

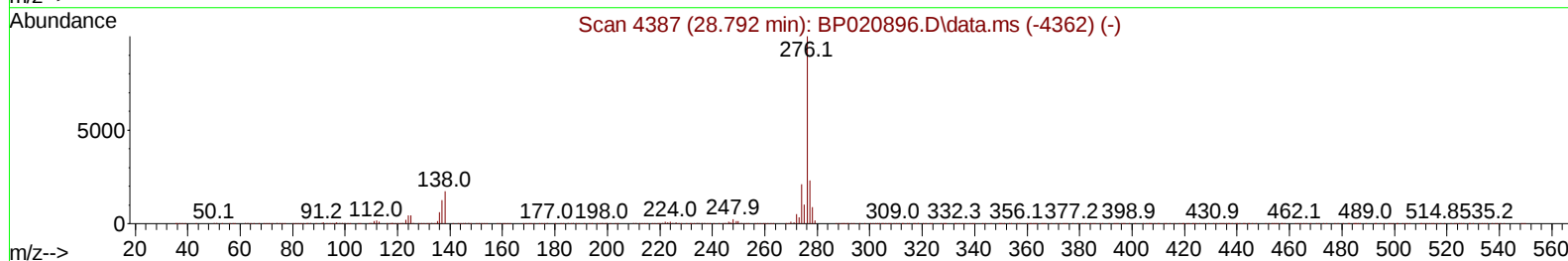
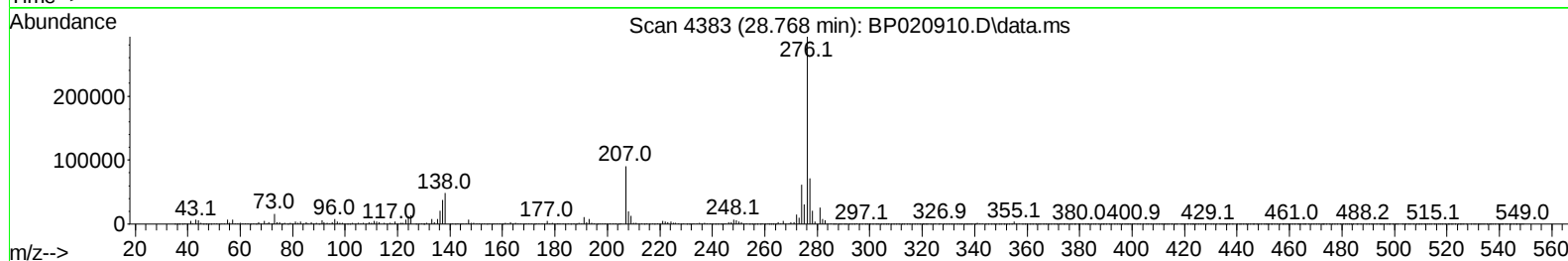
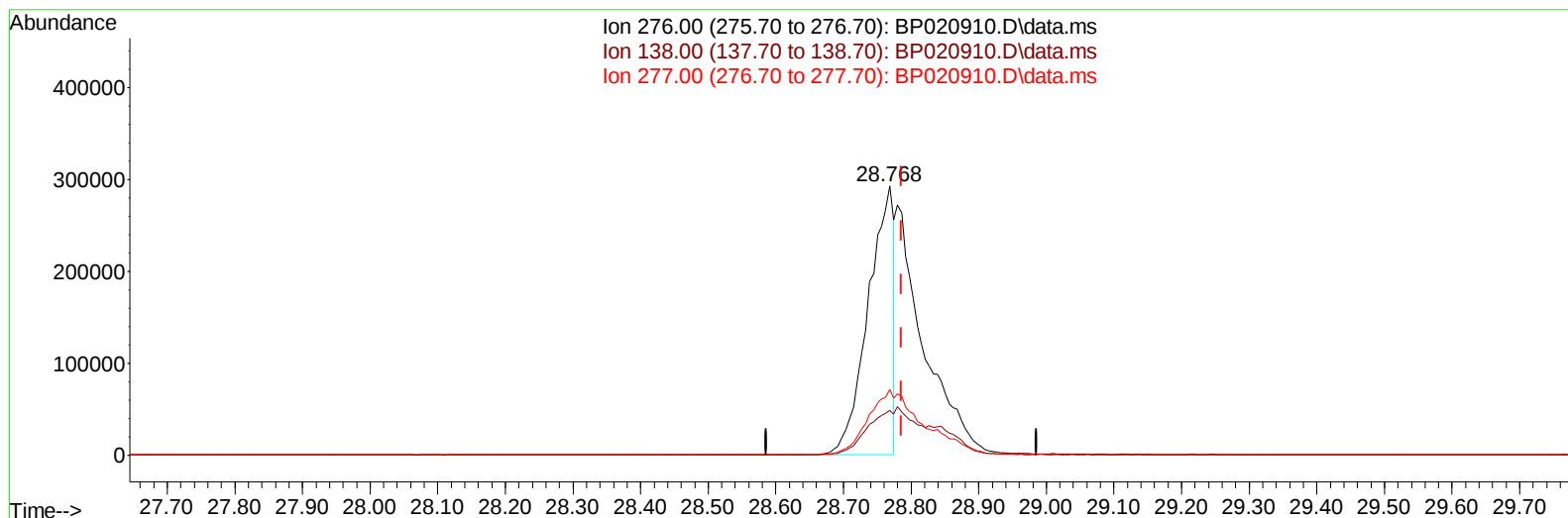
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020910.D
 Acq On : 11 Jul 2024 20:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 11 23:06:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024



