Quantitation Report (Qedit)

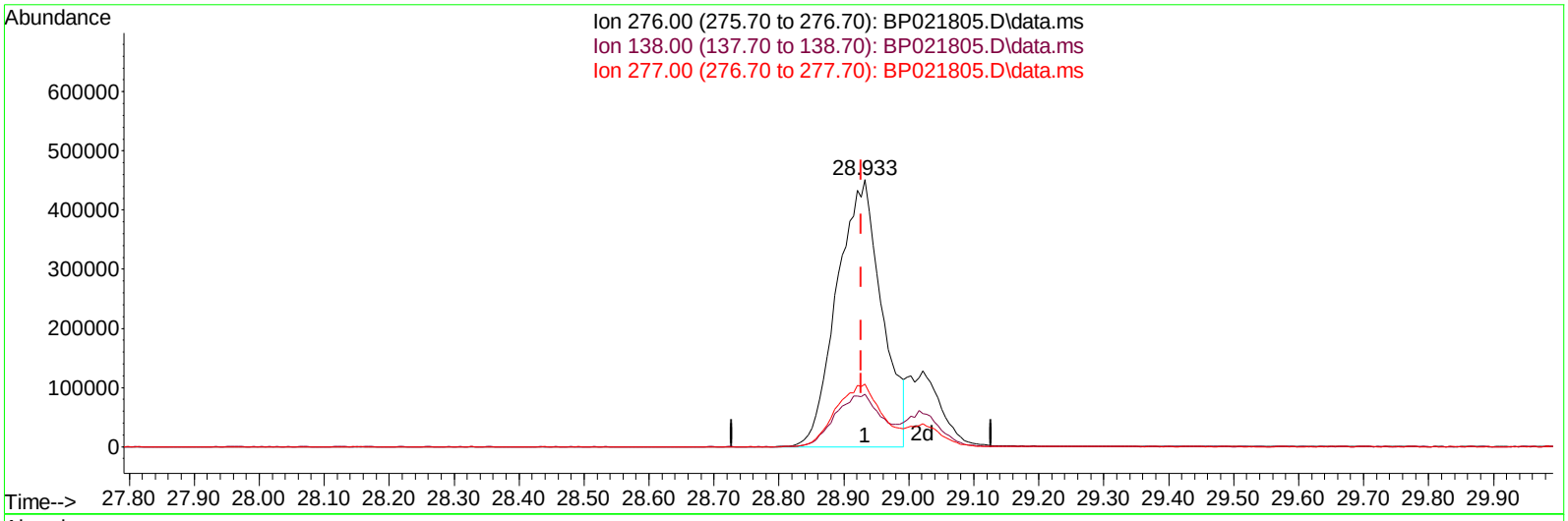
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021805.D
Acq On : 04 Sep 2024 03:47
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 22 Sample Multiplier: 1

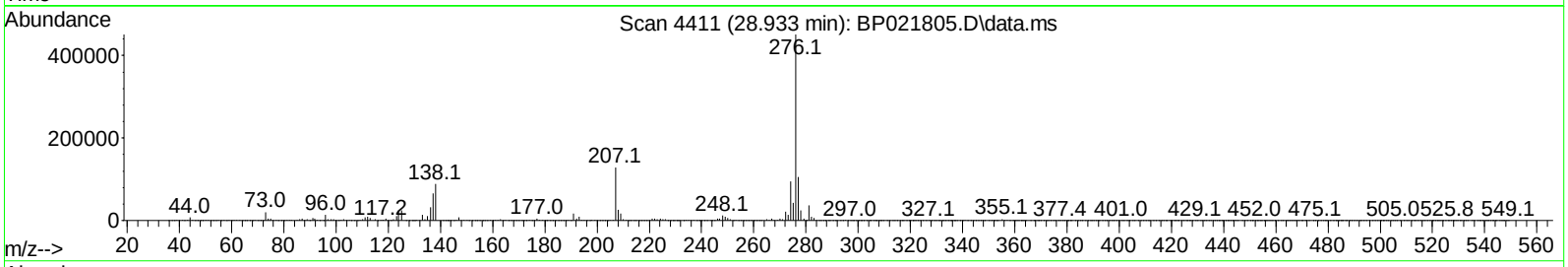
Quant Time: Sep 04 05:57:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

