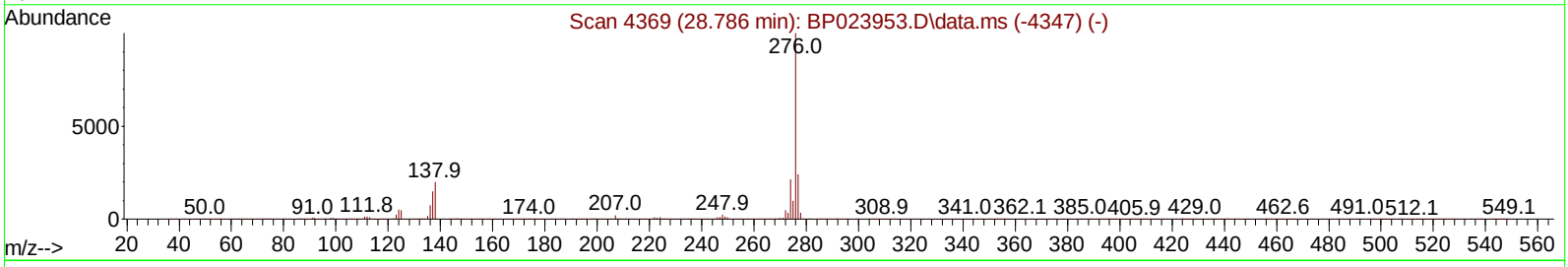
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BP023968.D\data.ms

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

28.809min (-0.018) 17.47 ng/ul

response 3453780

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.58
277.00	23.70	23.93
0.00	0.00	0.00

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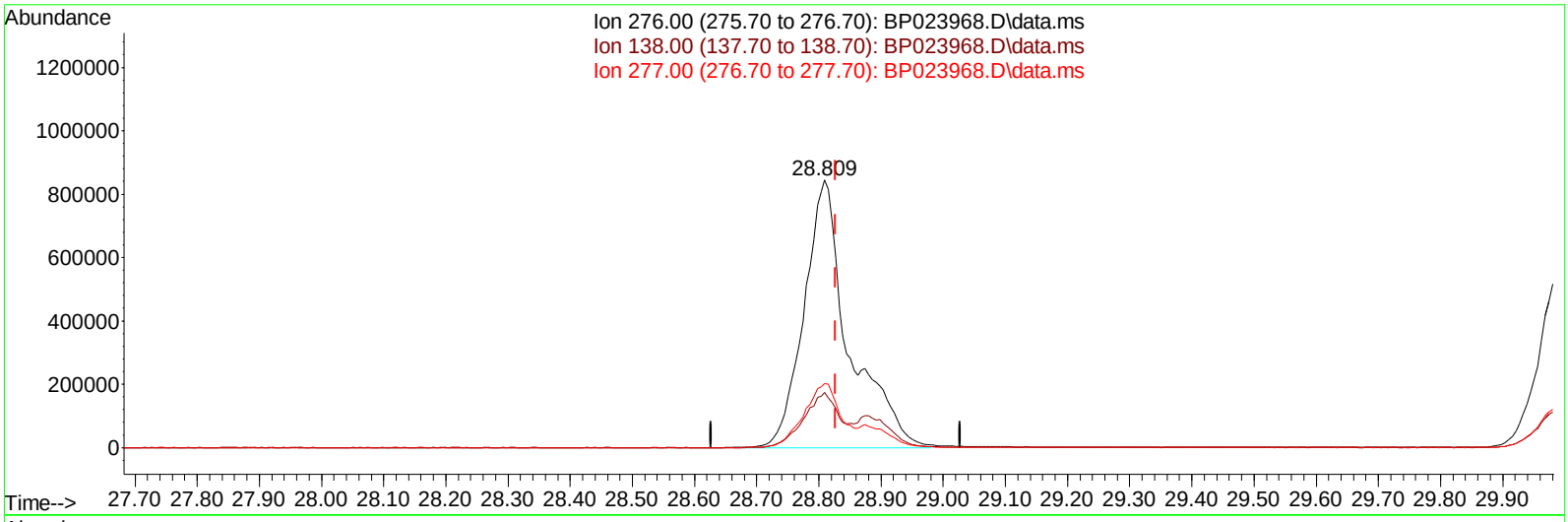

