Quantitation Report (Qedit)

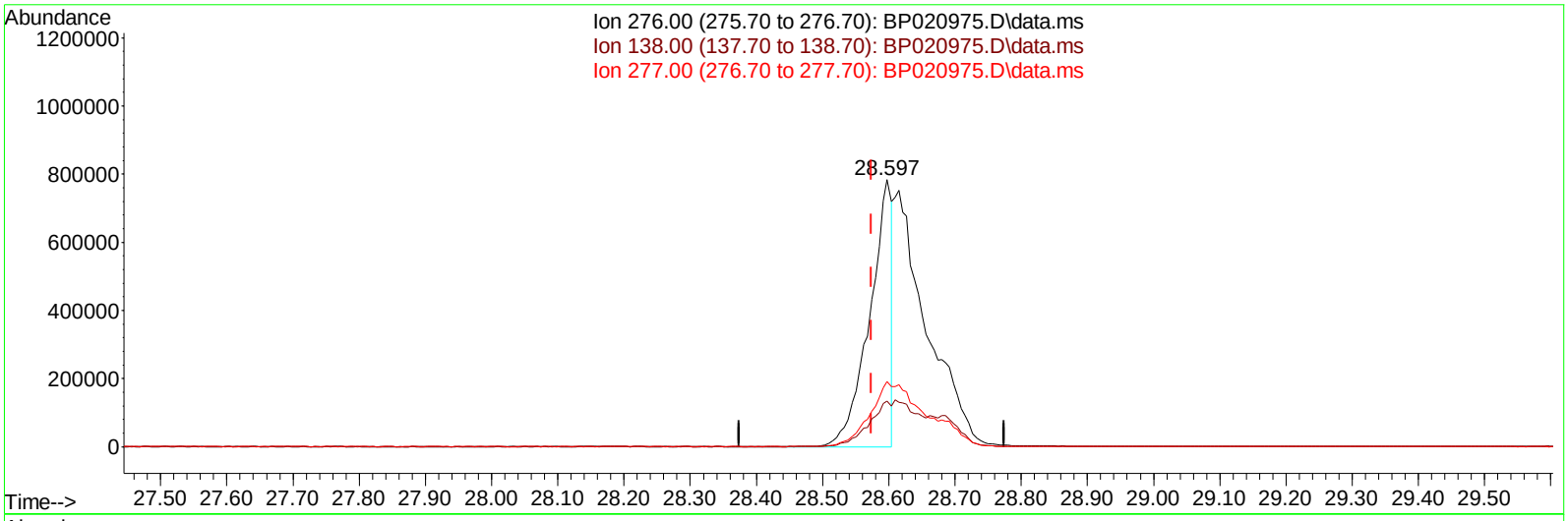
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020975.D
Acq On : 16 Jul 2024 02:52
Operator : MA/JU
Sample : P3100-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

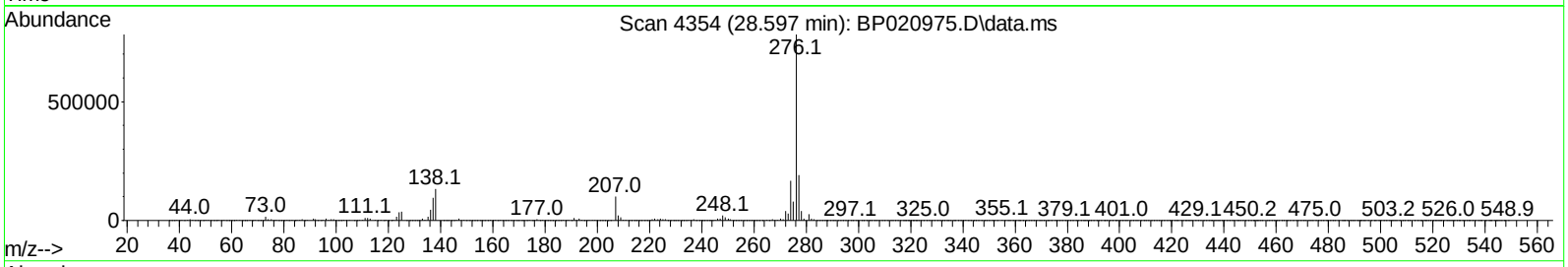
Quant Time: Jul 16 03:35:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

