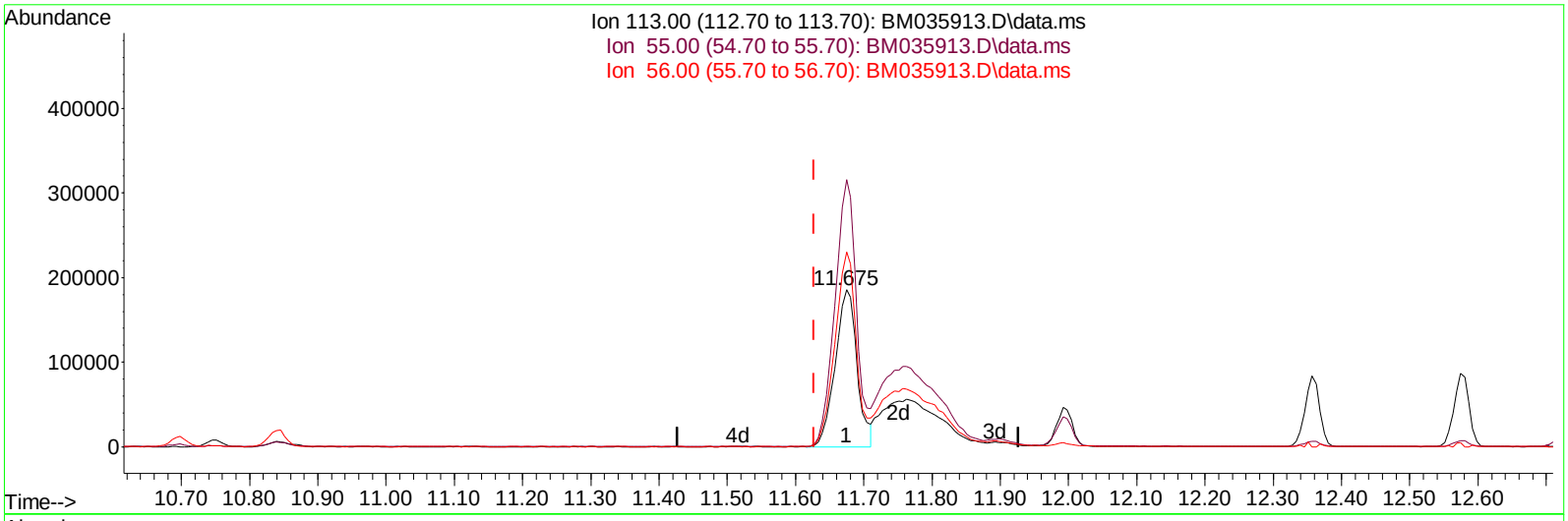
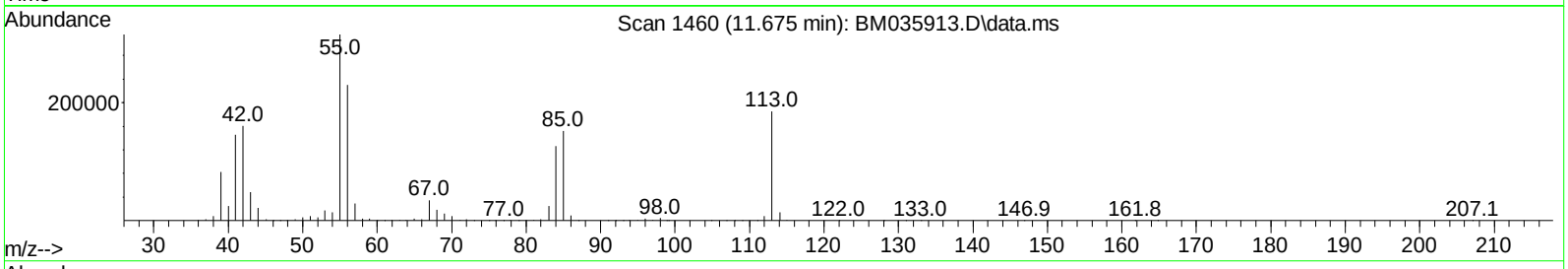
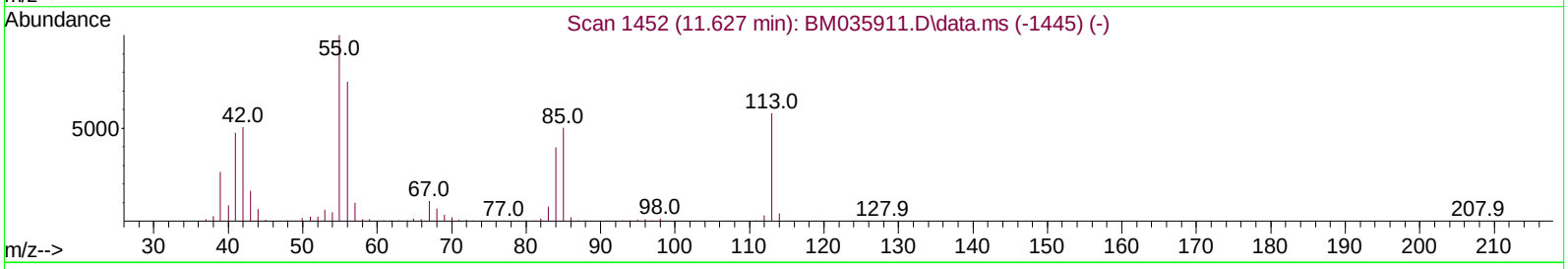
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035913.D
Acq On : 25 Jul 2022 13:31
Operator : CG/JU
Sample : SSTD08058
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 25 14:36:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 13:20:56 2022
Response via : Initial Calibration







