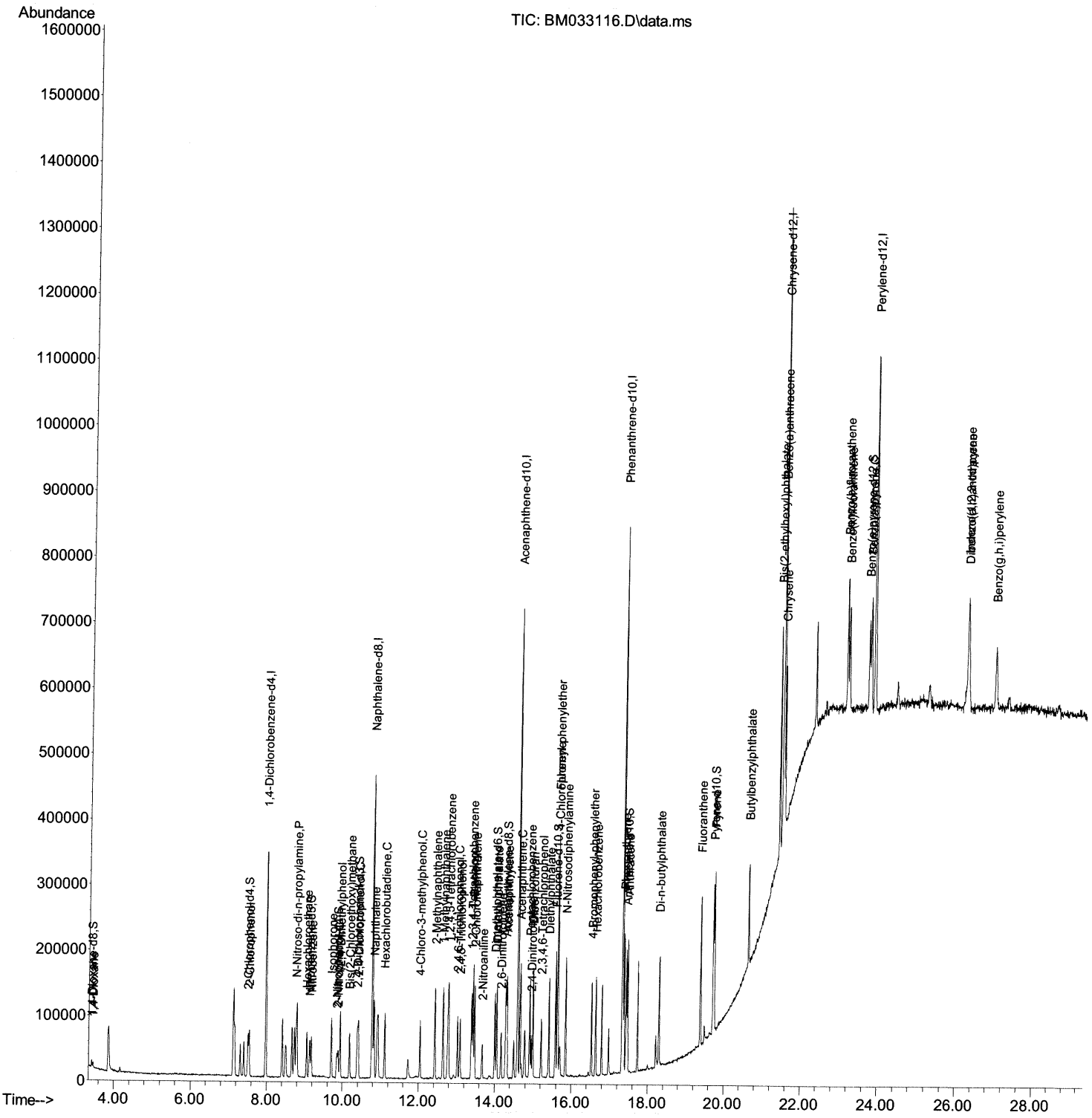
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033116.D
Acq On : 17 Nov 2021 10:36
Operator : CG/JU
Sample : SSTD00504
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 12:40:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 12:32:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD005004