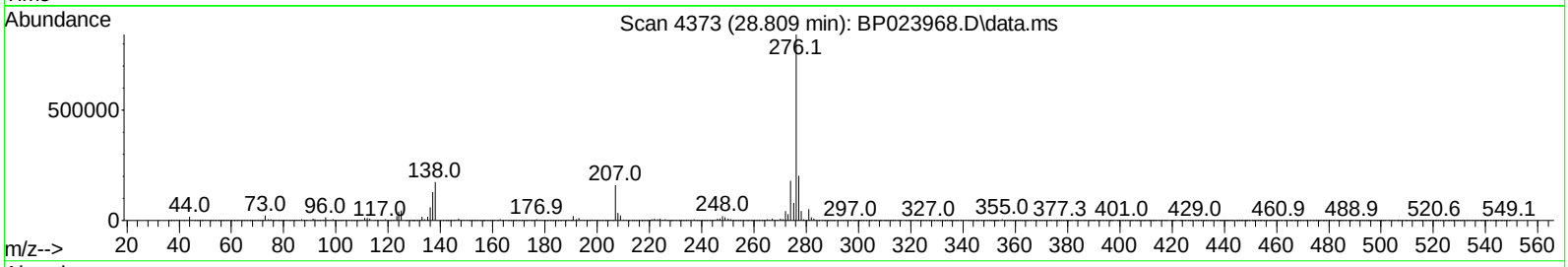

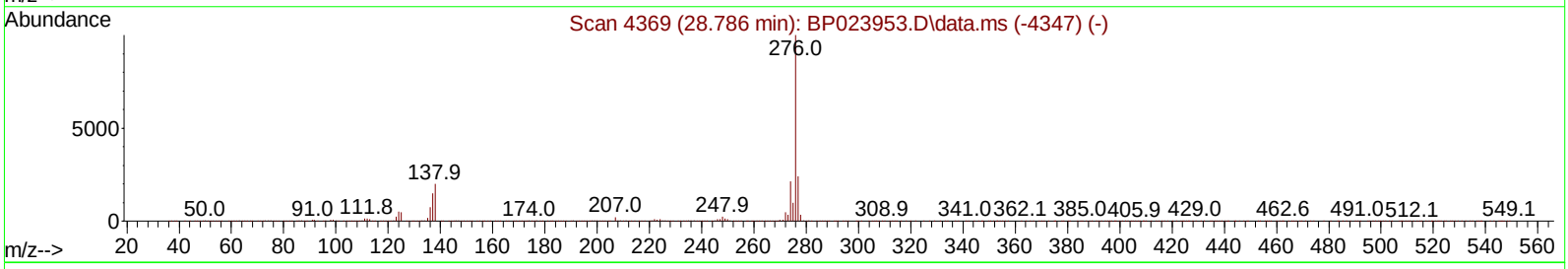

TIC: BP023968.D\data.ms

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

28.809min (-0.018) 21.43 ng/ul m

response 4237698

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.58
277.00	23.70	23.93
0.00	0.00	0.00