TIC: BM035913.D\data.ms

(34) Caprolactam

11.675min (+ 0.047) 47.84 ng/ul

response 410660

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	170.09
56.00	127.60	124.01
0.00	0.00	0.00

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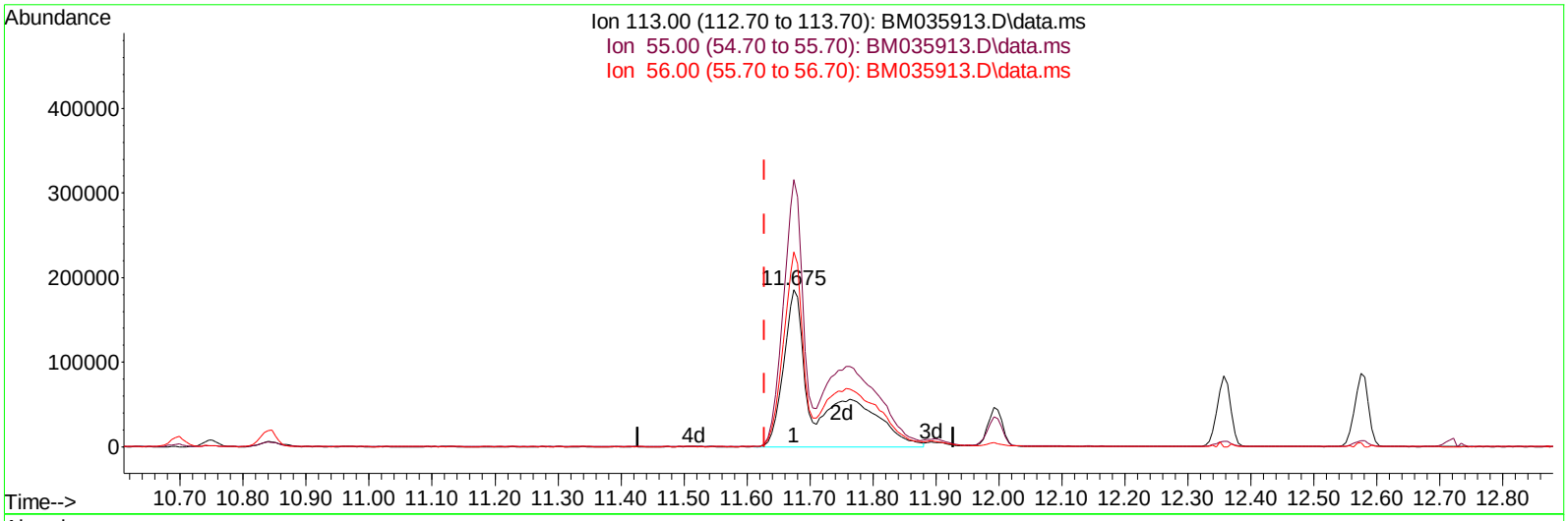