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/26/2021



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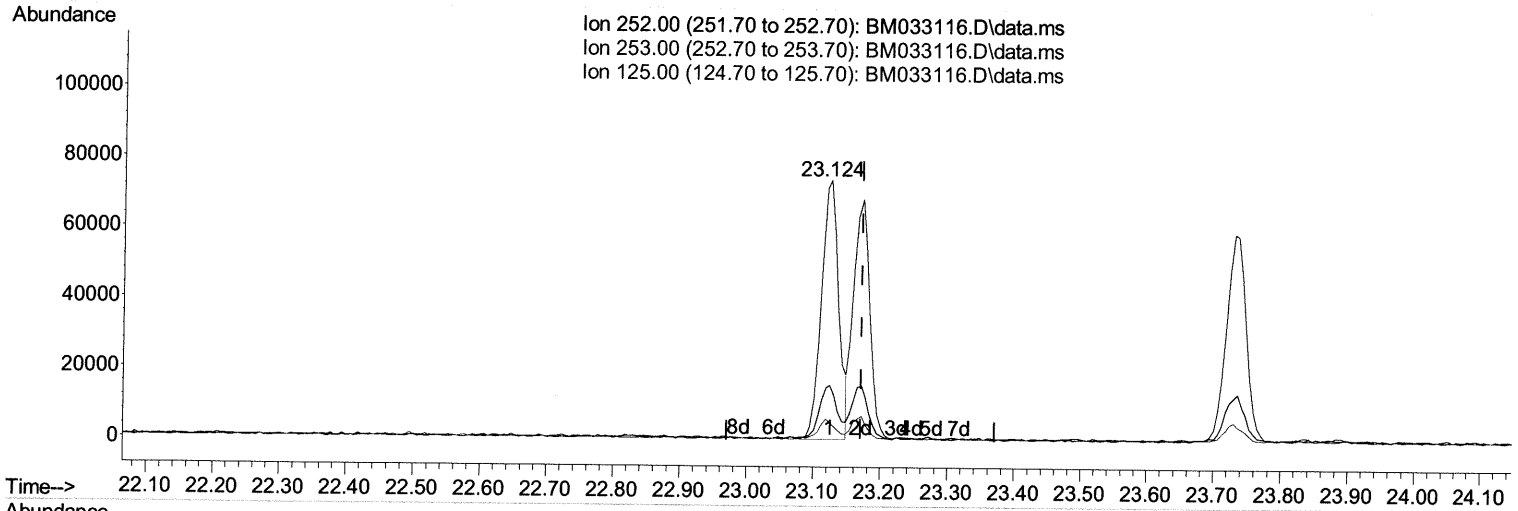