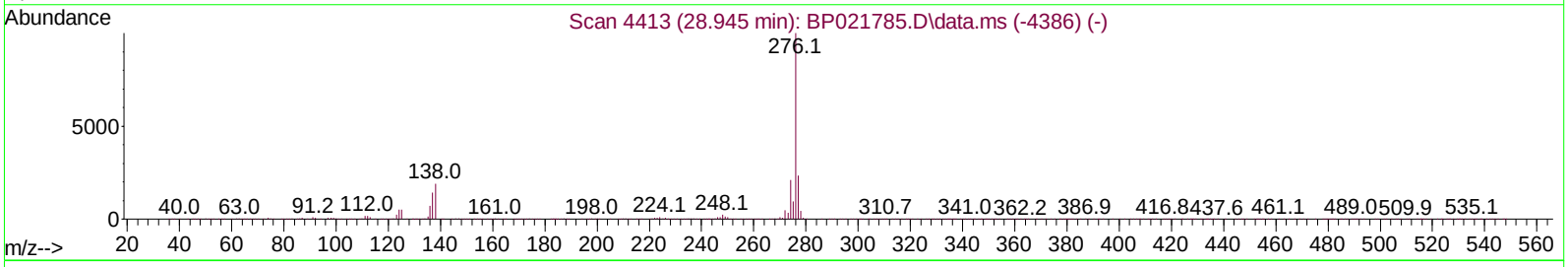
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024







TIC: BP021805.D\data.ms

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

28.933min (+ 0.006) 15.84 ng/ul

response 2152753

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.63
277.00	23.80	23.42
0.00	0.00	0.00

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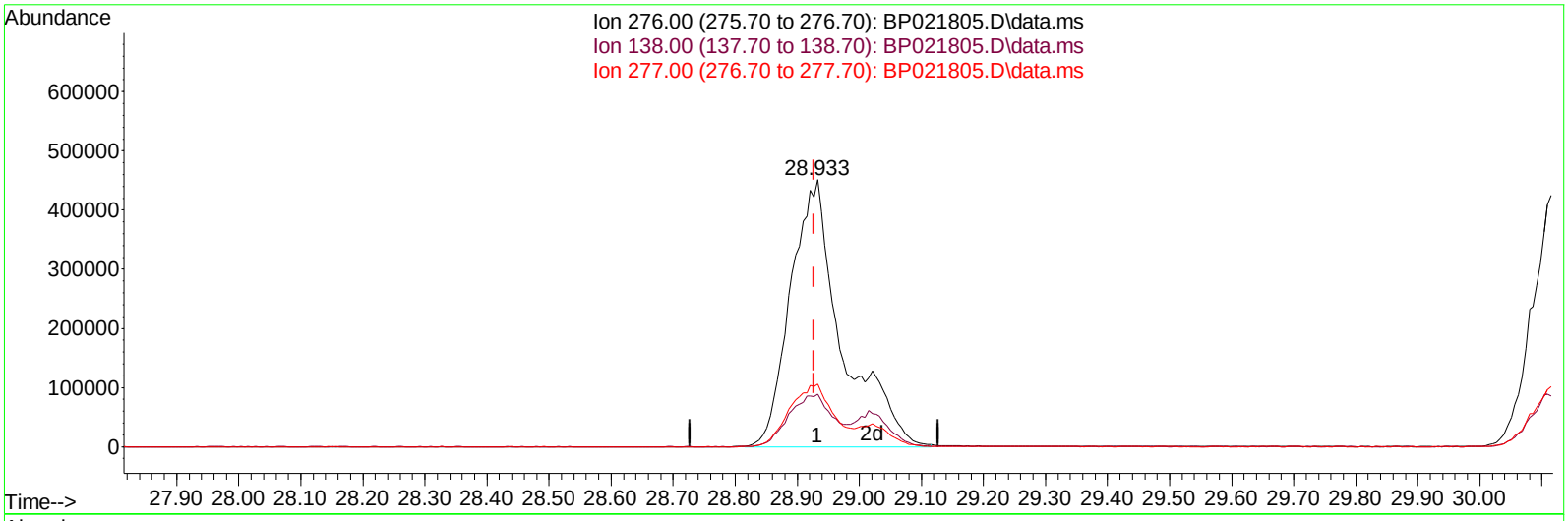