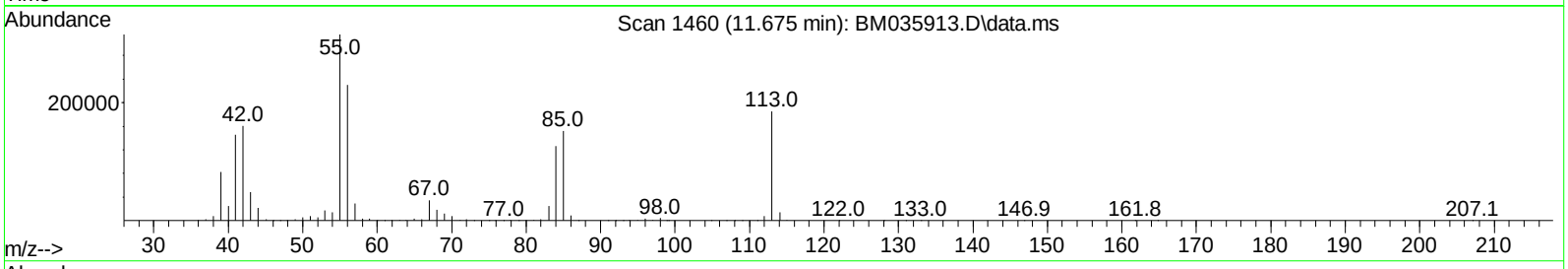

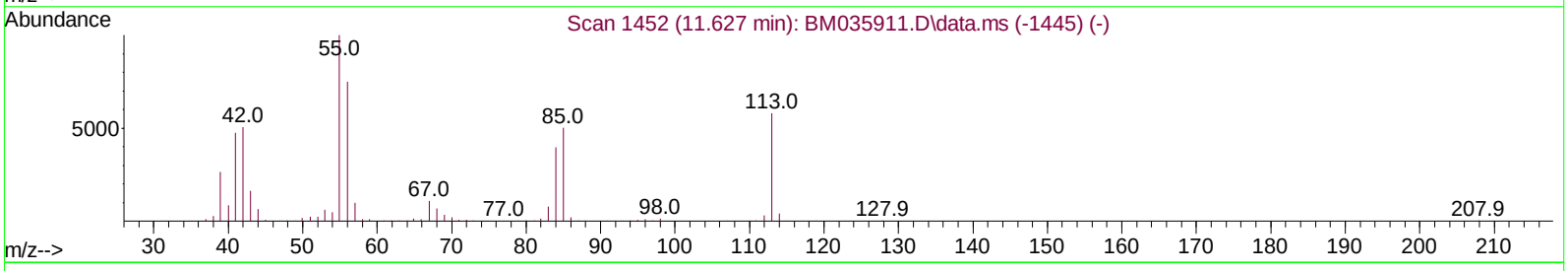

TIC: BM035913.D\data.ms

(34) Caprolactam

11.675min (+ 0.047) 86.93 ng/ul m

response 746223

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	170.09
56.00	127.60	124.01
0.00	0.00	0.00