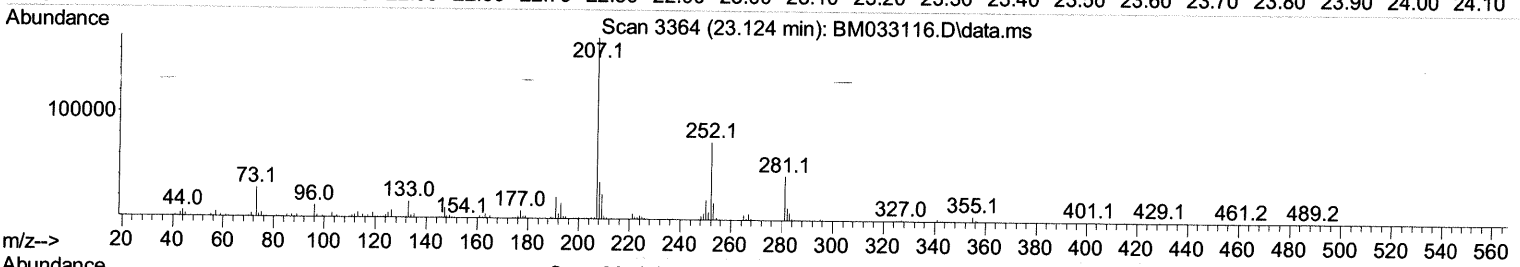

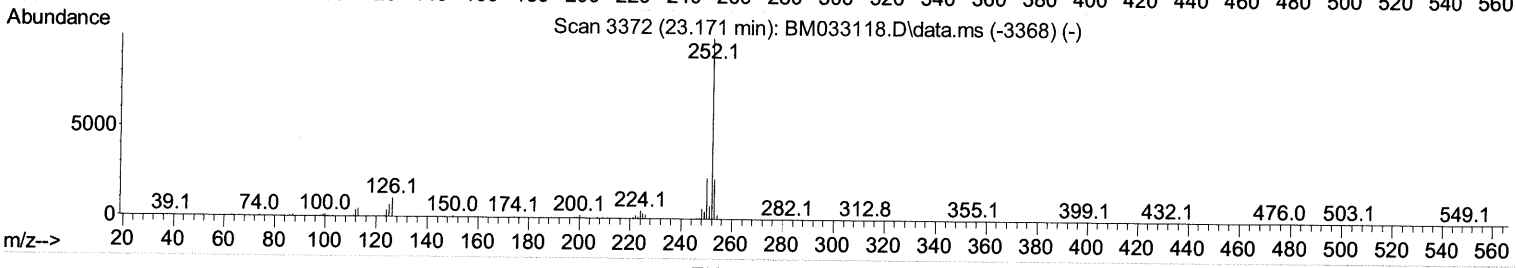

TIC: BM033116.D\data.ms

(91) Benzo(k)fluoranthene

23.124min (-0.047) 5.70 ng/ul

response 132156

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	21.37
125.00	7.30	6.88
0.00	0.00	0.00

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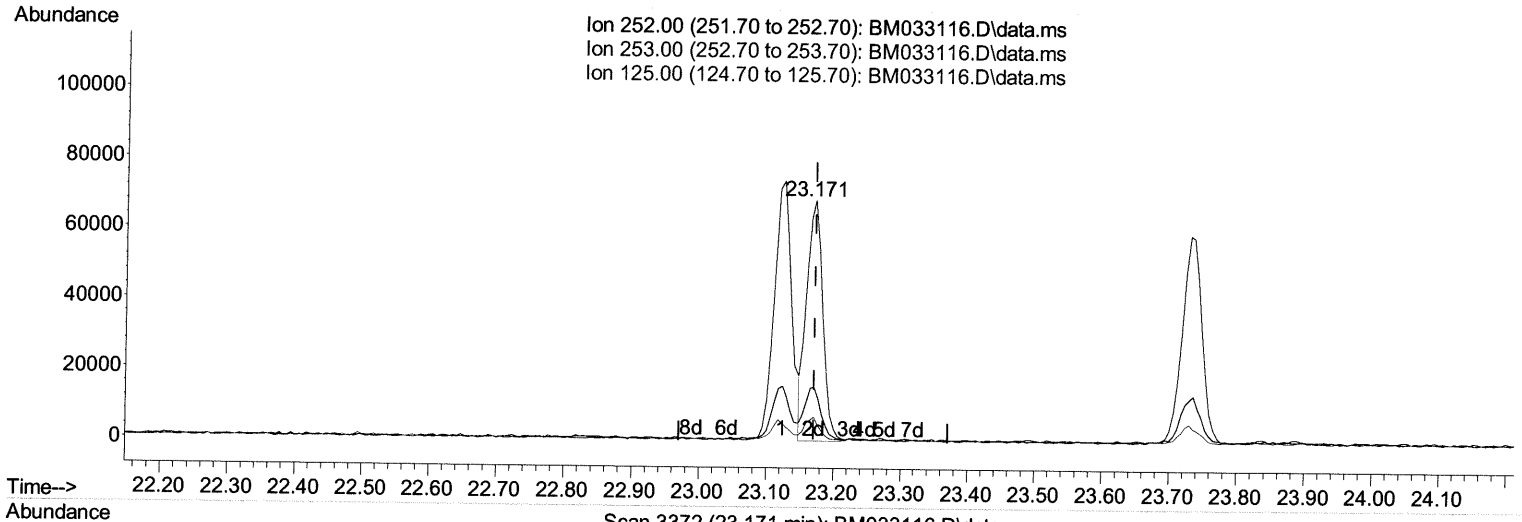

