Quantitation Report (Qedit)

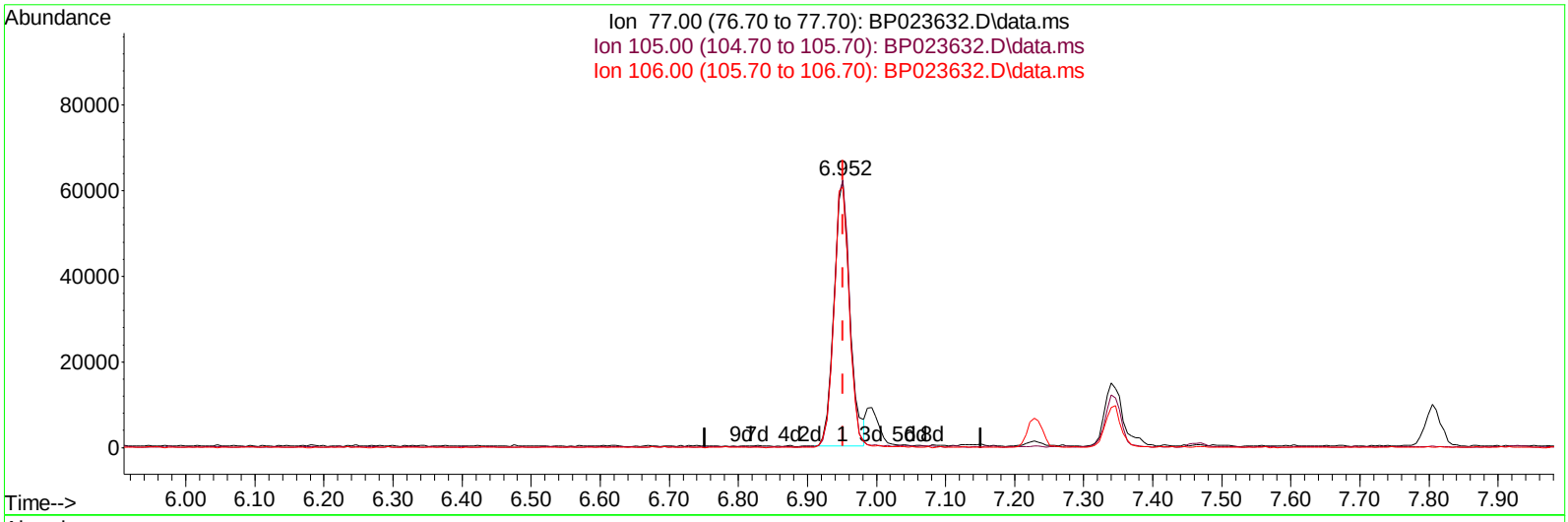
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011725\
Data File : BP023632.D
Acq On : 17 Jan 2025 17:20
Operator : RC/JU
Sample : PB166087BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

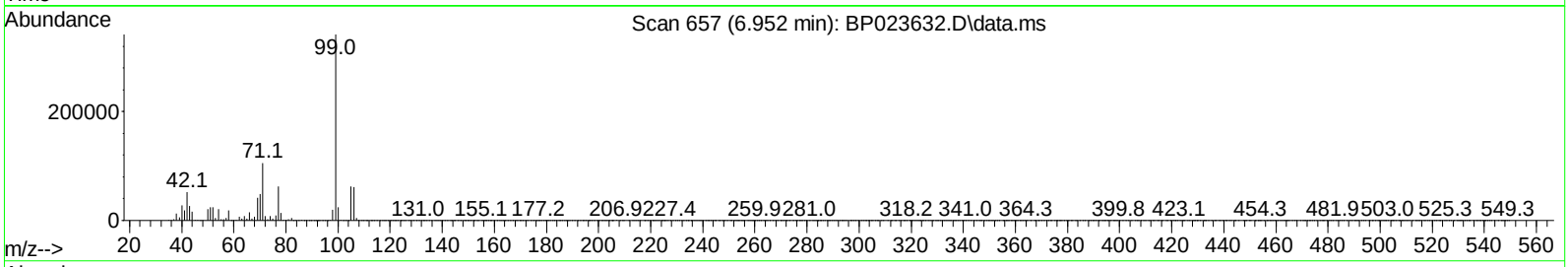
Quant Time: Jan 17 17:43:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

