Quantitation Report (Qedit)

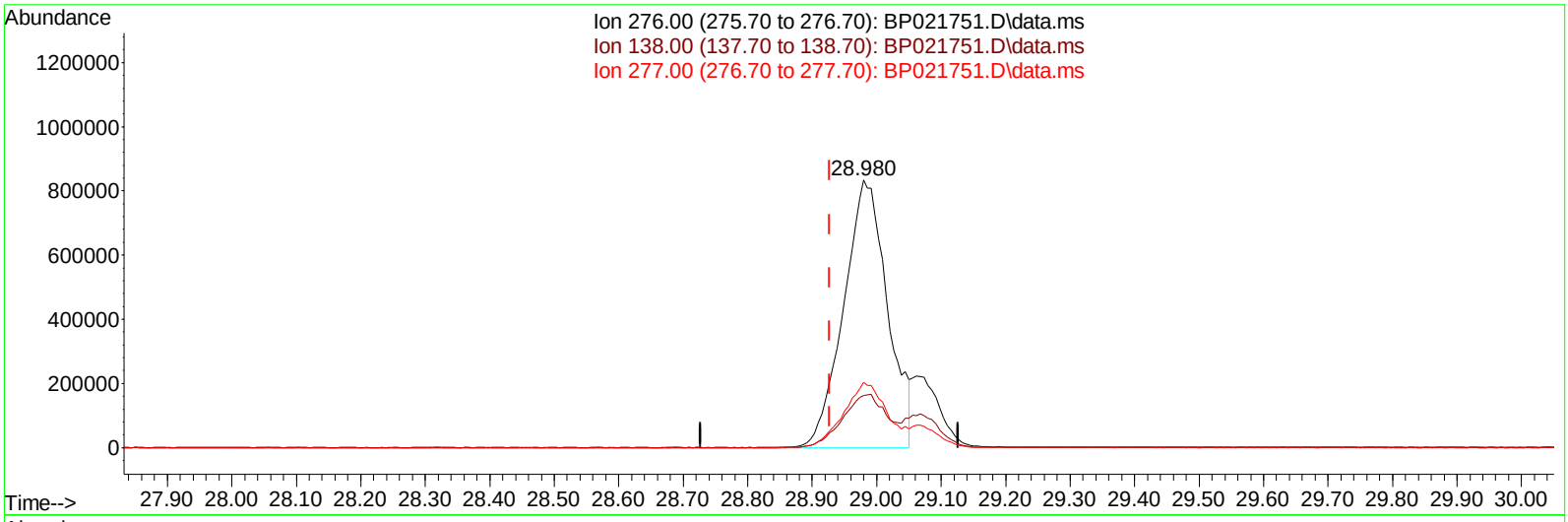
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021751.D
Acq On : 30 Aug 2024 13:27
Operator : RC/JU
Sample : PB163016BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

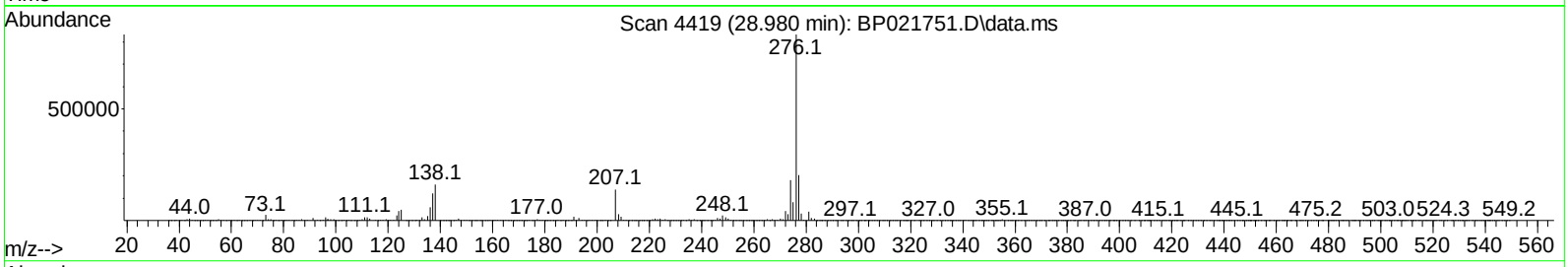
Quant Time: Aug 30 14:50:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