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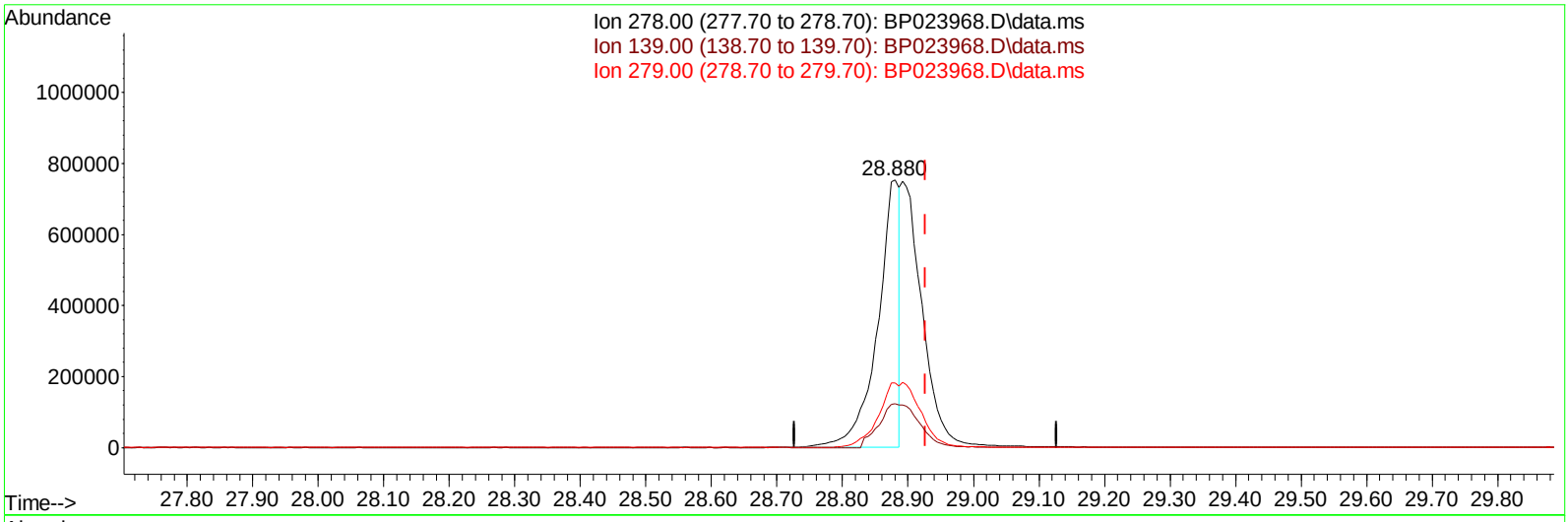

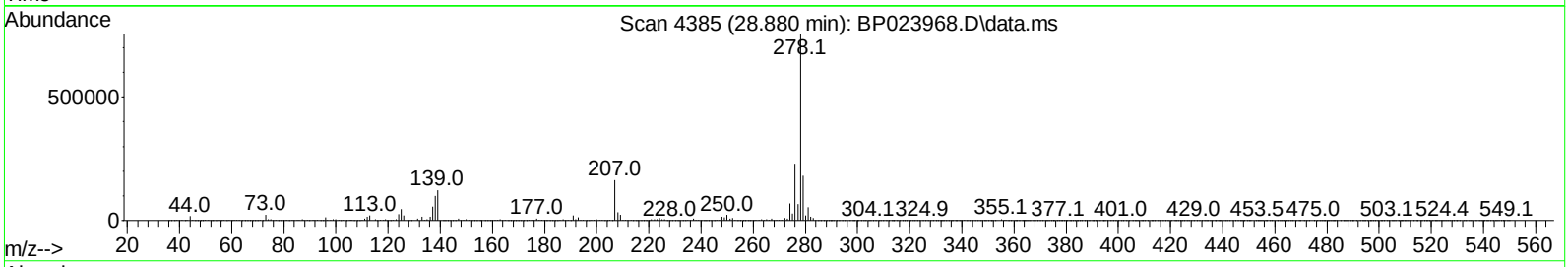

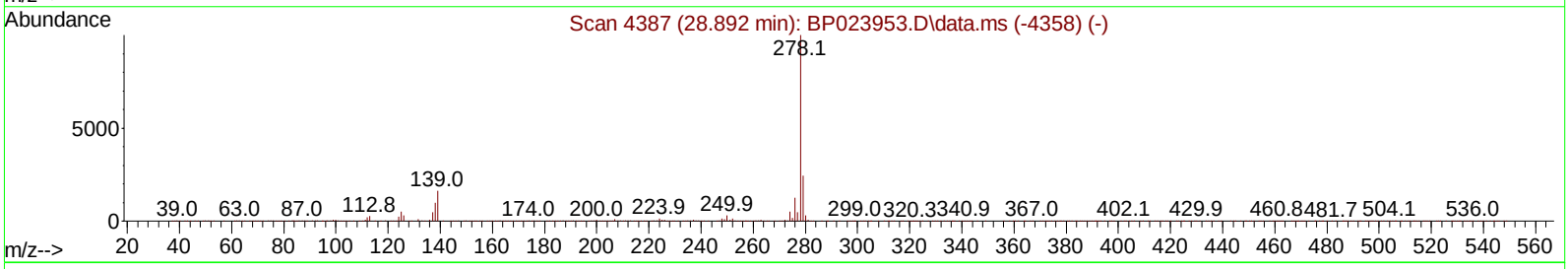

TIC: BP023968.D\data.ms

(95) Dibenzo(a,h)anthracene

28.880min (-0.047) 10.87 ng/ul

response 1743613

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.43
279.00	23.80	24.19
0.00	0.00	0.00