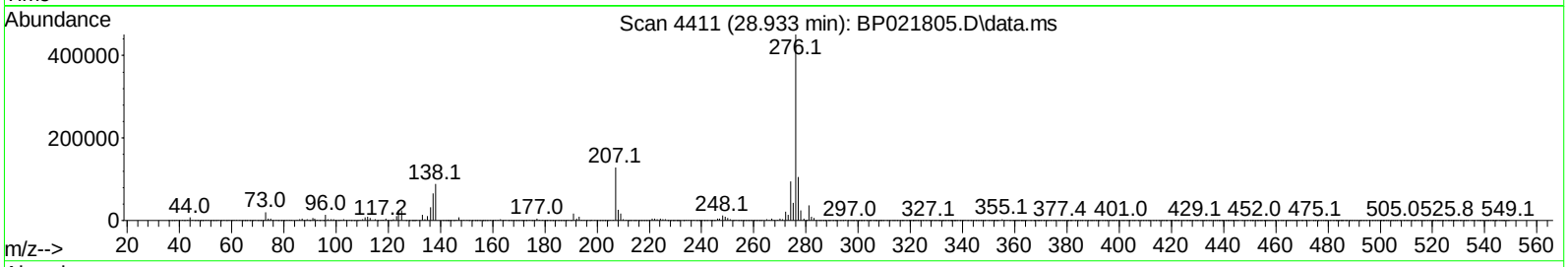

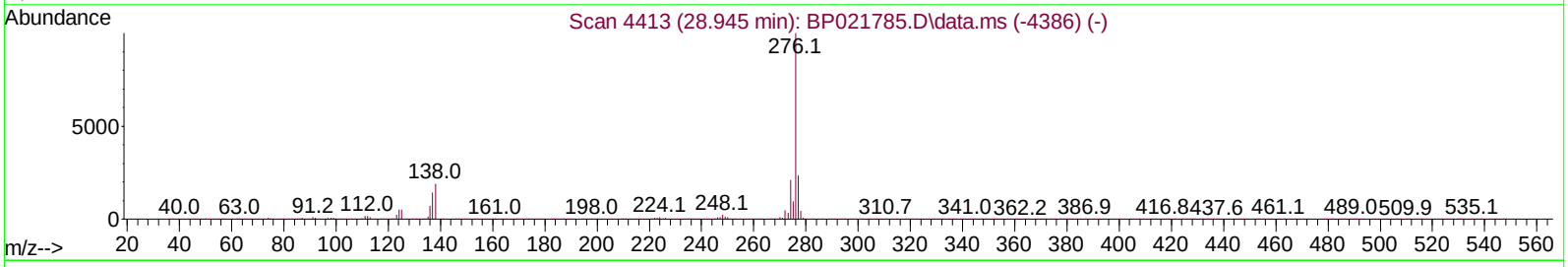

TIC: BP021805.D\data.ms

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

28.933min (+ 0.006) 19.09 ng/ul m

response 2594698

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.63
277.00	23.80	23.42
0.00	0.00	0.00