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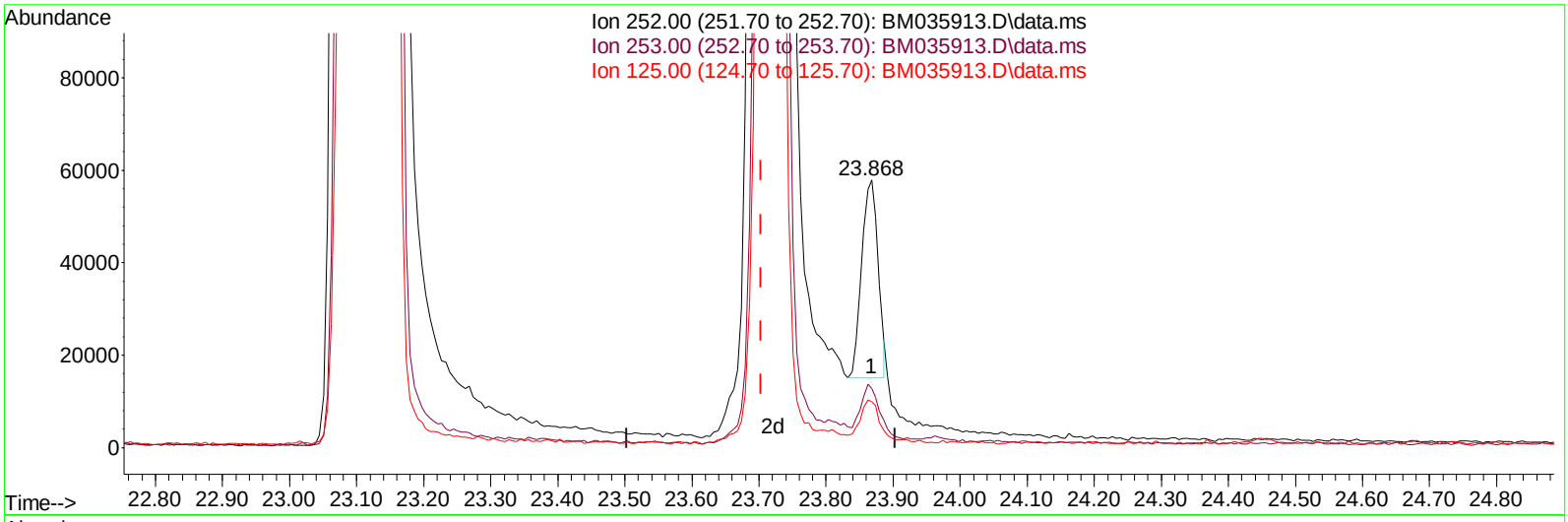

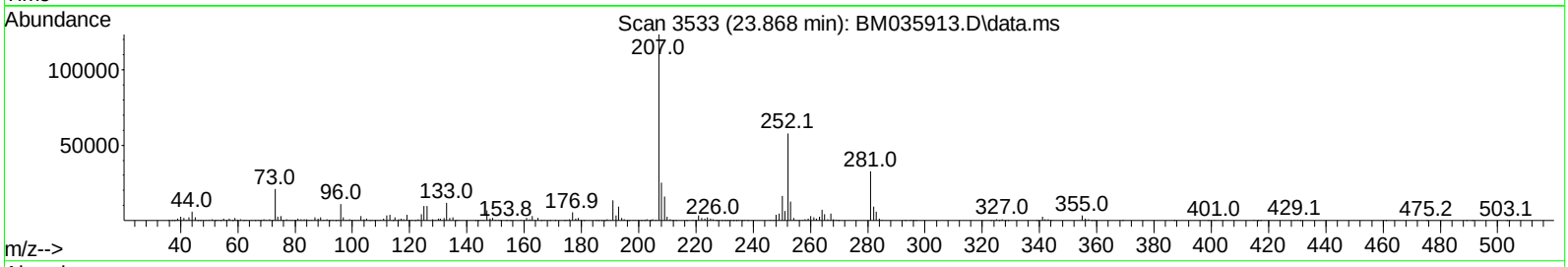

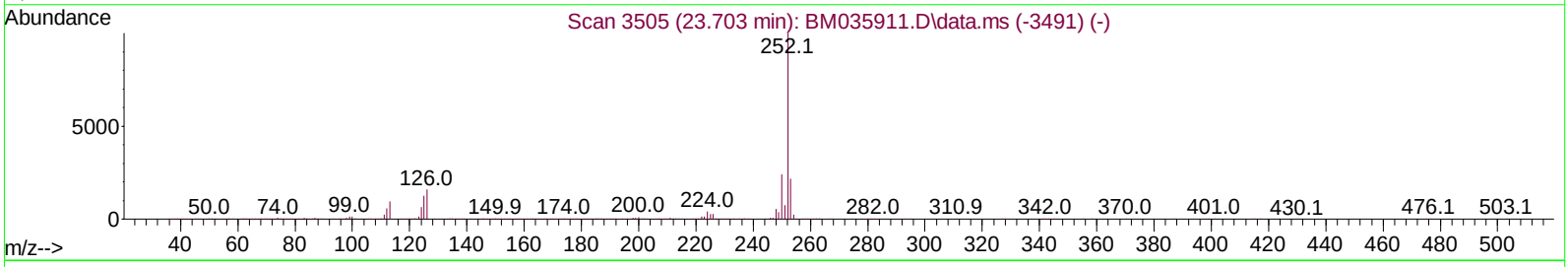

TIC: BM035913.D\data.ms

(93) Benzo(a)pyrene (C)