TIC: BP020910.D\data.ms

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

28.768min (-0.018) 8.97 ng/u1

response 771426

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.61
277.00	24.00	24.36
0.00	0.00	0.00

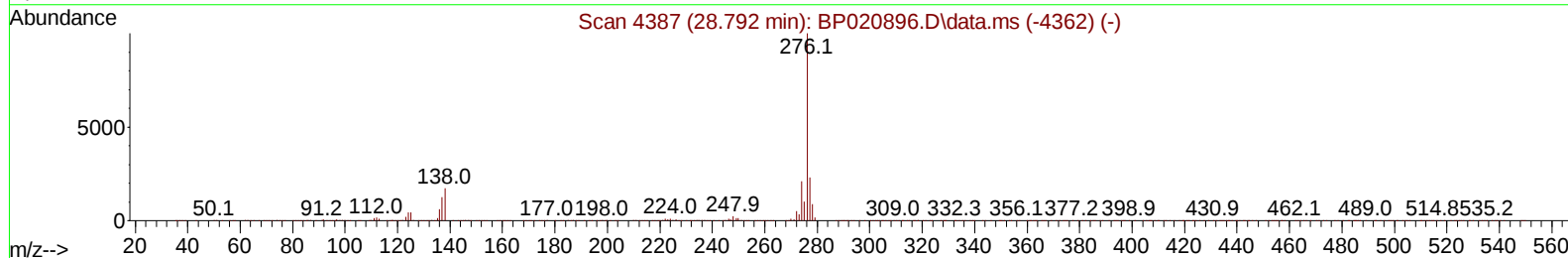
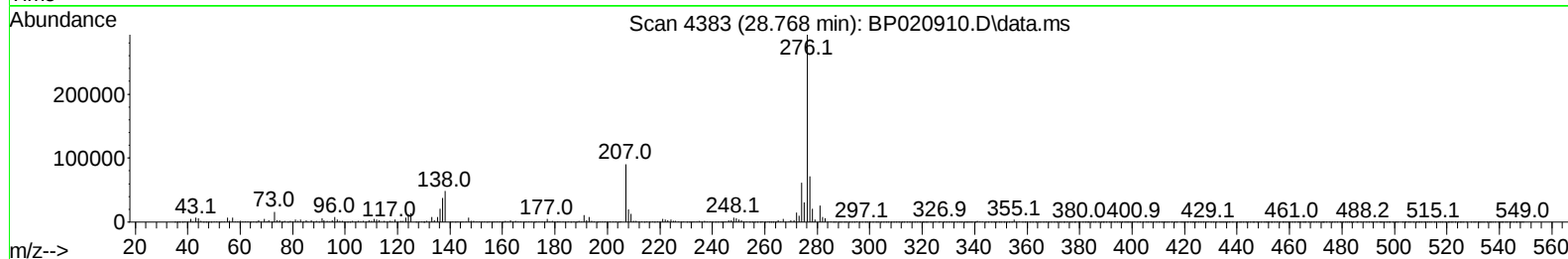