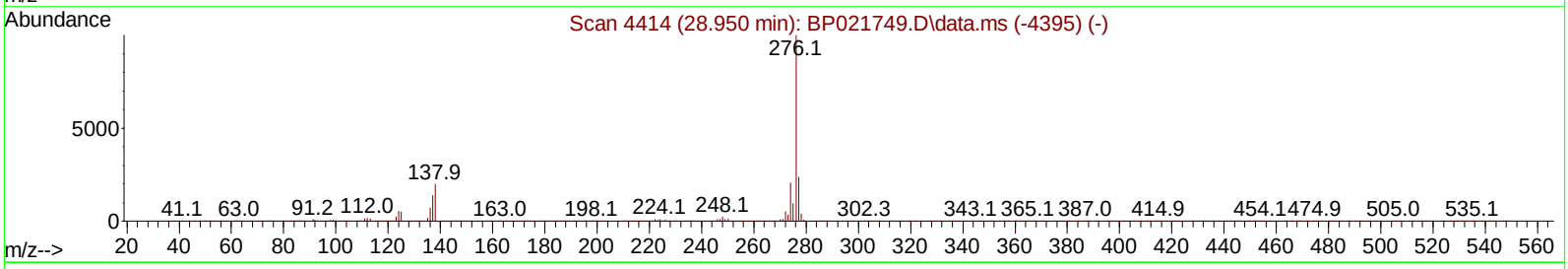
Instrument :
BNA_P
ClientSampleId :
SLCS016

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024







TIC: BP021751.D\data.ms

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

28.980min (+ 0.053) 27.52 ng/ul

response 3946988

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.47
277.00	23.80	24.40
0.00	0.00	0.00

Quantitation Report (Qedit)

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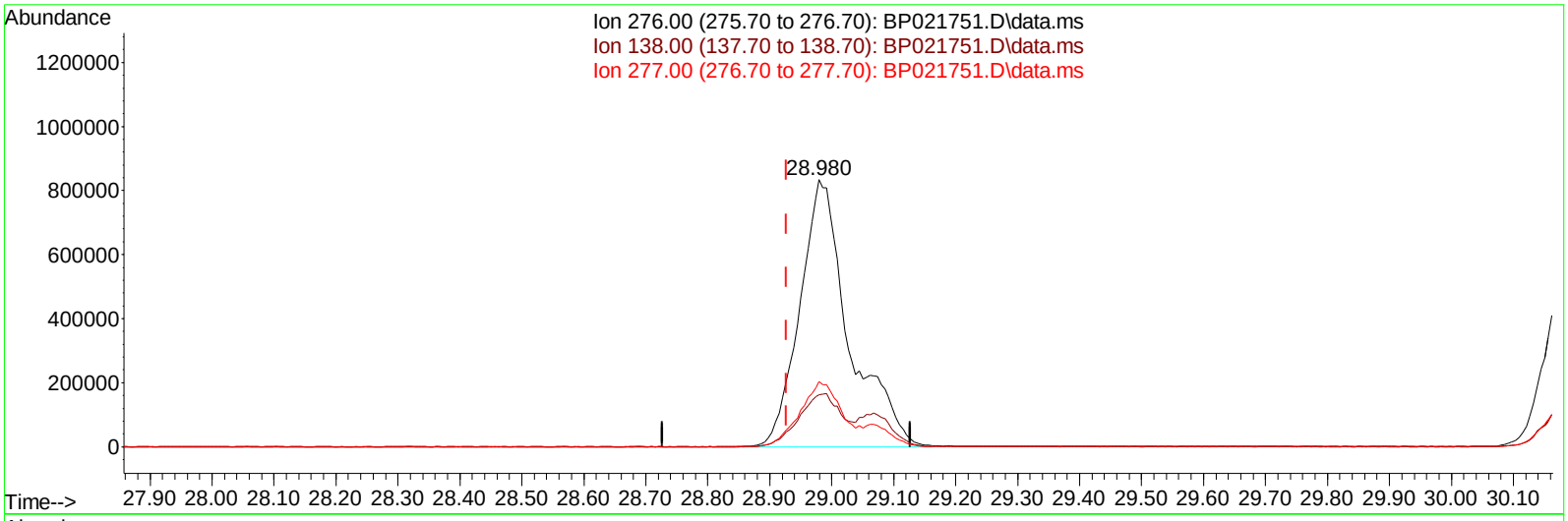