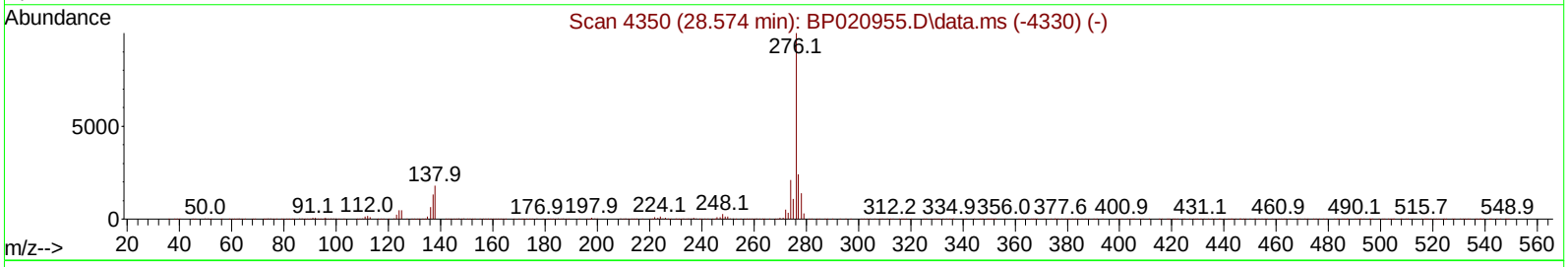
Instrument :
BNA_P
ClientSampleId :
A4CD1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024







TIC: BP020975.D\data.ms

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

28.597min (+ 0.023) 17.23 ng/ul

response 1812781

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.06
277.00	24.00	24.32
0.00	0.00	0.00

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BNA_P
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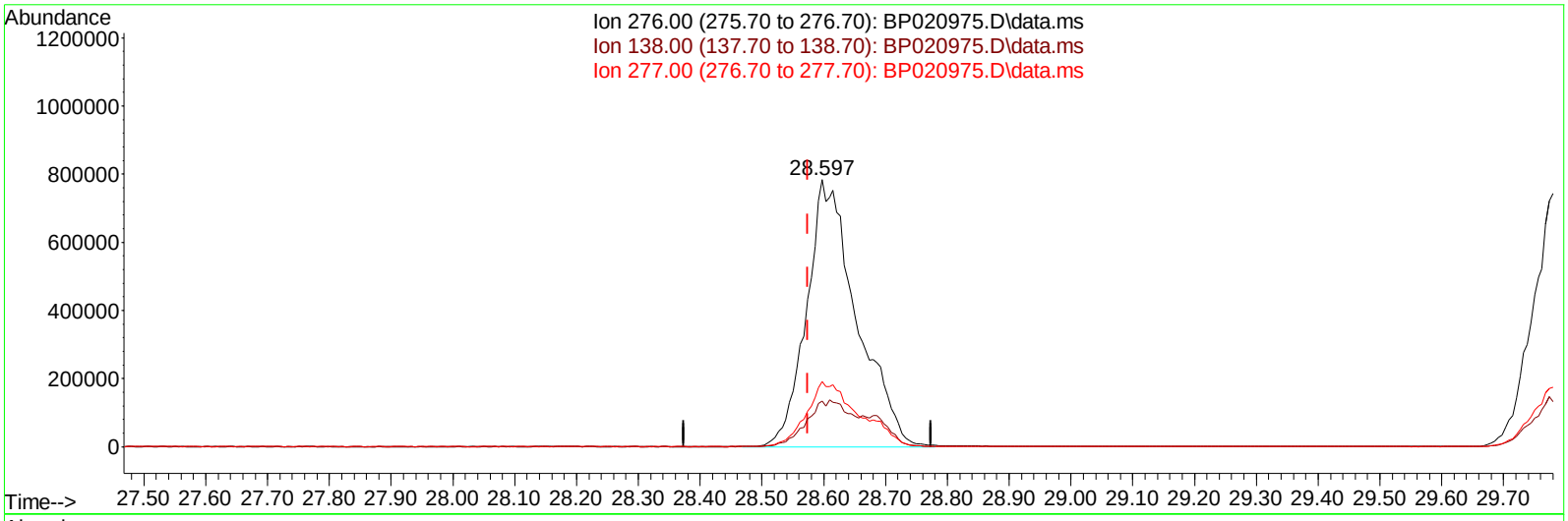