23.868min (+ 0.165) 0.78 ng/ul

response 72711

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.97
125.00	14.80	17.15
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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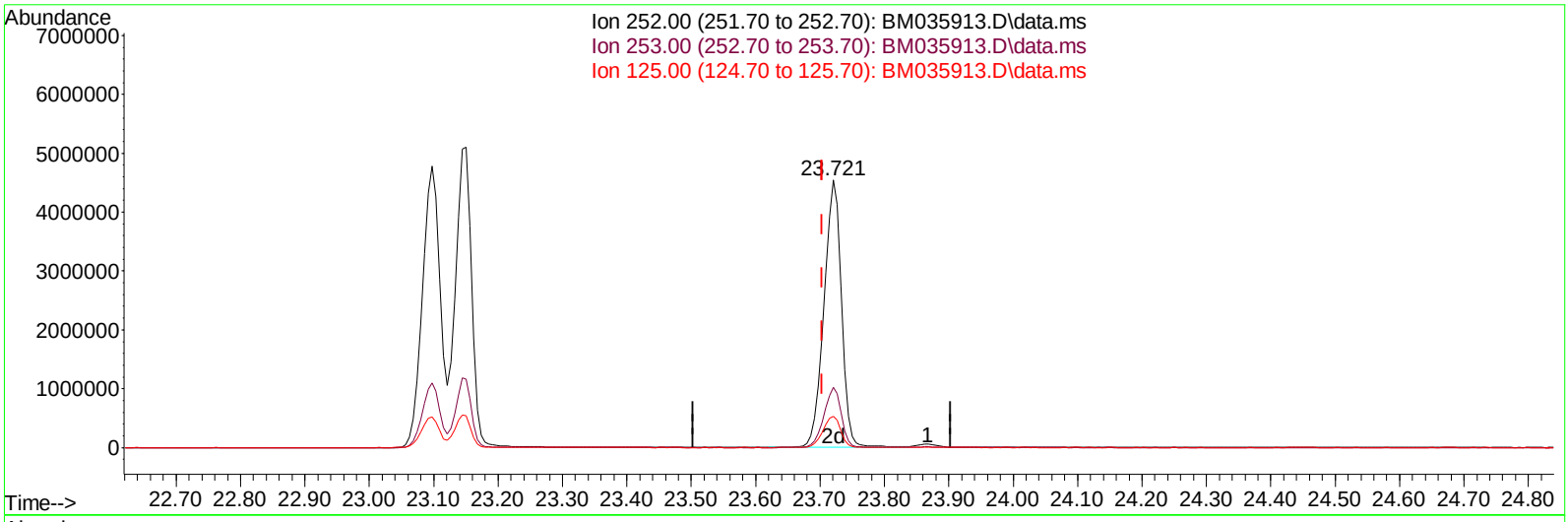