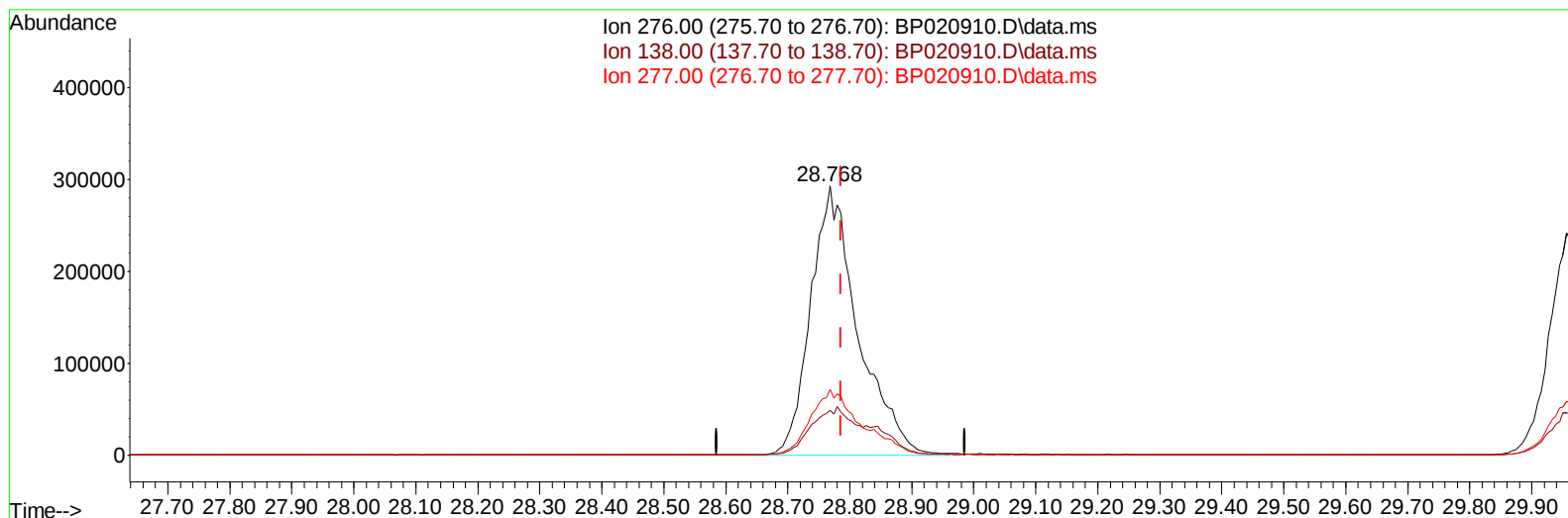
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(94) Indeno(1,2,3-cd)pyrene

28.768min (-0.018) 18.06 ng/ul m

response 1552944

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.61
277.00	24.00	24.36
0.00	0.00	0.00