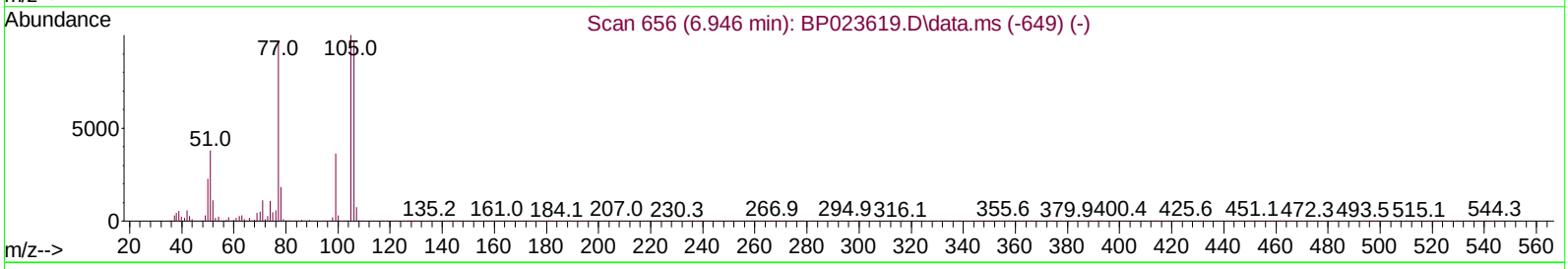
Instrument :
BNA_P
ClientSampleId :
SLCS087

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025







TIC: BP023632.D\data.ms

(6) Benzaldehyde

6.952min (-0.000) 4.55 ng/ul

response 99826

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	99.77
106.00	100.60	97.57
0.00	0.00	0.00

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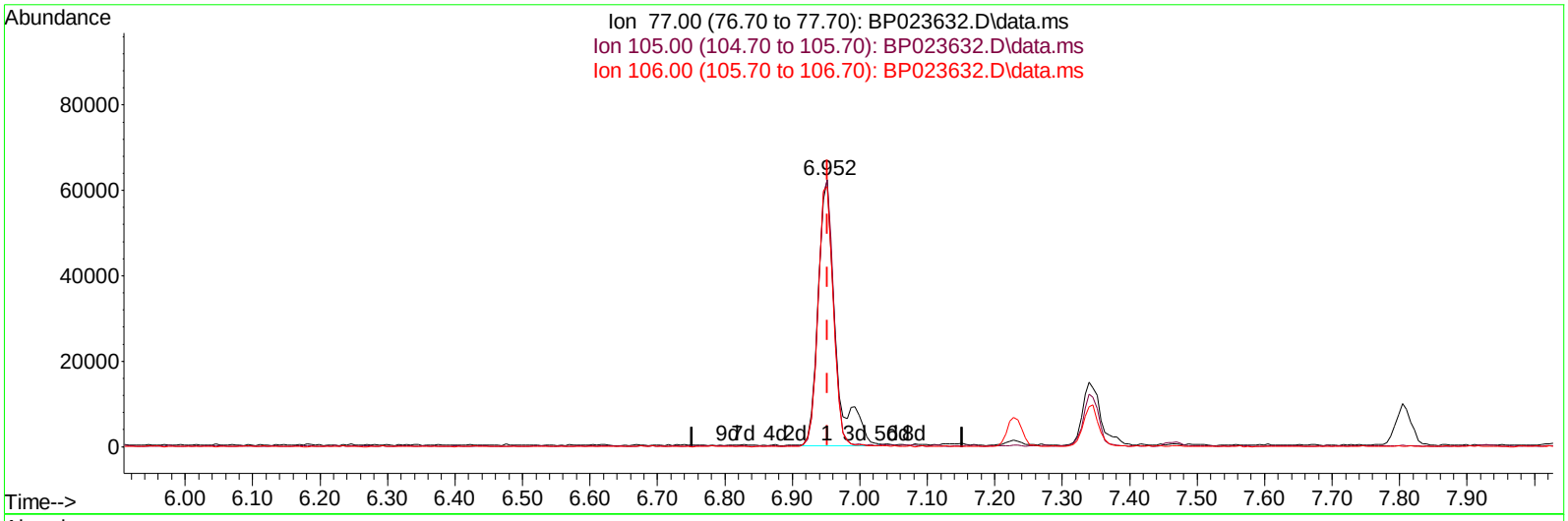