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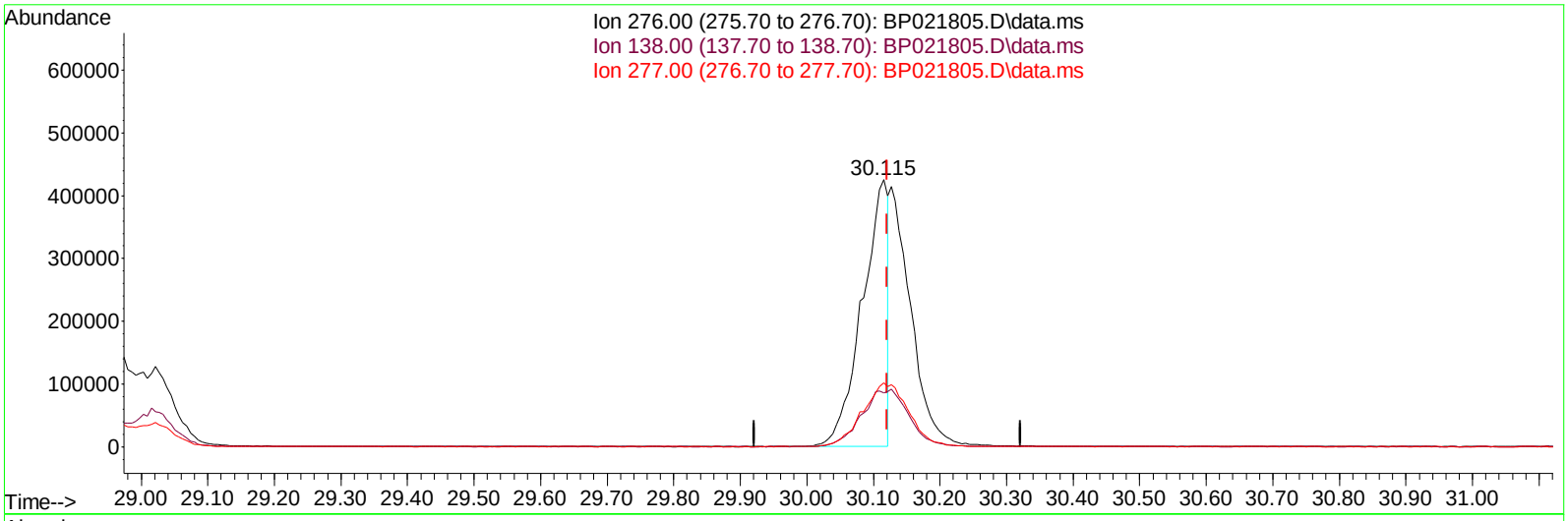