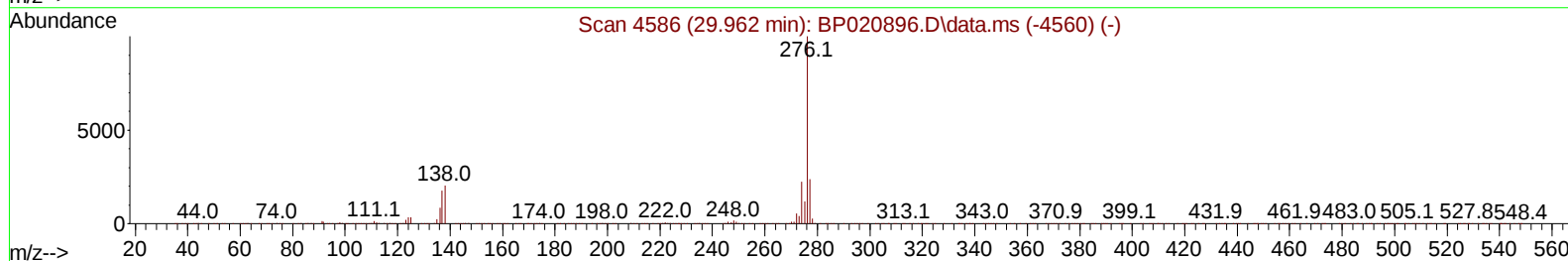
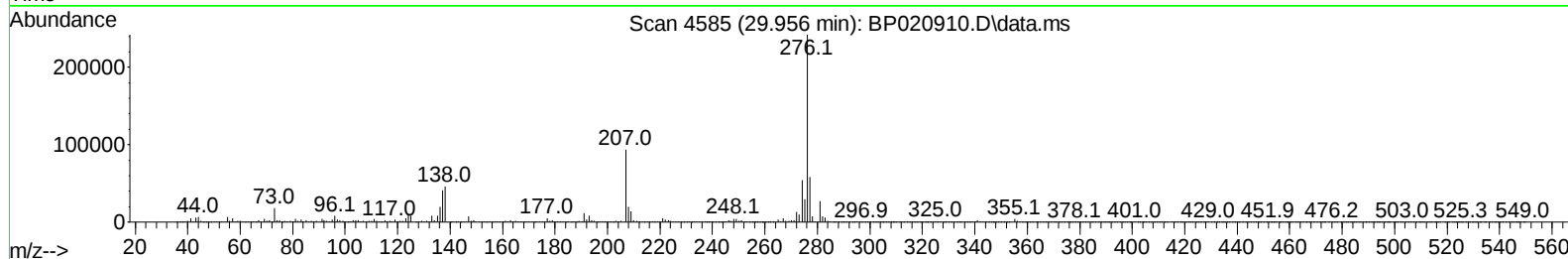
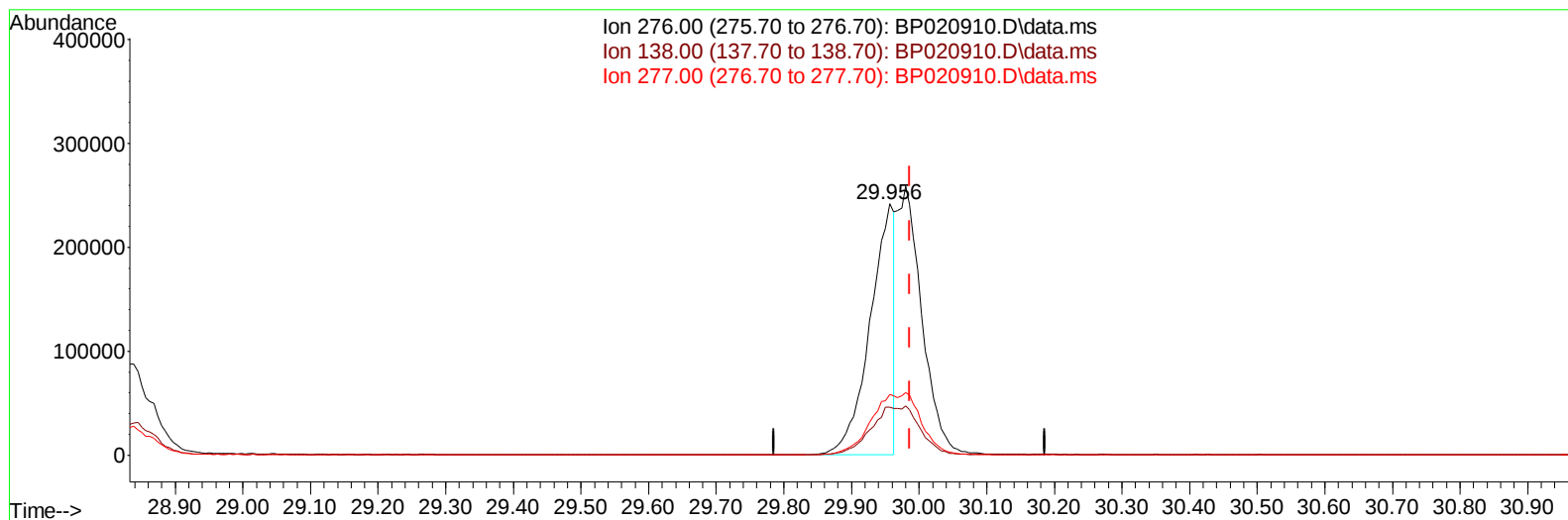
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TIC: BP020910.D\data.ms