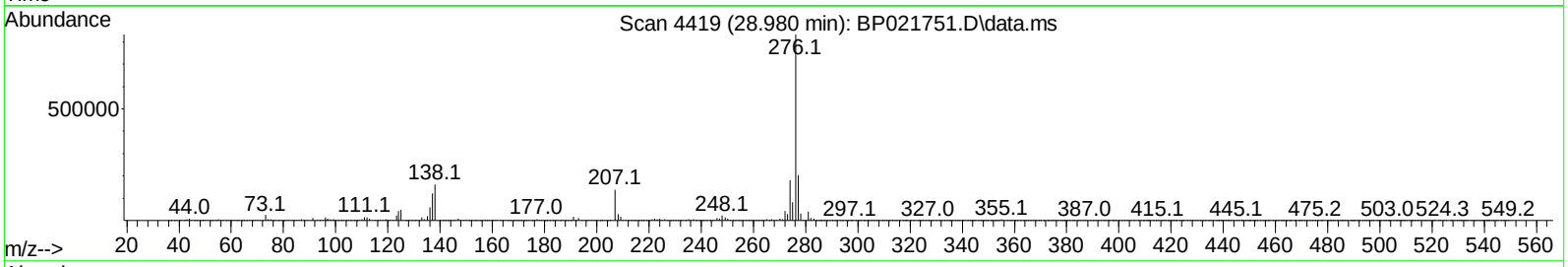

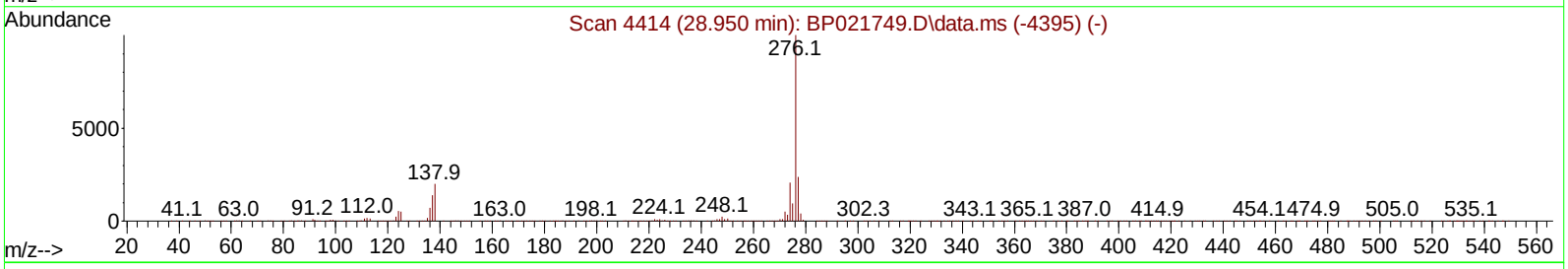

TIC: BP021751.D\data.ms

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

28.980min (+ 0.053) 32.10 ng/ul m

response 4602980

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.47
277.00	23.80	24.40
0.00	0.00	0.00