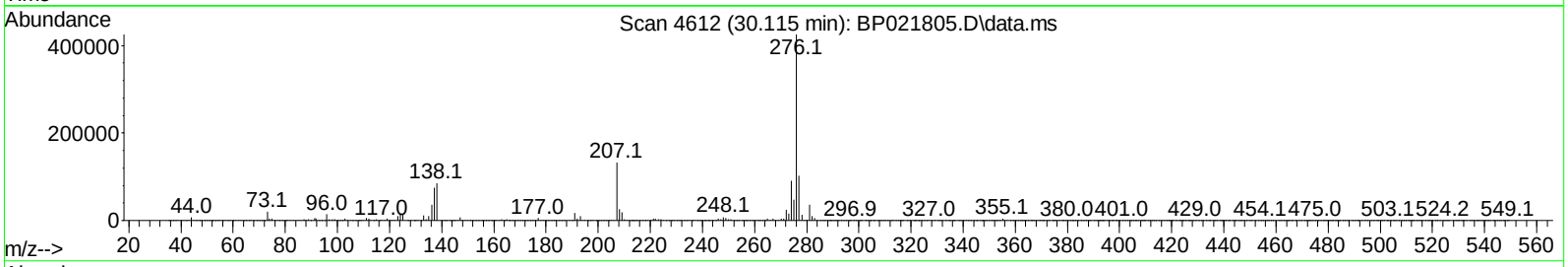

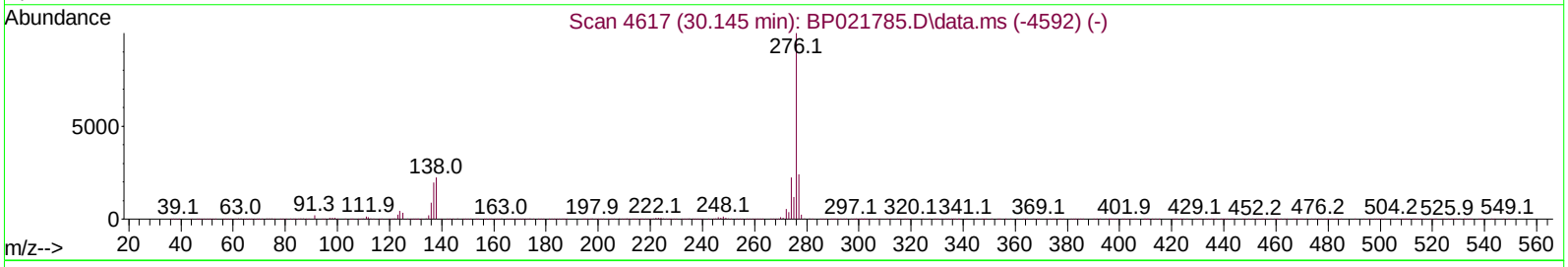

TIC: BP021805.D\data.ms

(96) Benzo(g,h,i)perylene

30.115min (-0.006) 10.85 ng/ul

response 1139420

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	20.10
277.00	24.20	23.99
0.00	0.00	0.00

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LabSampleId :
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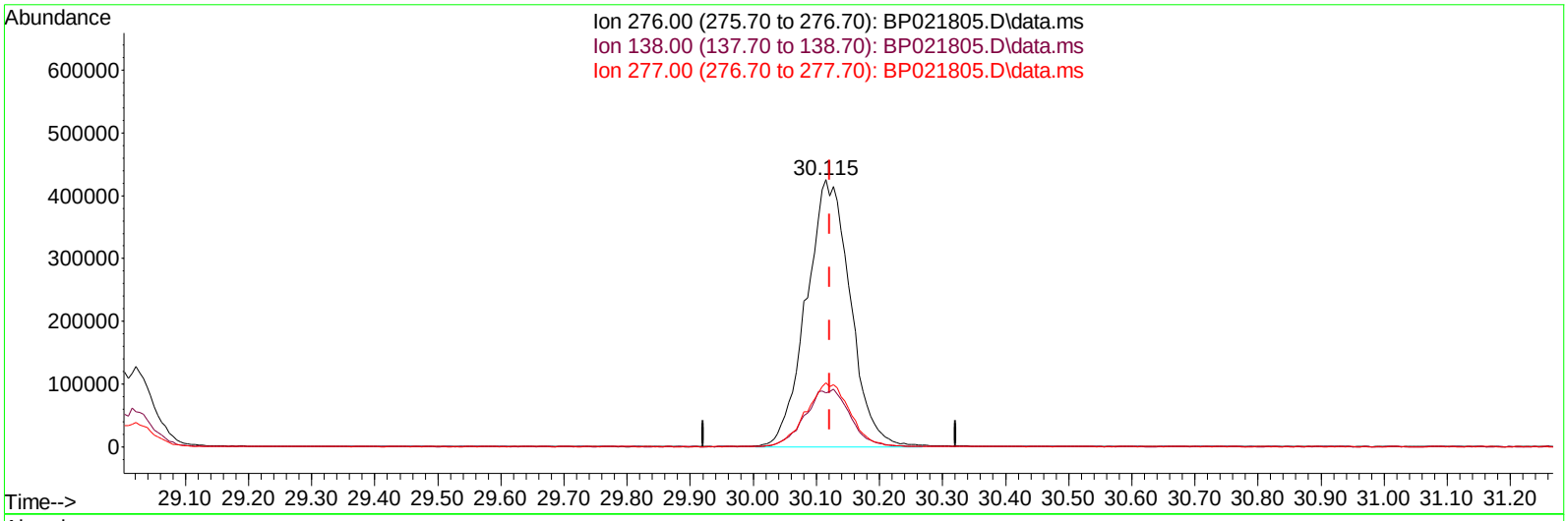