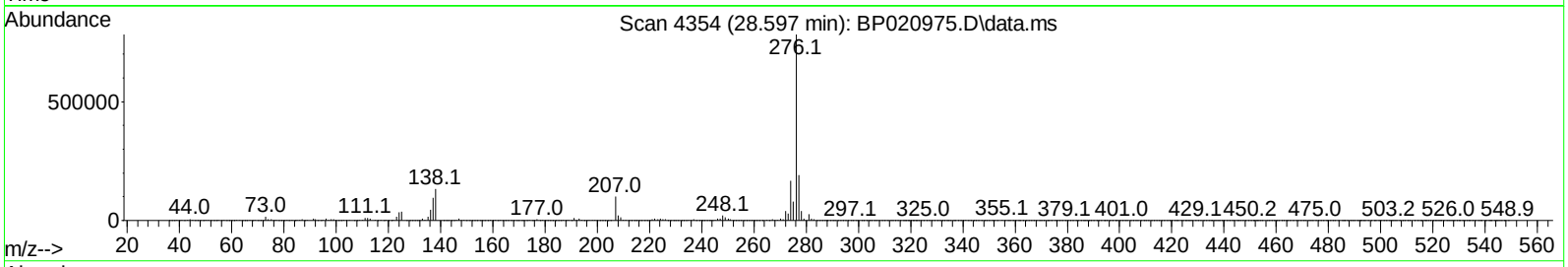

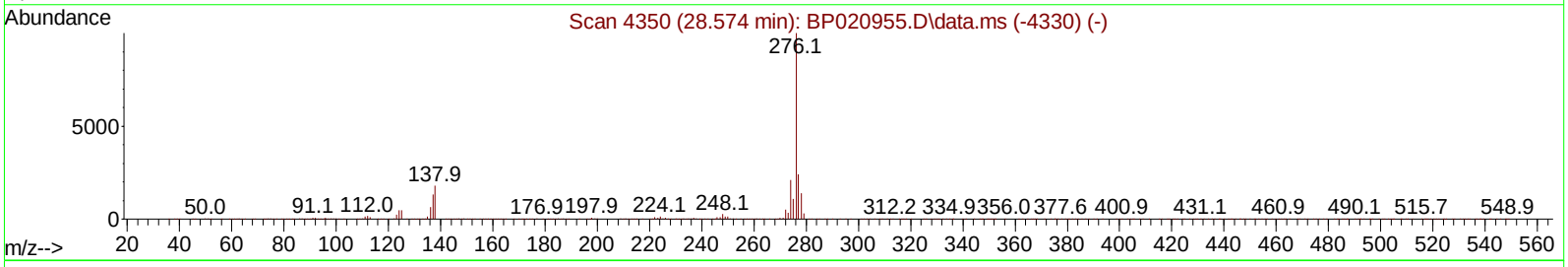

TIC: BP020975.D\data.ms

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

28.597min (+ 0.023) 41.92 ng/ul m

response 4409622

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.06
277.00	24.00	24.32
0.00	0.00	0.00