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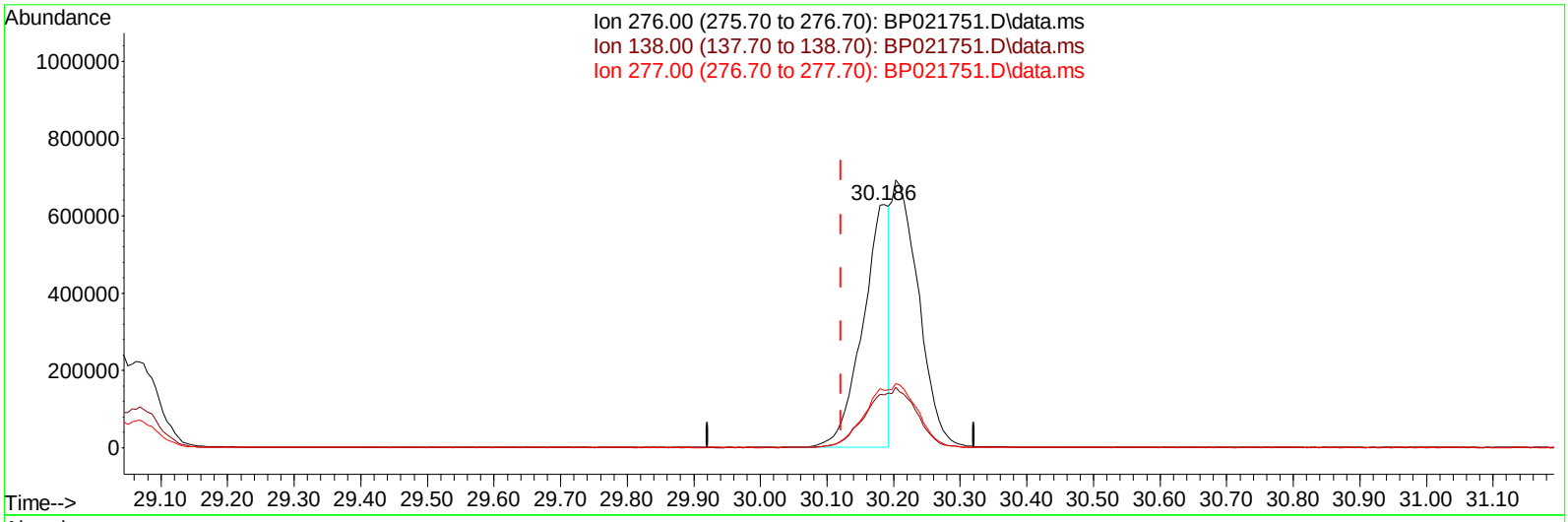