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

29.956min (-0.029) 8.57 ng/u1

response 600450

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.12
277.00	22.70	24.17
0.00	0.00	0.00

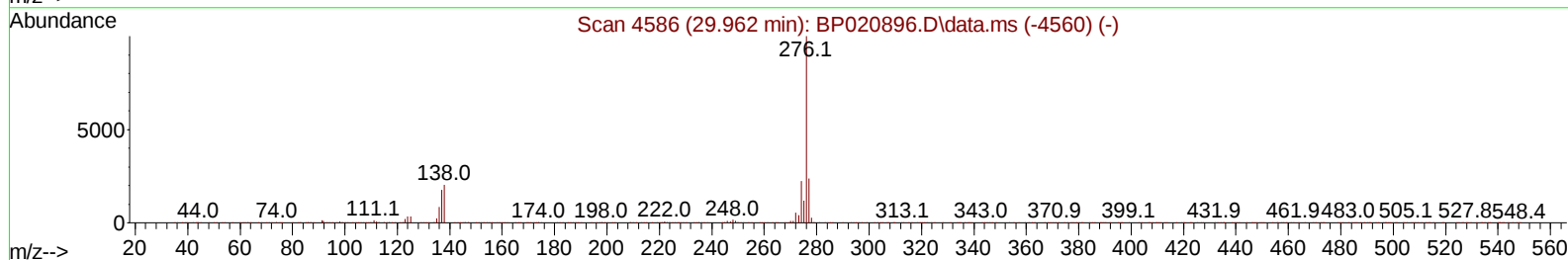
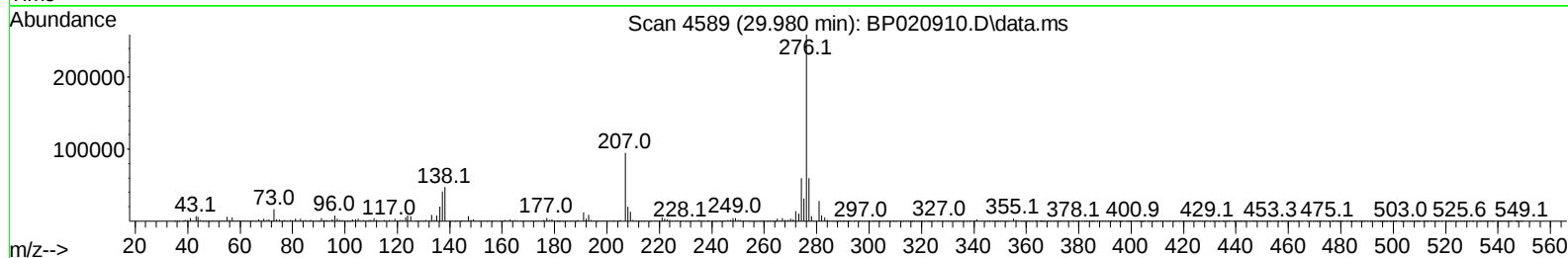
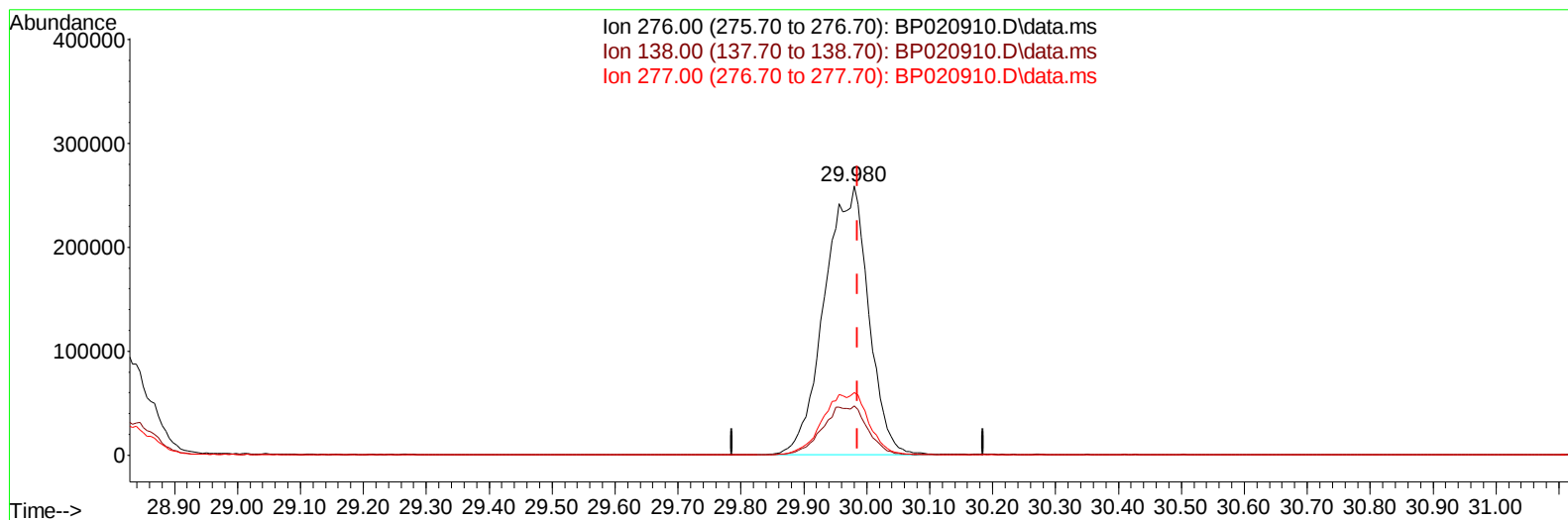
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TIC: BP020910.D\data.ms