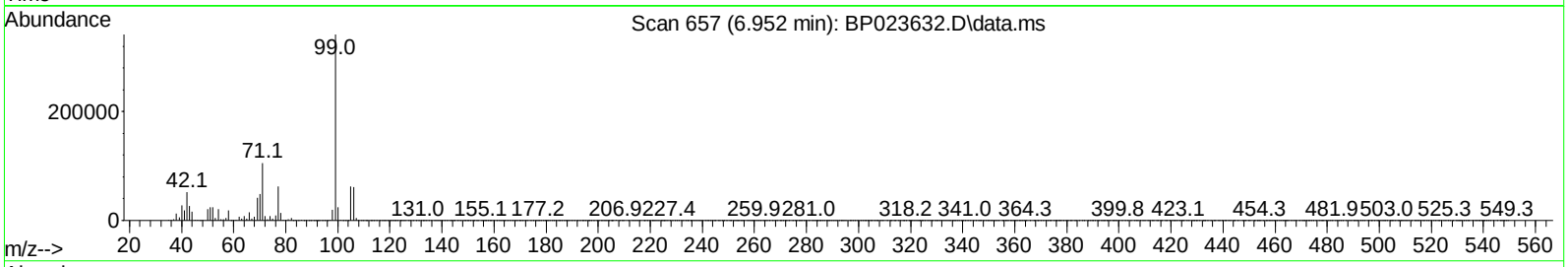

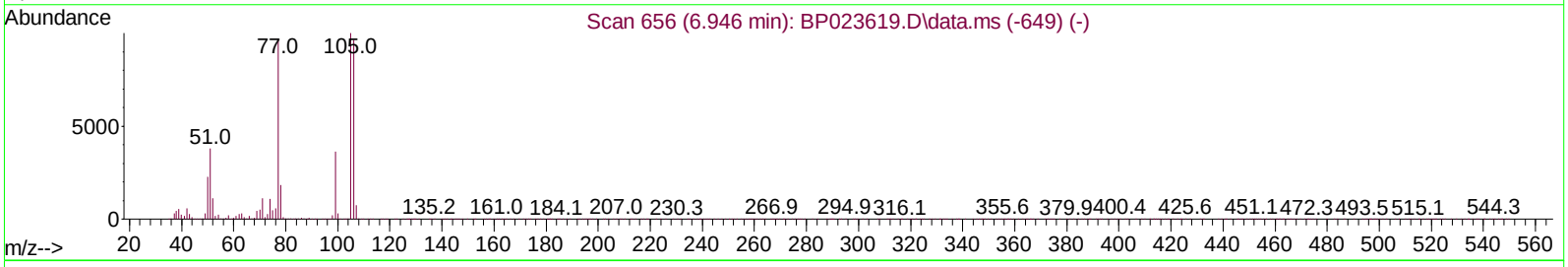

TIC: BP023632.D\data.ms

(6) Benzaldehyde

6.952min (-0.000) 5.09 ng/ul m

response 111678

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	99.77
106.00	100.60	97.57
0.00	0.00	0.00