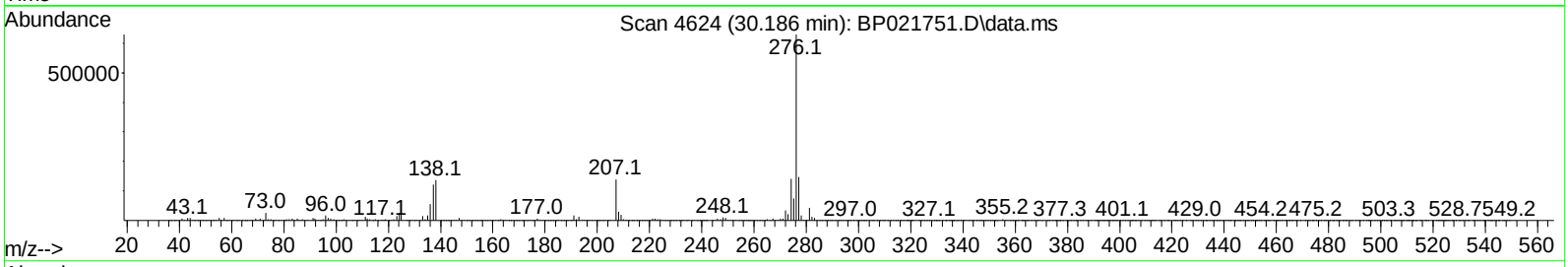

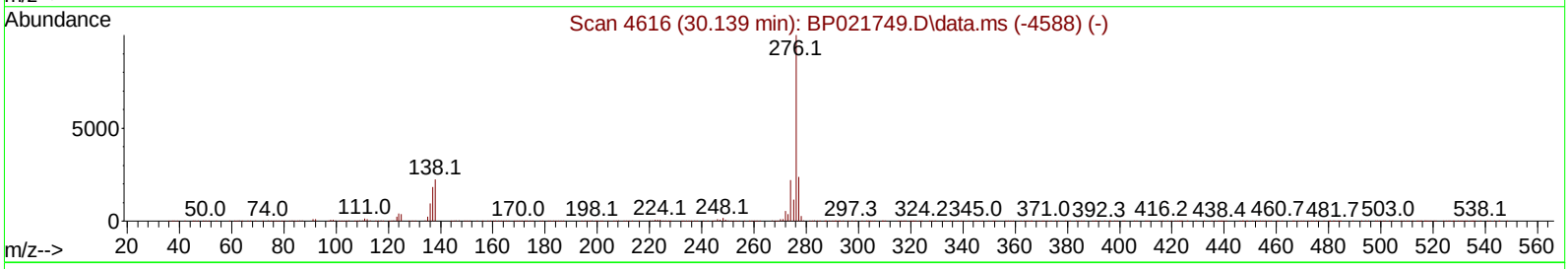

TIC: BP021751.D\data.ms

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

30.186min (+ 0.064) 15.42 ng/ul

response 1708023

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	21.72
277.00	24.20	23.51
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : PB163016BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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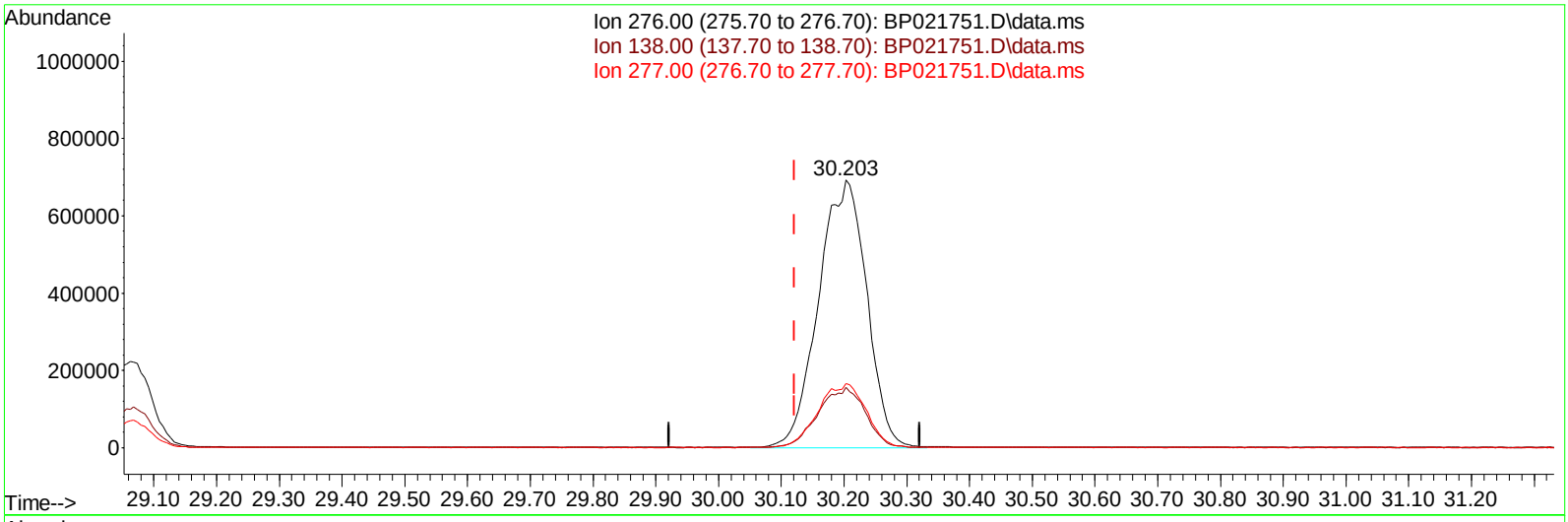