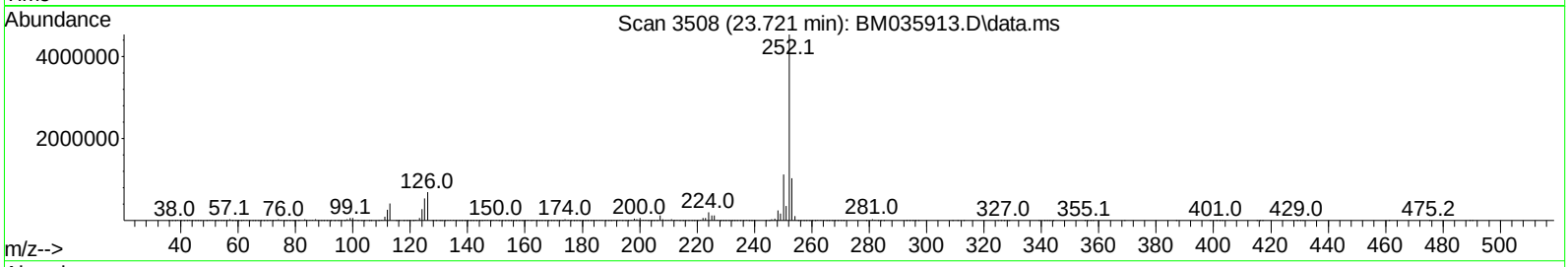

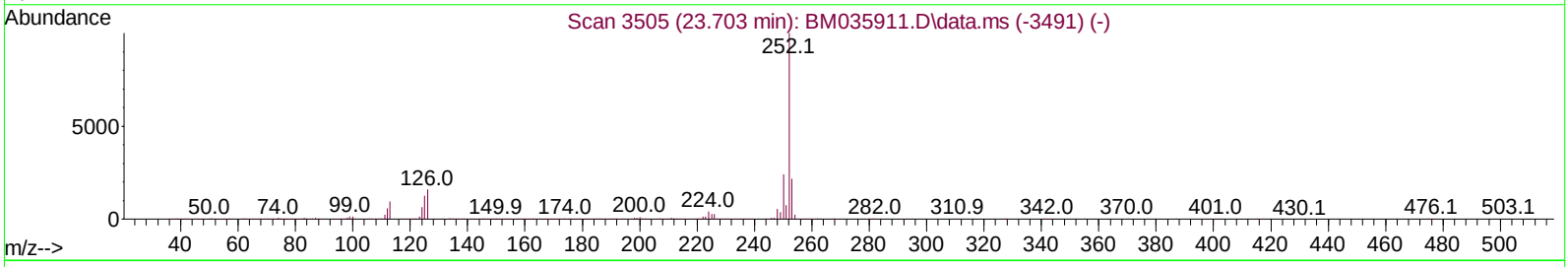

TIC: BM035913.D\data.ms

(93) Benzo(a)pyrene (C)