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ALS Vial : 41 Sample Multiplier: 1

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Instrument :
BNA_P
LabSampleId :
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Manual IntegrationsAPPROVED

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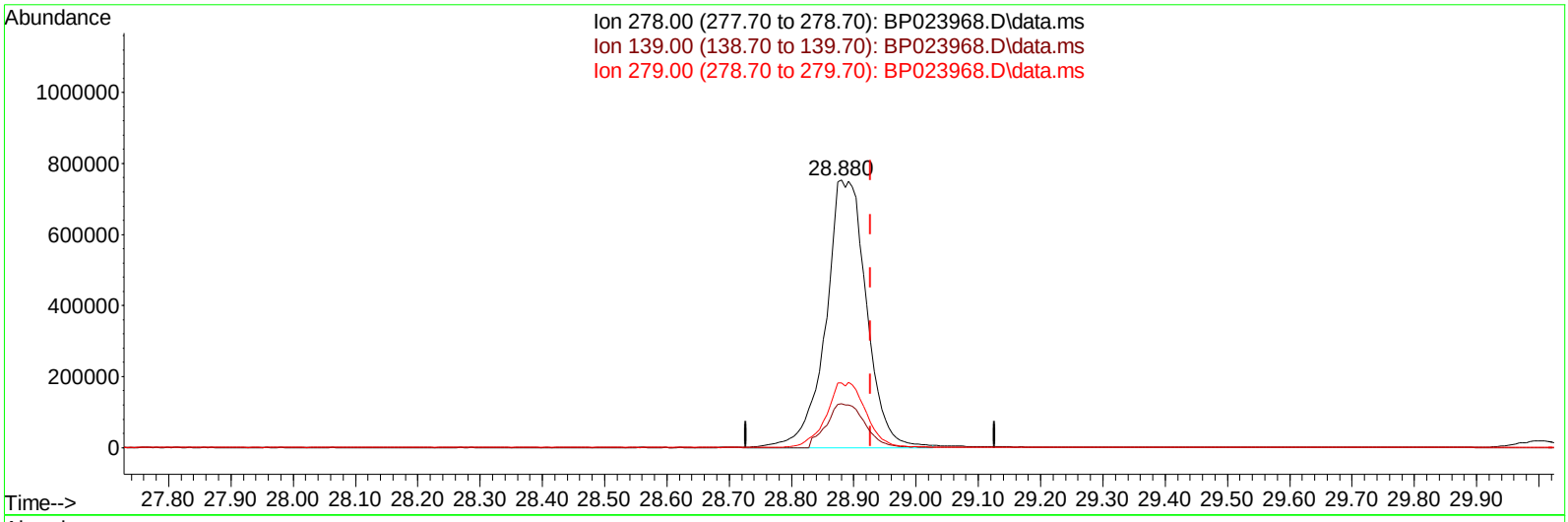