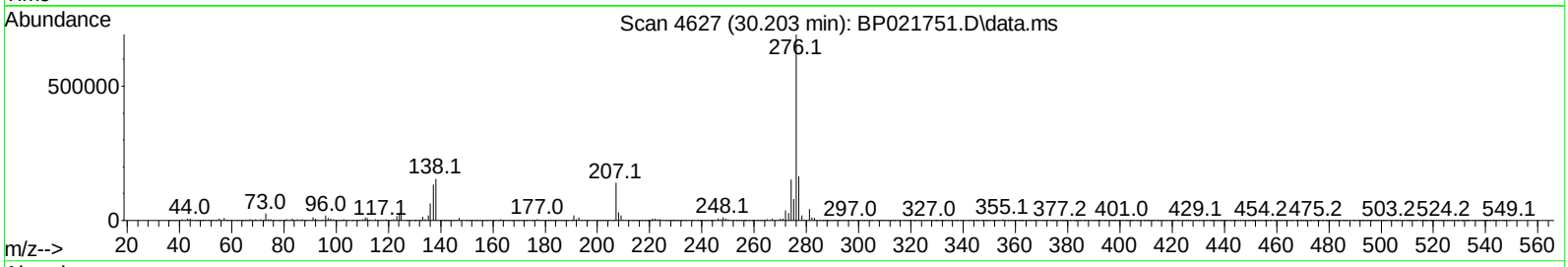

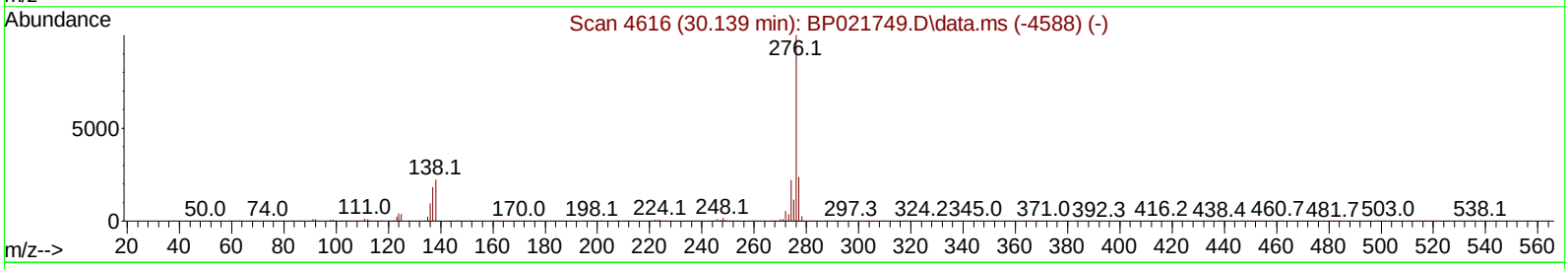

TIC: BP021751.D\data.ms

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

30.203min (+ 0.082) 33.21 ng/ul m

response 3679854

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	22.52
277.00	24.20	23.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	315568	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.557	136	1226304	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.428	164	746125	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1606564	20.000	ng/ul	0.01
79) Chrysene-d12	21.704	240	1601363	20.000	ng/ul	0.04
88) Perylene-d12	25.115	264	1929300	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	67186	7.068	ng/uL	0.00
4) Pyridine-d5	3.675	84	790389	28.749	ng/ul	-0.01
7) Phenol-d5	6.946	99	1016169	30.173	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.104	67	548655	29.936	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.310	132	673912	30.995	ng/ul	-0.01
15) 4-Methylphenol-d8	8.475	113	753706	28.962	ng/ul	-0.01
21) Nitrobenzene-d5	8.916	128	331630	33.613	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.640	143	345689	34.518	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.187	165	632652	32.057	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	773692	26.947	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1840785	32.243	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	2056543	32.084	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.639	143	364330	33.542	ng/ul	0.01
60) Fluorene-d10	15.439	176	1529261	31.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	298777	33.813	ng/ul	0.01
73) Anthracene-d10	17.351	188	2395480	31.418	ng/ul	0.01
81) Pyrene-d10	19.716	212	2965280	32.393	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.868	264	3261423	31.702	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	114318	11.316	ng/uL#	93
5) Pyridine	3.699	79	795979	28.973	ng/ul	99
6) Benzaldehyde	6.916	77	450067	26.128	ng/ul	99
8) Phenol	6.969	94	1047320	29.825	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	825183	30.231	ng/ul	99
12) 2-Chlorophenol	7.340	128	713344	31.259	ng/ul	99
13) 2-Methylphenol	8.216	108	737981	29.132	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	784821	29.789	ng/ul	98
16) Acetophenone	8.581	105	1183138	28.359	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.569	70	548594	27.864	ng/ul	98
18) 4-Methylphenol	8.540	108	795210	28.673	ng/ul	99
19) Hexachloroethane	8.846	117	325045	31.855	ng/ul	94
22) Nitrobenzene	8.957	77	874046	31.771	ng/ul	99
23) Isophorone	9.493	82	1649583	29.881	ng/ul	100
25) 2-Nitrophenol	9.669	139	375604	33.851	ng/ul	97
26) 2,4-Dimethylphenol	9.740	107	690296	25.347	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	1046292	30.221	ng/ul	98
29) 2,4-Dichlorophenol	10.210	162	609727	30.746	ng/ul	98
30) Naphthalene	10.610	128	2127433	30.781	ng/ul	100
32) 4-Chloroaniline	10.716	127	715032	24.668	ng/ul	99
33) Hexachlorobutadiene	10.898	225	411719	30.942	ng/ul	100
34) Caprolactam	11.498	113	241103	28.751	ng/ul	98