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

29.980min (-0.006) 17.96 ng/ul m

response 1258237

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	18.23
277.00	22.70	23.17
0.00	0.00	0.00

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Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 11 23:47:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	202534	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	777307	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	453440	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	935784	20.000	ng/ul	-0.02
79) Chrysene-d12	21.616	240	993506	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	1163838	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	34875	7.836	ng/uL	0.00
4) Pyridine-d5	3.669	84	245698	19.068	ng/ul	0.00
7) Phenol-d5	6.916	99	291603	17.660	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	179593	17.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	255924	18.812	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	229889	16.763	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	114687	18.996	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	130079	18.824	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	228172	18.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	294916	17.816	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	578442	17.548	ng/ul	-0.01
49) Acenaphthylene-d8	14.040	160	680033	18.373	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.610	143	84381	17.992	ng/ul	0.00
60) Fluorene-d10	15.363	176	492345	18.206	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	91091	16.088	ng/ul	0.00
73) Anthracene-d10	17.269	188	770993	18.550	ng/ul	0.00
81) Pyrene-d10	19.651	212	955599	15.558	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.739	264	1073444	18.701	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	38996	7.967	ng/uL	98
5) Pyridine	3.693	79	251416	18.917	ng/ul	96
6) Benzaldehyde	6.887	77	169211	20.327	ng/ul	98
8) Phenol	6.946	94	290834	17.406	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.152	93	248195	17.982	ng/ul	99
12) 2-Chlorophenol	7.299	128	253514	18.593	ng/ul	98
13) 2-Methylphenol	8.175	108	223274	17.279	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.234	45	352442	17.674	ng/ul	97
16) Acetophenone	8.540	105	359660	16.992	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.516	70	176827	15.944	ng/ul	98
18) 4-Methylphenol	8.499	108	229129	16.551	ng/ul	94
19) Hexachloroethane	8.781	117	111943	18.270	ng/ul	98
22) Nitrobenzene	8.916	77	271787	18.792	ng/ul	99
23) Isophorone	9.434	82	491120	17.081	ng/ul	99
25) 2-Nitrophenol	9.616	139	134203	18.621	ng/ul	100
26) 2,4-Dimethylphenol	9.681	107	255289	17.963	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.910	93	308087	17.628	ng/ul	98
29) 2,4-Dichlorophenol	10.151	162	222577	18.074	ng/ul	98
30) Naphthalene	10.540	128	755894	18.487	ng/ul	99
32) 4-Chloroaniline	10.663	127	281371	17.801	ng/ul	99
33) Hexachlorobutadiene	10.799	225	177721	19.247	ng/ul	98
34) Caprolactam	11.457	113	59619	15.716	ng/ul	99
35) 4-Chloro-3-methylphenol	11.793	107	219158	16.373	ng/ul	100