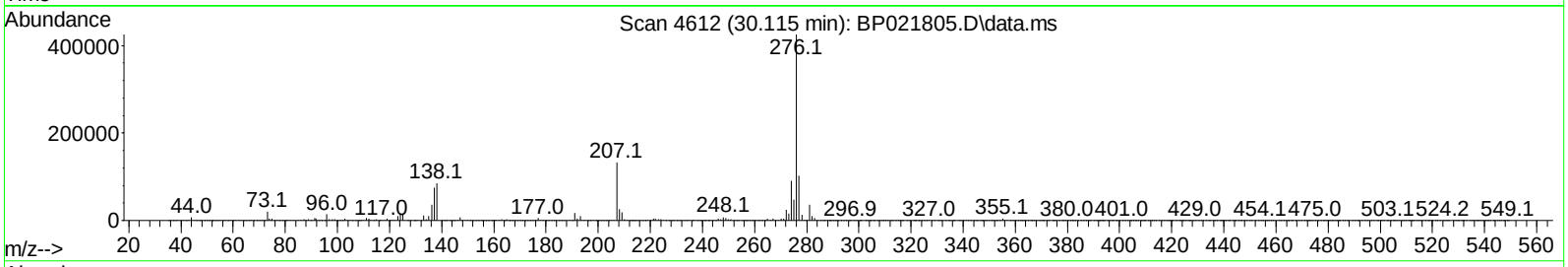

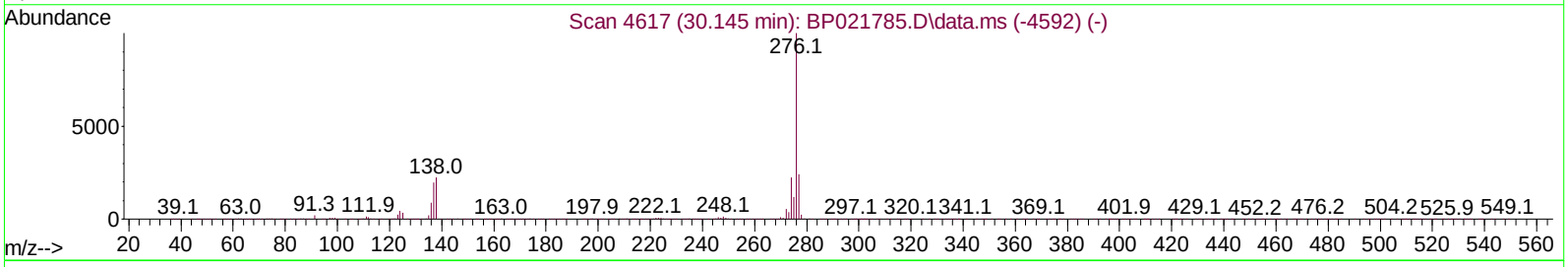

TIC: BP021805.D\data.ms

(96) Benzo(g,h,i)perylene

30.115min (-0.006) 19.56 ng/ul m

response 2053892

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	20.10
277.00	24.20	23.99
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	307855	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.563	136	1205778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	718391	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.216	188	1517794	20.000	ng/ul	-0.01
79) Chrysene-d12	21.669	240	1558290	20.000	ng/ul	0.00
88) Perylene-d12	25.068	264	1828331	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	74247	8.007	ng/uL	0.00
4) Pyridine-d5	3.681	84	533129	19.877	ng/ul	0.00
7) Phenol-d5	6.952	99	602848	18.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	337893	18.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	412352	19.440	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	453231	17.852	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	192166	19.809	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	188741	19.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	366983	18.912	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	517955	18.347	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1023921	18.627	ng/ul	-0.02
49) Acenaphthylene-d8	14.104	160	1201684	19.471	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.622	143	196839	18.822	ng/ul	0.00
60) Fluorene-d10	15.422	176	882764	19.102	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	141164	16.910	ng/ul	-0.01
73) Anthracene-d10	17.322	188	1390011	19.297	ng/ul	-0.02
81) Pyrene-d10	19.686	212	1690996	18.983	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.839	264	1892360	19.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	79505	8.067	ng/uL	96
5) Pyridine	3.705	79	529172	19.744	ng/ul	99
6) Benzaldehyde	6.922	77	383199	22.803	ng/ul	100
8) Phenol	6.975	94	637430	18.607	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.199	93	497723	18.691	ng/ul	99
12) 2-Chlorophenol	7.346	128	434082	19.498	ng/ul	99
13) 2-Methylphenol	8.216	108	441667	17.871	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	482091	18.757	ng/ul	98
16) Acetophenone	8.593	105	737680	18.124	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	334218	17.401	ng/ul	98
18) 4-Methylphenol	8.546	108	490804	18.140	ng/ul	96
19) Hexachloroethane	8.857	117	196811	19.771	ng/ul	95
22) Nitrobenzene	8.969	77	540377	19.977	ng/ul	99
23) Isophorone	9.499	82	934347	17.213	ng/ul	99
25) 2-Nitrophenol	9.675	139	215662	19.767	ng/ul	97
26) 2,4-Dimethylphenol	9.740	107	517624	19.331	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	624221	18.337	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	377016	19.335	ng/ul	98
30) Naphthalene	10.616	128	1313919	19.334	ng/ul	99
32) 4-Chloroaniline	10.722	127	531298	18.641	ng/ul	99
33) Hexachlorobutadiene	10.904	225	258147	19.731	ng/ul	97
34) Caprolactam	11.498	113	168908	20.485	ng/ul	99
35) 4-Chloro-3-methylphenol	11.851	107	474595	18.389	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	854357	18.587	ng/ul	100