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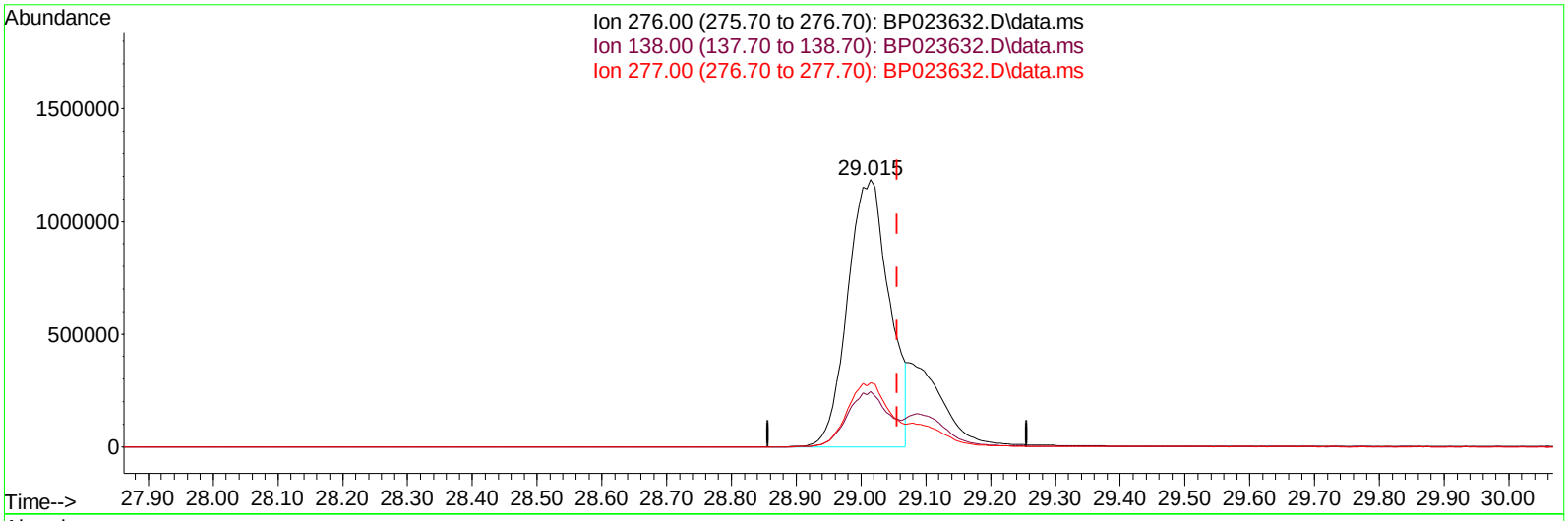