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 11 23:47:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	481357	17.151	ng/ul	98
37) 1-Methylnaphthalene	12.375	142	496584	17.203	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	287035	19.492	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	97935	12.713	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	173088	18.602	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	177325	18.012	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	618197	18.655	ng/ul	98
44) 2-Chloronaphthalene	13.216	162	494877	18.707	ng/ul	100
45) 2-Nitroaniline	13.434	65	132849	18.159	ng/ul	97
47) Dimethylphthalate	13.804	163	578214	17.288	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	116856	17.476	ng/ul	99
50) Acenaphthylene	14.069	152	767172	18.307	ng/ul	100
51) 3-Nitroaniline	14.281	138	110866	19.053	ng/ul	98
52) Acenaphthene	14.416	153	500084	17.979	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	52956	15.080	ng/ul	97
55) 4-Nitrophenol	14.628	109	70110	18.378	ng/ul	94
56) Dibenzofuran	14.757	168	681215	17.885	ng/ul	97
57) 2,4-Dinitrotoluene	14.745	165	164181	17.886	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.998	232	147117	17.451	ng/ul	99
59) Diethylphthalate	15.181	149	577506	17.277	ng/ul	99
61) Fluorene	15.422	166	556212	17.895	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.410	204	297695	17.651	ng/ul	97
63) 4-Nitroaniline	15.463	138	100418	20.839	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.522	198	97923	16.309	ng/ul	98
67) N-Nitrosodiphenylamine	15.634	169	465995	17.101	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	187563	17.100	ng/ul	99
69) Hexachlorobenzene	16.445	284	217277	17.277	ng/ul	97
70) Atrazine	16.610	200	181770	18.303	ng/ul	98
71) Pentachlorophenol	16.816	266	116396	17.040	ng/ul	98
72) Phenanthrene	17.210	178	885324	18.237	ng/ul	99
74) Anthracene	17.304	178	904574	18.278	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	275520	18.395	ng/uL	98
76) Pentachlorobenzene	14.675	250	258934	17.398	ng/uL	99
77) Carbazole	17.592	167	831080	20.543	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1037308	18.585	ng/ul	99
80) Fluoranthene	19.298	202	1121662	15.121	ng/ul	98
82) Pyrene	19.680	202	1160126	15.370	ng/ul	99
83) Butylbenzylphthalate	20.633	149	522171	16.604	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	419210	18.466	ng/ul	100
85) Benzo(a)anthracene	21.598	228	1244642	17.884	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	751981	16.615	ng/ul	99
87) Chrysene	21.669	228	1158960	17.921	ng/ul	99
89) Di-n-octyl phthalate	22.792	149	1339794	17.426	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1273212	18.027	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	1275754	18.100	ng/ul	99
93) Benzo(a)pyrene	24.810	252	1224870	18.352	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	1552944m	18.057	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	1267535	17.798	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	1258237m	17.964	ng/ul	

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

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Manual IntegrationsAPPROVED

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