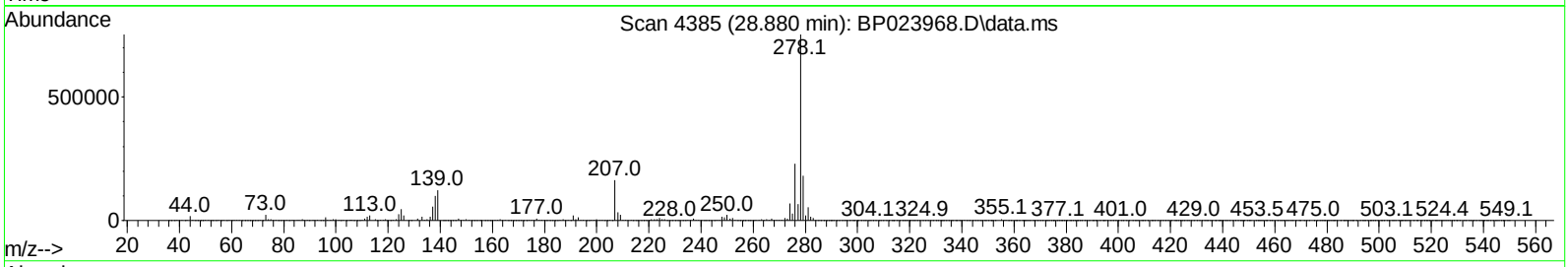

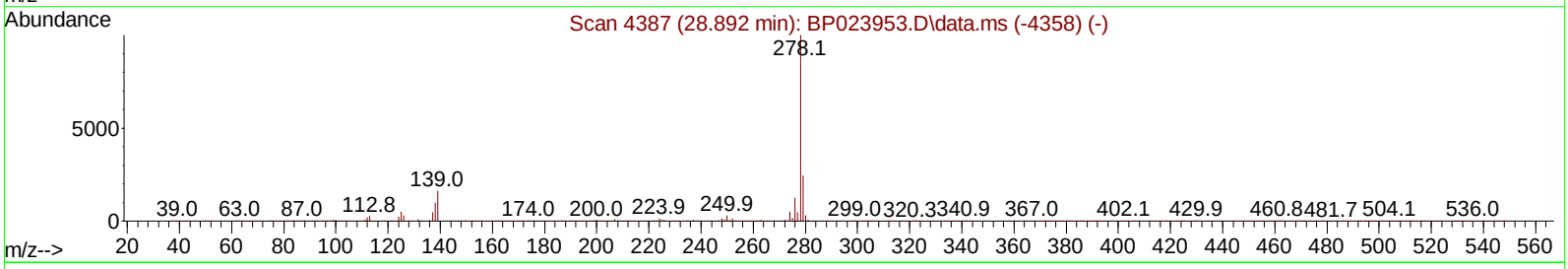

TIC: BP023968.D\data.ms

(95) Dibenzo(a,h)anthracene

28.880min (-0.047) 21.32 ng/ul m

response 3419946

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.43
279.00	23.80	24.19
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	476798	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.546	136	2020079	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	1261188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	2502990	20.000	ng/ul	-0.01
79) Chrysene-d12	21.616	240	2597178	20.000	ng/ul	-0.02
88) Perylene-d12	24.980	264	2692208	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	96628	8.420	ng/uL	0.00
4) Pyridine-d5	3.699	84	713442	21.545	ng/ul	0.00
7) Phenol-d5	6.952	99	905151	21.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	477822	21.394	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	728437	21.984	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	718628	20.849	ng/ul	0.00
21) Nitrobenzene-d5	8.911	128	359993	22.274	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	384776	22.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	715909	22.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1038557	21.707	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1954337	20.775	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	2365944	22.299	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	375726	20.111	ng/ul	0.00
60) Fluorene-d10	15.393	176	1697007	21.421	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	281315	18.218	ng/ul	0.00
73) Anthracene-d10	17.275	188	2717797	22.114	ng/ul	-0.01
81) Pyrene-d10	19.645	212	3135277	22.530	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	3097017	22.048	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	101243	8.389	ng/uL	98
5) Pyridine	3.717	79	710288	21.425	ng/ul	98
6) Benzaldehyde	6.917	77	545399	26.336	ng/ul	100
8) Phenol	6.981	94	939049	21.674	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	705215	21.382	ng/ul	99
12) 2-Chlorophenol	7.346	128	762921	22.349	ng/ul	99
13) 2-Methylphenol	8.211	108	691755	21.219	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.281	45	717791	21.095	ng/ul	99
16) Acetophenone	8.581	105	1130742	21.459	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.563	70	508808	20.506	ng/ul	98
18) 4-Methylphenol	8.534	108	769971	21.287	ng/ul	98
19) Hexachloroethane	8.840	117	291597	21.603	ng/ul	99
22) Nitrobenzene	8.952	77	793132	22.613	ng/ul	99
23) Isophorone	9.481	82	1443831	20.388	ng/ul	99
25) 2-Nitrophenol	9.658	139	426441	22.419	ng/ul	98
26) 2,4-Dimethylphenol	9.728	107	780974	22.183	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.952	93	931449	21.115	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	722268	22.263	ng/ul	99
30) Naphthalene	10.593	128	2388713	22.091	ng/ul	100
32) 4-Chloroaniline	10.699	127	981030	21.727	ng/ul	99
33) Hexachlorobutadiene	10.881	225	427715	21.777	ng/ul	100
34) Caprolactam	11.469	113	235924	18.771	ng/ul	98
35) 4-Chloro-3-methylphenol	11.834	107	731531	20.976	ng/ul	100