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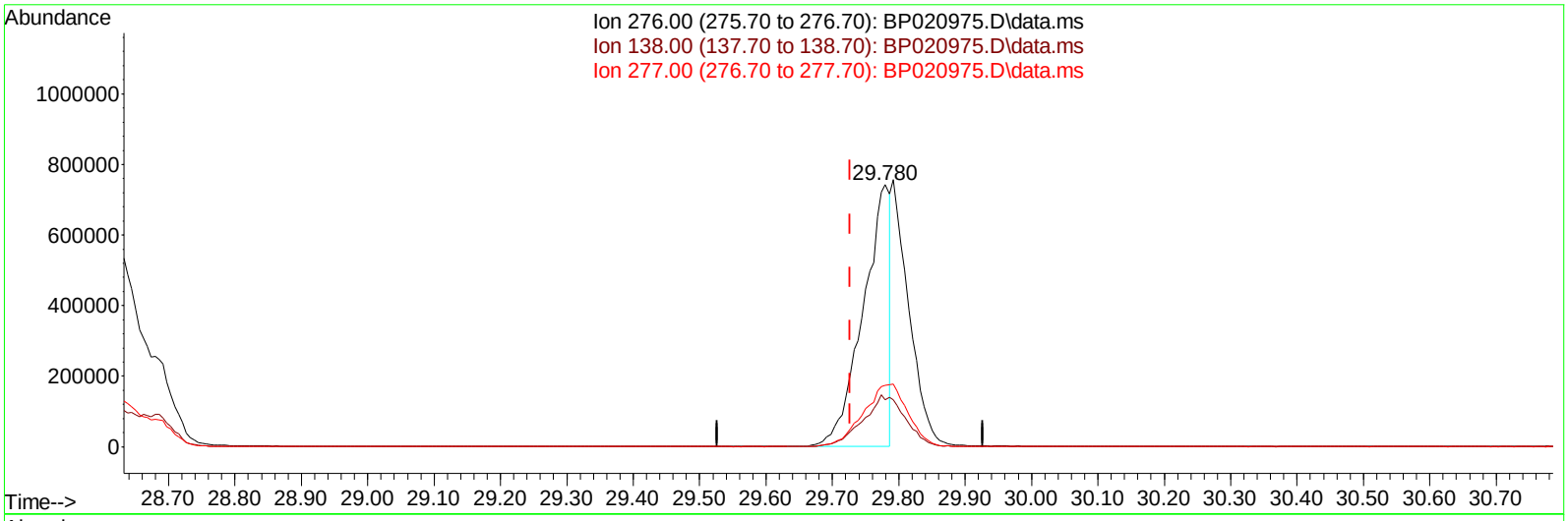

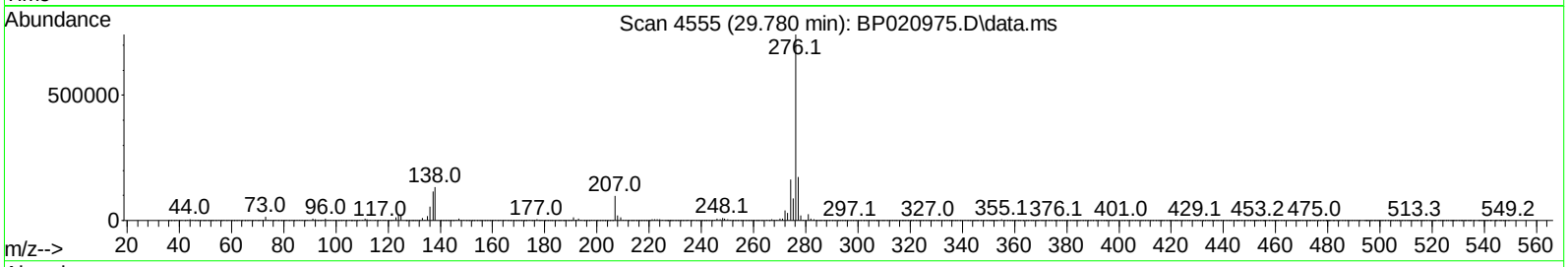

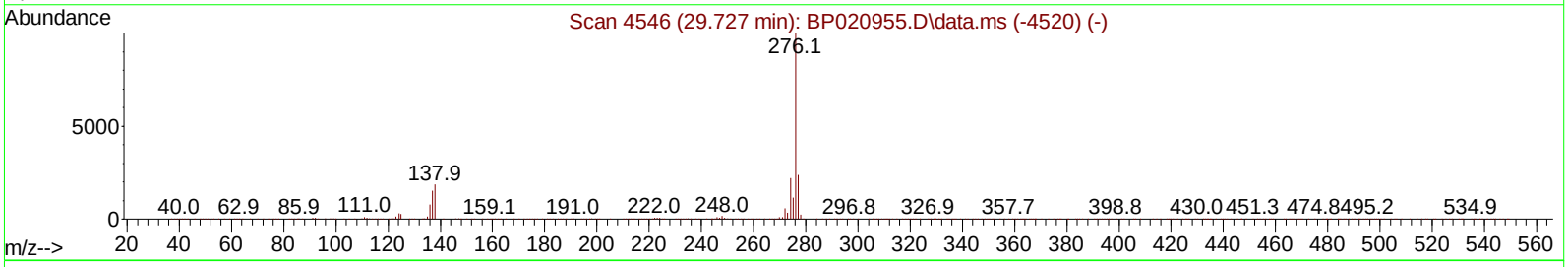

TIC: BP020975.D\data.ms

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

29.780min (+ 0.053) 24.37 ng/ul

response 2087205

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.83
277.00	22.70	23.56
0.00	0.00	0.00