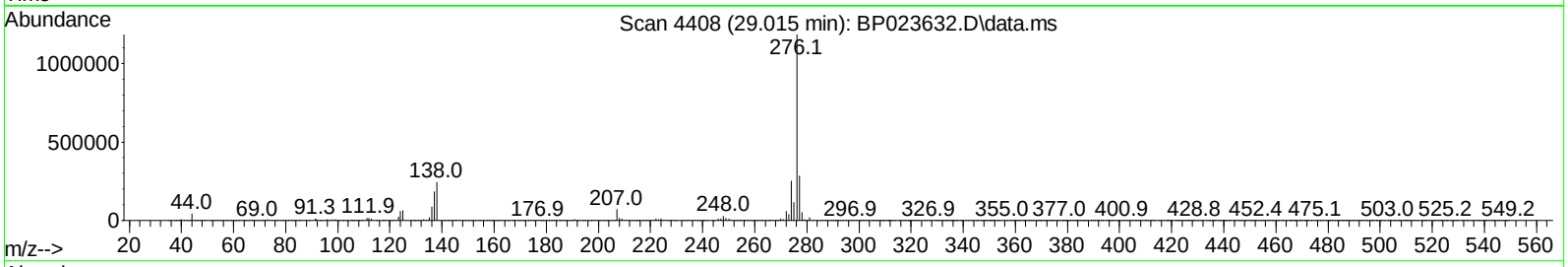

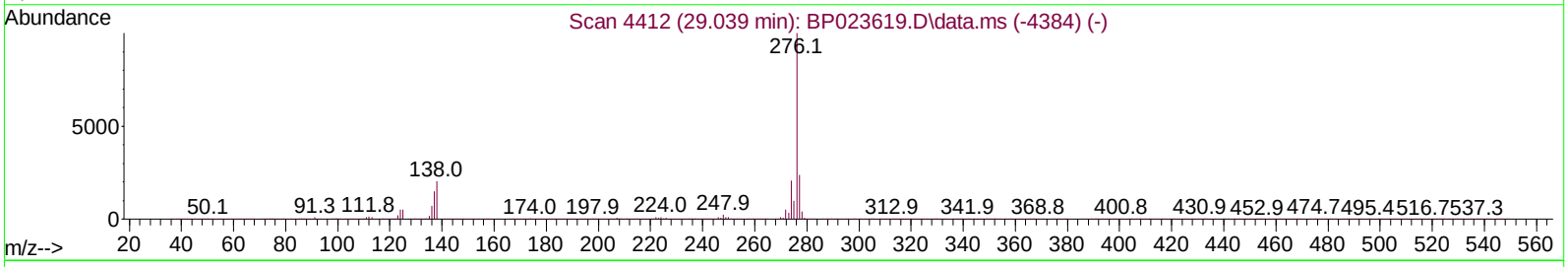

TIC: BP023632.D\data.ms

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

29.015min (-0.041) 23.56 ng/ul

response 5258069

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.59
277.00	24.20	23.97
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 15 Sample Multiplier: 1

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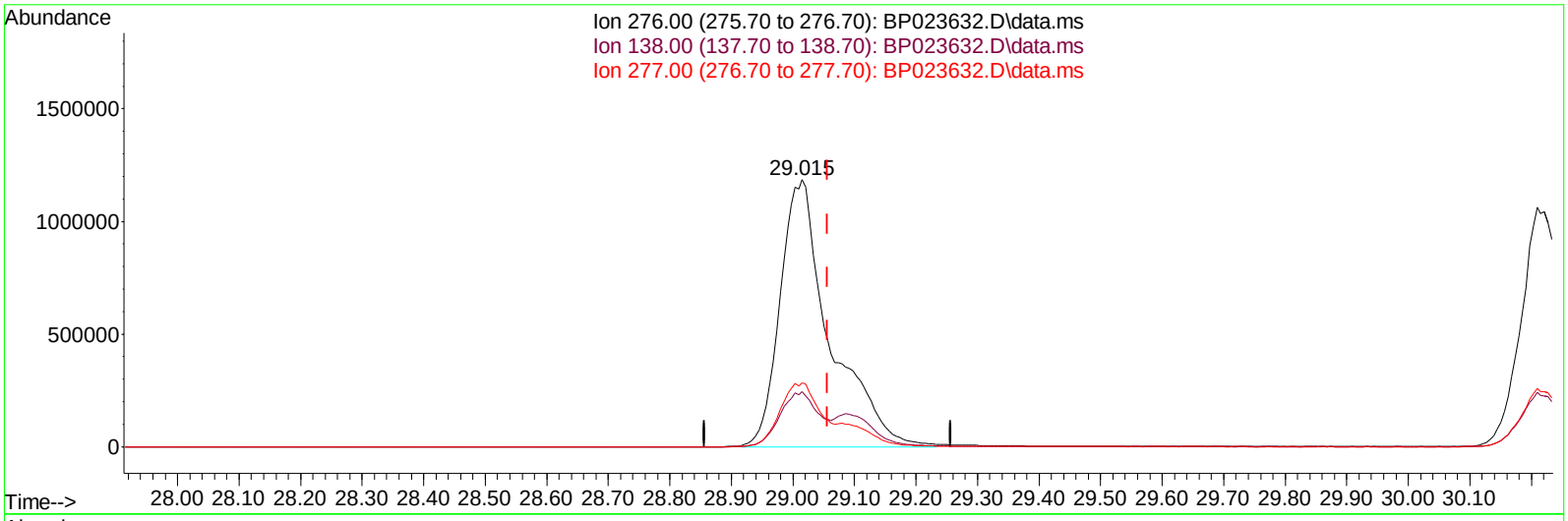