37) 1-Methylnaphthalene	12.445	142	858683	18.573	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	459276	20.284	ng/ul	98
40) Hexachlorocyclopentadiene	12.581	237	270042	20.785	ng/ul	98
41) 2,4,6-Trichlorophenol	12.840	196	281522	19.311	ng/ul	98
42) 2,4,5-Trichlorophenol	12.910	196	307539	19.537	ng/ul	98
43) 1,1'-Biphenyl	13.240	154	1087705	20.012	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	865732	20.315	ng/ul	99
45) 2-Nitroaniline	13.481	65	270642	20.272	ng/ul	98
47) Dimethylphthalate	13.869	163	1014368	18.429	ng/ul	99
48) 2,6-Dinitrotoluene	13.981	165	196472	19.355	ng/ul	94
50) Acenaphthylene	14.134	152	1329329	20.028	ng/ul	99
51) 3-Nitroaniline	14.316	138	219061	19.748	ng/ul	97
52) Acenaphthene	14.481	153	922649	19.766	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	107516	17.692	ng/ul	96
55) 4-Nitrophenol	14.640	109	192668	20.121	ng/ul	97
56) Dibenzofuran	14.822	168	1271718	19.693	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	300243	19.683	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	250113	18.442	ng/ul	95
59) Diethylphthalate	15.251	149	1014338	18.352	ng/ul	99
61) Fluorene	15.481	166	1004434	19.230	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	492493	18.765	ng/ul	97
63) 4-Nitroaniline	15.498	138	229096	21.369	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	161812	17.328	ng/ul#	94
67) N-Nitrosodiphenylamine	15.692	169	869828	19.481	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	304305	18.161	ng/ul	95
69) Hexachlorobenzene	16.510	284	365252	18.362	ng/ul	97
70) Atrazine	16.669	200	306044	18.070	ng/ul	99
71) Pentachlorophenol	16.863	266	222487	17.477	ng/ul	98
72) Phenanthrene	17.257	178	1642685	19.714	ng/ul	100
74) Anthracene	17.351	178	1656391	19.621	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	457515	20.275	ng/uL	98
76) Pentachlorobenzene	14.740	250	450751	19.272	ng/uL	100
77) Carbazole	17.628	167	1542638	20.318	ng/ul	99
78) Di-n-butylphthalate	18.228	149	1682792	18.208	ng/ul	100
80) Fluoranthene	19.339	202	1944878	18.710	ng/ul	99
82) Pyrene	19.716	202	2125889	19.310	ng/ul	98
83) Butylbenzylphthalate	20.669	149	782646	17.363	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.563	252	730645	18.605	ng/ul	99
85) Benzo(a)anthracene	21.651	228	2150140	19.397	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	1133075	17.031	ng/ul	99
87) Chrysene	21.716	228	2022223	19.385	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	1885526	16.292	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	2251318	19.679	ng/ul	98
91) Benzo(k)fluoranthene	24.068	252	2180881	19.473	ng/ul	100
93) Benzo(a)pyrene	24.910	252	2102342	19.947	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	2594698m	19.093	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	2100879	19.239	ng/ul	99
96) Benzo(g,h,i)perylene	30.115	276	2053892m	19.561	ng/ul	

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

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BNA_P
LabSampleId :
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