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Quant Title : SVOA CALIBRATION
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SSTDCCC020

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.199	142	1630628	21.448	ng/ul	100
37) 1-Methylnaphthalene	12.416	142	1611550	21.367	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	848984	22.771	ng/ul	99
40) Hexachlorocyclopentadiene	12.552	237	353683	16.834	ng/ul	98
41) 2,4,6-Trichlorophenol	12.810	196	549616	22.069	ng/ul	100
42) 2,4,5-Trichlorophenol	12.893	196	597455	22.257	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	2082627	22.246	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	1653110	22.662	ng/ul	99
45) 2-Nitroaniline	13.451	65	417793	22.007	ng/ul	94
47) Dimethylphthalate	13.834	163	1957686	20.916	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	390823	21.366	ng/ul	96
50) Acenaphthylene	14.104	152	2524736	22.345	ng/ul	100
51) 3-Nitroaniline	14.281	138	451129	22.441	ng/ul	98
52) Acenaphthene	14.446	153	1769838	22.093	ng/ul	100
53) 2,4-Dinitrophenol	14.493	184	195717	17.947	ng/ul	99
55) 4-Nitrophenol	14.622	109	276728	20.937	ng/ul	99
56) Dibenzofuran	14.787	168	2455530	22.121	ng/ul	100
57) 2,4-Dinitrotoluene	14.746	165	587202	21.582	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	493769	21.616	ng/ul	97
59) Diethylphthalate	15.216	149	1934412	20.628	ng/ul	100
61) Fluorene	15.445	166	2033898	22.086	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	984492	21.597	ng/ul	99
63) 4-Nitroaniline	15.463	138	480305	24.557	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	312525	18.409	ng/ul	97
67) N-Nitrosodiphenylamine	15.657	169	1687441	22.090	ng/ul	100
68) 4-Bromophenyl-phenylether	16.351	248	597415	21.156	ng/ul	99
69) Hexachlorobenzene	16.469	284	724695	21.180	ng/ul	99
70) Atrazine	16.628	200	616153	20.829	ng/ul	98
71) Pentachlorophenol	16.822	266	419858	19.950	ng/ul	99
72) Phenanthrene	17.216	178	3134593	22.176	ng/ul	100
74) Anthracene	17.310	178	3191514	22.389	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	843622	23.017	ng/uL	100
76) Pentachlorobenzene	14.704	250	874541	22.141	ng/uL	99
77) Carbazole	17.587	167	2937233	23.520	ng/ul	99
78) Di-n-butylphthalate	18.181	149	3252705	21.044	ng/ul	99
80) Fluoranthene	19.298	202	3603062	22.478	ng/ul	99
82) Pyrene	19.675	202	3887778	23.193	ng/ul	100
83) Butylbenzylphthalate	20.628	149	1485278	20.576	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.516	252	1196259	21.289	ng/ul	99
85) Benzo(a)anthracene	21.592	228	3764426	22.042	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	2119226	20.121	ng/ul	99
87) Chrysene	21.663	228	3511527	22.314	ng/ul	99
89) Di-n-octyl phthalate	22.822	149	3441694	21.326	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	3638659	22.274	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	3722703	22.732	ng/ul	99
93) Benzo(a)pyrene	24.821	252	3345446	21.930	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.809	276	4237698m	21.431	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	3419946m	21.320	ng/ul	
96) Benzo(g,h,i)perylene	29.998	276	3258427	21.513	ng/ul	99

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

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