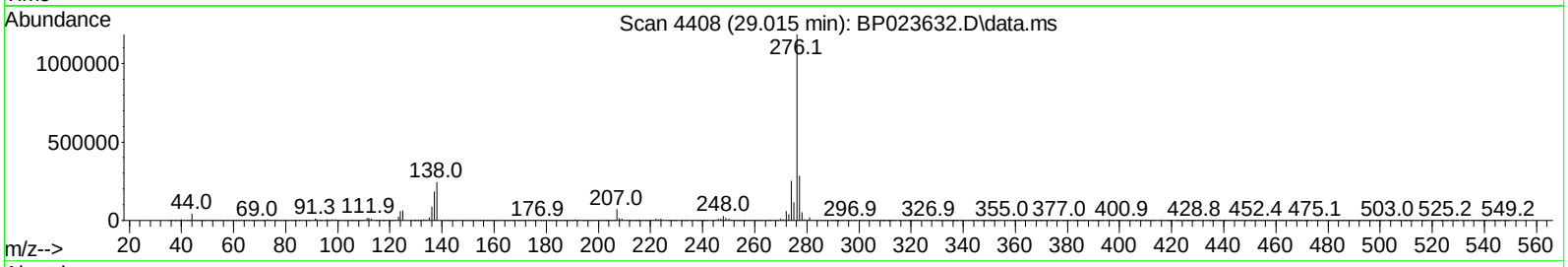

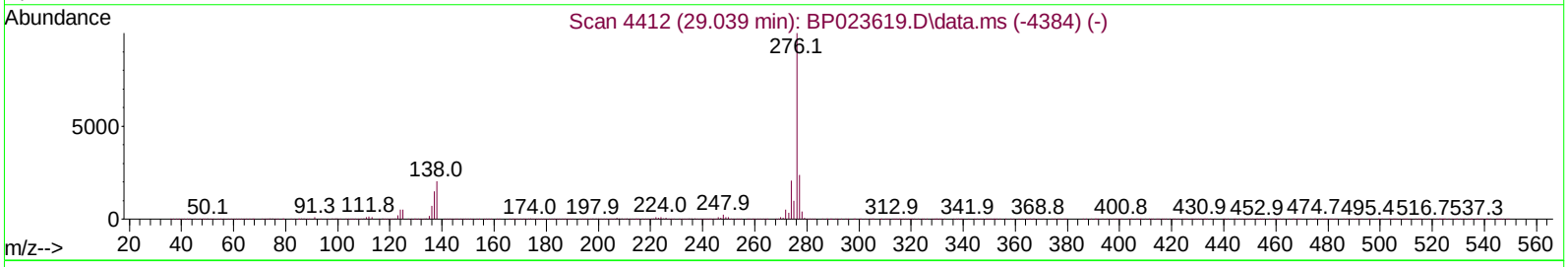

TIC: BP023632.D\data.ms

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

29.015min (-0.041) 29.83 ng/ul m

response 6657645

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.59
277.00	24.20	23.97
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 17 23:21:55 2025
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	471628	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	2026855	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	1343175	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2749914	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	3007587	20.000	ng/ul	0.00
88) Perylene-d12	25.127	264	3034835	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	67167	5.251	ng/uL	0.00
4) Pyridine-d5	3.716	84	1067193	29.928	ng/ul	0.00
7) Phenol-d5	6.963	99	1406738	34.645	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	698545	29.368	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	1098186	34.247	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1097171	34.837	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	458162	29.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	383517	37.768	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	1054141	34.129	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	1356520	27.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	3063219	29.304	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	3533911	28.418	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	569764	32.791	ng/ul	0.00
60) Fluorene-d10	15.445	176	2567025	28.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	274231	30.649	ng/ul	0.00
73) Anthracene-d10	17.339	188	4194475	28.256	ng/ul	0.00
81) Pyrene-d10	19.716	212	4789421	28.745	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.886	264	5034021	30.523	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	140553	10.384	ng/uL	95
5) Pyridine	3.740	79	1073043	29.835	ng/ul	96
6) Benzaldehyde	6.952	77	111678m	5.091	ng/ul	
8) Phenol	6.993	94	1478851	34.169	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	1004946	29.353	ng/ul	99
12) 2-Chlorophenol	7.375	128	1131141	32.954	ng/ul	99
13) 2-Methylphenol	8.234	108	1066629	33.764	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1039655	29.314	ng/ul	100
16) Acetophenone	8.616	105	1581316	29.312	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.604	70	759646	28.969	ng/ul	99
18) 4-Methylphenol	8.557	108	1184908	34.122	ng/ul	100
19) Hexachloroethane	8.887	117	385985	28.016	ng/ul	99
22) Nitrobenzene	8.987	77	1055191	28.026	ng/ul	100
23) Isophorone	9.516	82	2236153	29.242	ng/ul	100
25) 2-Nitrophenol	9.699	139	468810	35.201	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	1168299	31.708	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	1336981	27.861	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	1054287	32.971	ng/ul	99
30) Naphthalene	10.634	128	3282530	27.340	ng/ul	99
32) 4-Chloroaniline	10.734	127	737400	15.627	ng/ul	100
33) Hexachlorobutadiene	10.928	225	579239	27.323	ng/ul	99
34) Caprolactam	11.487	113	349505	29.923	ng/ul	99
35) 4-Chloro-3-methylphenol	11.851	107	1096673	33.651	ng/ul	99