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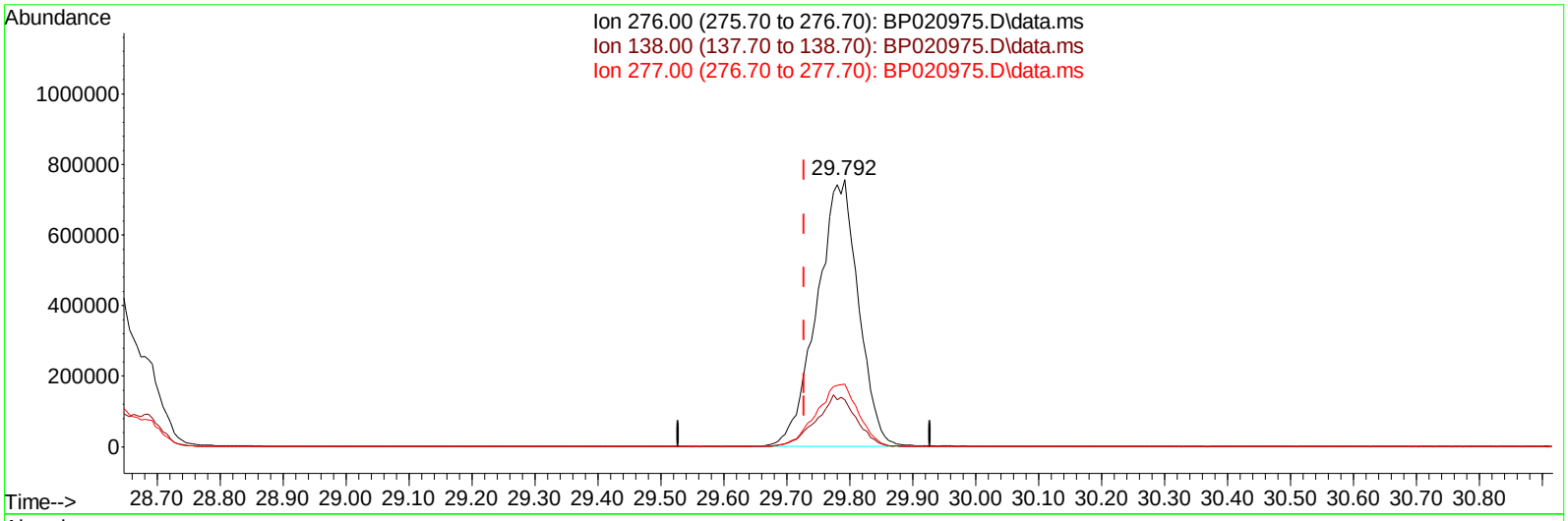