35) 4-Chloro-3-methylphenol	11.851	107	809784	30.852	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.222	142	1397522	29.895	ng/ul	99
37) 1-Methylnaphthalene	12.445	142	1391626	29.596	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.604	216	759706	32.306	ng/ul	98
40) Hexachlorocyclopentadiene	12.587	237	333223	24.695	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	440900	29.120	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	497818	30.449	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	1802740	31.935	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	1415461	31.980	ng/ul	100
45) 2-Nitroaniline	13.487	65	478426	34.504	ng/ul	94
47) Dimethylphthalate	13.881	163	1831088	32.031	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	372828	35.363	ng/ul	98
50) Acenaphthylene	14.145	152	2307388	33.471	ng/ul	99
51) 3-Nitroaniline	14.328	138	391757	34.004	ng/ul	98
52) Acenaphthene	14.492	153	1514619	31.242	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	194358	30.793	ng/ul	98
55) 4-Nitrophenol	14.651	109	330778	33.259	ng/ul	97
56) Dibenzofuran	14.839	168	2131342	31.778	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	550144	34.725	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	362724	25.751	ng/ul	98
59) Diethylphthalate	15.275	149	1847963	32.191	ng/ul	99
61) Fluorene	15.498	166	1732627	31.939	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	868316	31.855	ng/ul	99
63) 4-Nitroaniline	15.522	138	422603	37.953	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	318456	32.219	ng/ul	98
67) N-Nitrosodiphenylamine	15.716	169	1499413	31.726	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	552328	31.142	ng/ul	95
69) Hexachlorobenzene	16.528	284	653813	31.052	ng/ul	98
70) Atrazine	16.704	200	22460	1.253	ng/ul	96
71) Pentachlorophenol	16.886	266	309953	23.002	ng/ul	97
72) Phenanthrene	17.286	178	2841489	32.216	ng/ul	99
74) Anthracene	17.386	178	2784480	31.162	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	746858	31.268	ng/uL	98
76) Pentachlorobenzene	14.757	250	722672	29.190	ng/uL	98
77) Carbazole	17.663	167	2674644	33.281	ng/ul	99
78) Di-n-butylphthalate	18.257	149	3335504	34.097	ng/ul	100
80) Fluoranthene	19.369	202	3490406	32.675	ng/ul	99
82) Pyrene	19.745	202	3633042	32.112	ng/ul	100
83) Butylbenzylphthalate	20.692	149	1618865	34.948	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.592	252	1298424	32.174	ng/ul	99
85) Benzo(a)anthracene	21.680	228	3724039	32.692	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.621	149	2371190	34.682	ng/ul	99
87) Chrysene	21.751	228	3506719	32.710	ng/ul	99
89) Di-n-octyl phthalate	22.921	149	4229120	34.630	ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	4033841	33.415	ng/ul	99
91) Benzo(k)fluoranthene	24.098	252	3816279	32.292	ng/ul	99
93) Benzo(a)pyrene	24.951	252	3509013	31.551	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.980	276	4602980m	32.099	ng/ul	
95) Dibenzo(a,h)anthracene	29.074	278	3753195	32.571	ng/ul	99
96) Benzo(g,h,i)perylene	30.203	276	3679854m	33.212	ng/ul	

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

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