23.721min (+ 0.018) 92.34 ng/ul m

response 8661152

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.60
125.00	14.80	11.80#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035913.D
Acq On : 25 Jul 2022 13:31
Operator : CG/JU
Sample : SSTD08058
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 25 14:36:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 13:20:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	423604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	1843587	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	1085195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	2148381	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1882726	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	1575145	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	362273	34.139	ng/uL	0.00
4) Pyridine-d5	3.699	84	2562142	98.031	ng/ul	0.00
7) Phenol-d5	7.057	99	2980926	91.820	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	1952912	96.733	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	2560640	91.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	2409295	88.651	ng/ul	0.02
21) Nitrobenzene-d5	9.063	128	1285592	93.680	ng/ul	0.01
24) 2-Nitrophenol-d4	9.781	143	1332299	90.033	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	2266557	90.213	ng/ul	0.01
31) 4-Chloroaniline-d4	10.839	131	3569323	90.288	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	6258899	84.790	ng/ul	0.01
49) Acenaphthylene-d8	14.222	160	8034761	87.835	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	1280070	112.888	ng/ul	0.02
60) Fluorene-d10	15.521	176	5589966	87.459	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.645	200	1052803	82.198	ng/ul	0.02
73) Anthracene-d10	17.368	188	8121968	84.106	ng/ul	0.00
81) Pyrene-d10	19.656	212	8880582	95.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	7015996	92.349	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	375843	34.936	ng/uL	95
5) Pyridine	3.716	79	2660652	96.521	ng/ul	91
6) Benzaldehyde	7.028	77	1240839	89.232	ng/ul	95
8) Phenol	7.087	94	3233263	93.334	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	2582579	95.451	ng/ul	96
12) 2-Chlorophenol	7.457	128	2599045	89.245	ng/ul	97
13) 2-Methylphenol	8.340	108	2441758	95.157	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	3394424	84.165	ng/ul	96
16) Acetophenone	8.728	105	3787431	91.916	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	1944369	100.009	ng/ul	93
18) 4-Methylphenol	8.687	108	2595090	93.970	ng/ul	94
19) Hexachloroethane	8.969	117	1074307	92.248	ng/ul	89
22) Nitrobenzene	9.104	77	2802403	96.202	ng/ul	99
23) Isophorone	9.639	82	5439798	98.731	ng/ul	98
25) 2-Nitrophenol	9.816	139	1426439	88.562	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	2730417	89.458	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.122	93	3337961	93.423	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	2309799	90.605	ng/ul	99
30) Naphthalene	10.751	128	7890308	83.775	ng/ul	99
32) 4-Chloroaniline	10.869	127	3529588	89.684	ng/ul	98
33) Hexachlorobutadiene	11.028	225	1410063	87.907	ng/ul	98
34) Caprolactam	11.675	113	746223m	86.935	ng/ul	
35) 4-Chloro-3-methylphenol	11.992	107	2428159	90.859	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 13:20:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.357	142	5346970	87.308	ng/ul	100
37) 1-Methylnaphthalene	12.575	142	5341625	86.345	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.722	216	2653082	87.308	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	1822991	163.140	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	1763937	93.064	ng/ul	98
42) 2,4,5-Trichlorophenol	13.039	196	1885974	95.902	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	6843298	84.327	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	5282050	85.167	ng/ul	98
45) 2-Nitroaniline	13.622	65	1590773	99.490	ng/ul	97
47) Dimethylphthalate	13.998	163	6244299	83.878	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	1391626	94.552	ng/ul	95
50) Acenaphthylene	14.251	152	8440045	83.632	ng/ul	98
51) 3-Nitroaniline	14.445	138	1431423	94.919	ng/ul	97
52) Acenaphthene	14.592	153	5566473	83.149	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	781636	96.371	ng/ul	97
55) 4-Nitrophenol	14.757	109	957879	129.982	ng/ul	85
56) Dibenzofuran	14.927	168	7561327	82.527	ng/ul	95
57) 2,4-Dinitrotoluene	14.898	165	1911481	89.442	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	1514705	93.256	ng/ul#	97
59) Diethylphthalate	15.357	149	6449039	85.492	ng/ul	99
61) Fluorene	15.574	166	6265660	84.205	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	3053989	87.448	ng/ul	97
63) 4-Nitroaniline	15.610	138	1249023	92.720	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.657	198	1045054	81.991	ng/ul#	97
67) N-Nitrosodiphenylamine	15.786	169	5346515	85.025	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	1865705	90.558	ng/ul	98
69) Hexachlorobenzene	16.568	284	2214209	92.895	ng/ul	99
70) Atrazine	16.745	200	1864569	83.976	ng/ul	100
71) Pentachlorophenol	16.915	266	1378085	109.669	ng/ul	99
72) Phenanthrene	17.310	178	9446982	81.667	ng/ul	96
74) Anthracene	17.404	178	9507145	80.322	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.327	216	2750217	83.863	ng/uL	97
76) Pentachlorobenzene	14.845	250	2568178	88.079	ng/uL	99
77) Carbazole	17.674	167	8724957	81.681	ng/ul	97
78) Di-n-butylphthalate	18.239	149	10476993	70.798	ng/ul	97
80) Fluoranthene	19.321	202	10603929	94.176	ng/ul	99
82) Pyrene	19.686	202	10558313	89.590	ng/ul	98
83) Butylbenzylphthalate	20.586	149	4448575	87.804	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.362	252	2887117	84.076	ng/ul	99
85) Benzo(a)anthracene	21.433	228	9786707	86.091	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.362	149	6232364	82.893	ng/ul	97
87) Chrysene	21.486	228	9411014	83.046	ng/ul	95
89) Di-n-octyl phthalate	22.286	149	9774647	94.550	ng/ul	100
90) Benzo(b)fluoranthene	23.097	252	9214462	98.491	ng/ul	96
91) Benzo(k)fluoranthene	23.150	252	8738248	97.103	ng/ul	96
93) Benzo(a)pyrene	23.721	252	8661152m	92.342	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.297	276	8653810	78.806	ng/ul	94
95) Dibenzo(a,h)anthracene	26.321	278	7444696	79.235	ng/ul	96
96) Benzo(g,h,i)perylene	27.062	276	7032181	74.721	ng/ul	95

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

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