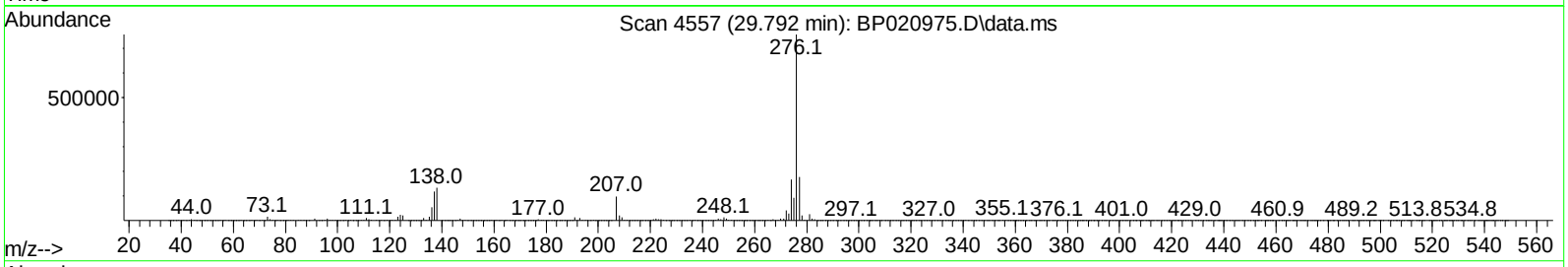

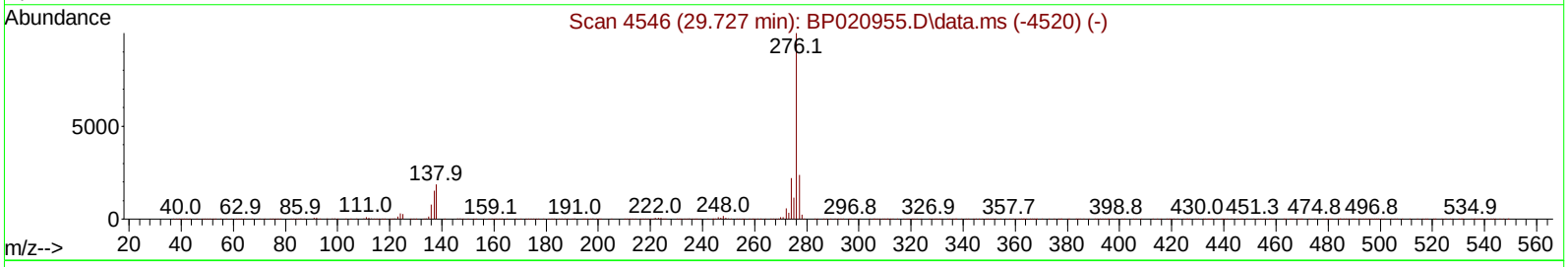

TIC: BP020975.D\data.ms

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

29.792min (+ 0.064) 40.52 ng/ul m

response 3471163

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.62
277.00	22.70	23.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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A4CD1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	223901	20.000	ng/ul	0.01
20) Naphthalene-d8	10.469	136	887153	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.322	164	554871	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1149755	20.000	ng/ul	0.01
79) Chrysene-d12	21.568	240	1149841	20.000	ng/ul	0.02
88) Perylene-d12	24.862	264	1423360	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	26194	5.324	ng/uL	0.01
4) Pyridine-d5	3.664	84	337226	23.674	ng/ul	0.01
7) Phenol-d5	6.905	99	570233	31.239	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	336950	30.459	ng/ul	0.01
11) 2-Chlorophenol-d4	7.252	132	470727	31.299	ng/ul	0.02
15) 4-Methylphenol-d8	8.416	113	427614	28.205	ng/ul	0.02
21) Nitrobenzene-d5	8.846	128	233471	33.882	ng/ul	0.02
24) 2-Nitrophenol-d4	9.557	143	268298	34.019	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.104	165	484649	33.984	ng/ul	0.02
31) 4-Chloroaniline-d4	10.604	131	577193	30.551	ng/ul	0.02
46) Dimethylphthalate-d6	13.728	166	1392893	34.532	ng/ul	0.02
49) Acenaphthylene-d8	14.010	160	1570727	34.680	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	207141	36.094	ng/ul	0.00
60) Fluorene-d10	15.328	176	1165601	35.224	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	238590	34.297	ng/ul	0.00
73) Anthracene-d10	17.227	188	1775532	34.769	ng/ul	0.00
81) Pyrene-d10	19.610	212	2146385	30.193	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.645	264	2470152	35.187	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	78888	14.578	ng/uL	98
5) Pyridine	3.681	79	484134	32.951	ng/ul	97
6) Benzaldehyde	6.869	77	230448	25.041	ng/ul	98
8) Phenol	6.928	94	736089	39.851	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.140	93	566004	37.093	ng/ul	99
12) 2-Chlorophenol	7.281	128	593301	39.360	ng/ul	99
13) 2-Methylphenol	8.152	108	536304	37.543	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	792860	35.965	ng/ul	98
16) Acetophenone	8.516	105	893840	38.199	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	443137	36.144	ng/ul	98
18) 4-Methylphenol	8.481	108	593480	38.779	ng/ul	100
19) Hexachloroethane	8.751	117	244000	36.022	ng/ul	100
22) Nitrobenzene	8.893	77	656268	39.758	ng/ul	98
23) Isophorone	9.416	82	1253347	38.194	ng/ul	100
25) 2-Nitrophenol	9.587	139	349144	42.447	ng/ul	98
26) 2,4-Dimethylphenol	9.657	107	461133	28.430	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.881	93	747726	37.487	ng/ul	100
29) 2,4-Dichlorophenol	10.134	162	580902	41.332	ng/ul	99
30) Naphthalene	10.516	128	1832734	39.274	ng/ul	100
32) 4-Chloroaniline	10.628	127	584389	32.393	ng/ul	98
33) Hexachlorobutadiene	10.775	225	402526	38.196	ng/ul	100
34) Caprolactam	11.445	113	163157	37.684	ng/ul	94