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Quant Title : SVOA CALIBRATION
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BNA_P
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	2287994	28.194	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	2285378	28.354	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	1152570	26.006	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	442691	25.875	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	763331	33.086	ng/ul	100
42) 2,4,5-Trichlorophenol	12.910	196	836227	32.592	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	3003904	27.026	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	2330805	26.920	ng/ul	99
45) 2-Nitroaniline	13.487	65	558979	32.639	ng/ul	98
47) Dimethylphthalate	13.881	163	3004975	28.614	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	521584	32.331	ng/ul	96
50) Acenaphthylene	14.151	152	3695984	27.430	ng/ul	100
51) 3-Nitroaniline	14.322	138	557107	29.345	ng/ul	95
52) Acenaphthene	14.498	153	2598490	27.530	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	157682	30.885	ng/ul	97
55) 4-Nitrophenol	14.622	109	440583	32.667	ng/ul	97
56) Dibenzofuran	14.839	168	3590283	27.943	ng/ul	100
57) 2,4-Dinitrotoluene	14.792	165	798601	32.764	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.069	232	665033	33.154	ng/ul	99
59) Diethylphthalate	15.275	149	3025744	29.224	ng/ul	99
61) Fluorene	15.504	166	3036081	28.143	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	1468784	27.863	ng/ul	99
63) 4-Nitroaniline	15.510	138	739936	37.101	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.569	198	325911	30.607	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	2538303	27.567	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	901751	27.509	ng/ul	98
69) Hexachlorobenzene	16.528	284	1082578	26.936	ng/ul	98
70) Atrazine	16.692	200	862652	26.987	ng/ul	98
71) Pentachlorophenol	16.875	266	604873	30.866	ng/ul	98
72) Phenanthrene	17.281	178	4726725	27.416	ng/ul	100
74) Anthracene	17.375	178	4765719	27.549	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	1147769	25.504	ng/uL	99
76) Pentachlorobenzene	14.763	250	1200874	25.189	ng/uL	99
77) Carbazole	17.651	167	4487797	31.236	ng/ul	99
78) Di-n-butylphthalate	18.263	149	5171545	30.993	ng/ul	100
80) Fluoranthene	19.375	202	5558750	29.167	ng/ul	98
82) Pyrene	19.751	202	5982382	28.809	ng/ul	98
83) Butylbenzylphthalate	20.704	149	2072967	37.999	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.604	252	1595589	31.274	ng/ul	99
85) Benzo(a)anthracene	21.680	228	6042041	28.256	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.645	149	3408646	36.625	ng/ul	99
87) Chrysene	21.757	228	5699280	28.624	ng/ul	100
89) Di-n-octyl phthalate	22.968	149	5052230	39.551	ng/ul	100
90) Benzo(b)fluoranthene	24.039	252	5769915	30.261	ng/ul	99
91) Benzo(k)fluoranthene	24.115	252	6063687	29.021	ng/ul	100
93) Benzo(a)pyrene	24.951	252	5488446	29.260	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.015	276	6657645m	29.831	ng/ul	
95) Dibenzo(a,h)anthracene	29.098	278	5377926	29.732	ng/ul	99
96) Benzo(g,h,i)perylene	30.209	276	5084710	29.042	ng/ul	99

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

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