35) 4-Chloro-3-methylphenol	11.769	107	641979	42.022	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CD1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	1252024	39.086	ng/ul	98
37) 1-Methylnaphthalene	12.340	142	1304667	39.602	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	751509	41.704	ng/ul	98
40) Hexachlorocyclopentadiene	12.457	237	232766	24.692	ng/ul	98
41) 2,4,6-Trichlorophenol	12.745	196	470224	41.297	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	522506	43.371	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	1659150	40.915	ng/ul	99
44) 2-Chloronaphthalene	13.187	162	1319340	40.755	ng/ul	99
45) 2-Nitroaniline	13.410	65	412047	46.027	ng/ul	98
47) Dimethylphthalate	13.775	163	1673814	40.897	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	354628	43.339	ng/ul	96
50) Acenaphthylene	14.039	152	2072109	40.407	ng/ul	100
51) 3-Nitroaniline	14.245	138	350306	49.197	ng/ul	94
52) Acenaphthene	14.381	153	1355331	39.820	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	190056	44.228	ng/ul	97
55) 4-Nitrophenol	14.592	109	218324	46.767	ng/ul	98
56) Dibenzofuran	14.722	168	1931942	41.450	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	511642	45.550	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	412055	39.942	ng/ul	96
59) Diethylphthalate	15.157	149	1655261	40.468	ng/ul	100
61) Fluorene	15.386	166	1560632	41.032	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	811868	39.338	ng/ul	98
63) 4-Nitroaniline	15.428	138	346025	58.681	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	316288	42.873	ng/ul#	96
67) N-Nitrosodiphenylamine	15.604	169	1358746	40.583	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	536469	39.808	ng/ul	98
69) Hexachlorobenzene	16.404	284	622340	40.275	ng/ul	98
70) Atrazine	16.580	200	330825	27.112	ng/ul	99
71) Pentachlorophenol	16.769	266	305027	36.346	ng/ul	98
72) Phenanthrene	17.175	178	2478098	41.548	ng/ul	100
74) Anthracene	17.257	178	2456191	40.394	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	790277	42.944	ng/uL	100
76) Pentachlorobenzene	14.639	250	668808	36.575	ng/uL	99
77) Carbazole	17.557	167	2248307	45.232	ng/ul	100
78) Di-n-butylphthalate	18.127	149	2781747	40.563	ng/ul	100
80) Fluoranthene	19.263	202	2963997	34.526	ng/ul	100
82) Pyrene	19.639	202	3123390	35.753	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1290097	35.444	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	1057022	40.230	ng/ul	100
85) Benzo(a)anthracene	21.545	228	3306158	41.046	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1808854	34.533	ng/ul	99
87) Chrysene	21.616	228	3124990	41.753	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	3407927	36.244	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	3588843	41.549	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	3427329	39.760	ng/ul	99
93) Benzo(a)pyrene	24.721	252	3044397	37.298	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.597	276	4409622m	41.924	ng/ul	
95) Dibenzo(a,h)anthracene	28.692	278	3614304	41.497	ng/ul	98
96) Benzo(g,h,i)perylene	29.792	276	3471163m	40.522	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
A4CD1MSD

Manual IntegrationsAPPROVED

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