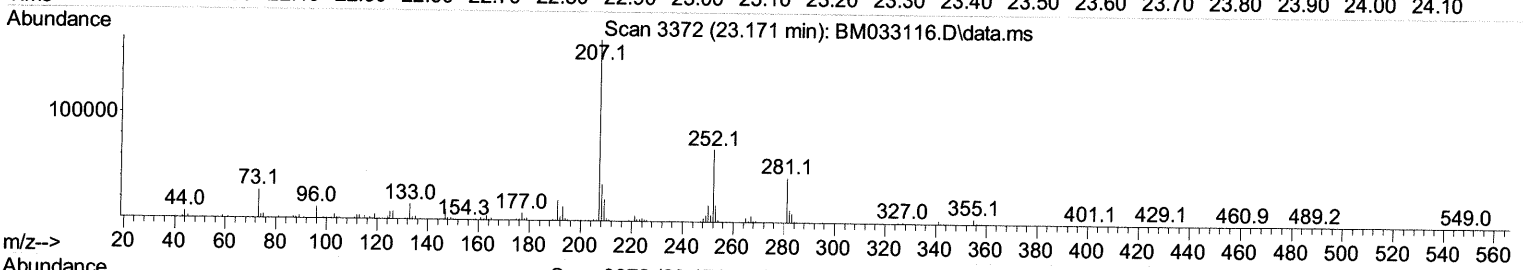

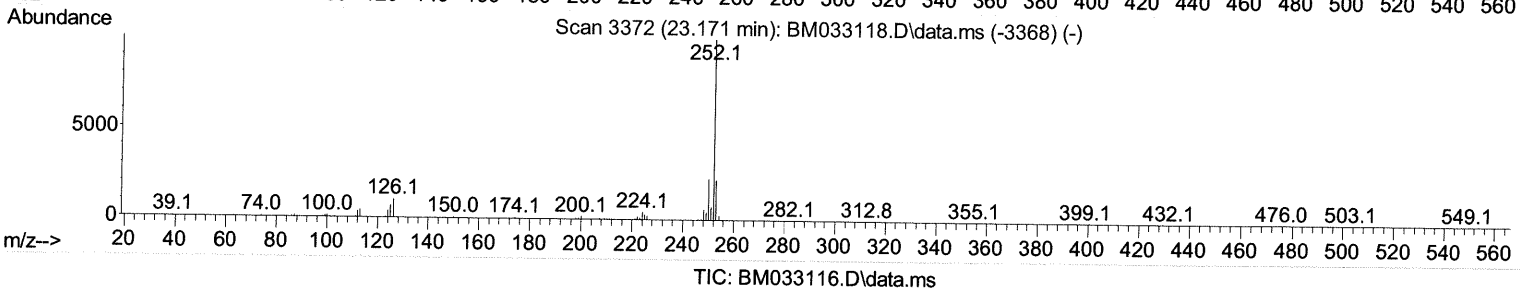

TIC: BM033116.D\data.ms

(91) Benzo(k)fluoranthene

23.171min (-0.000) 5.02 ng/ul m 11/29/21 JU

response 116395

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.74
125.00	7.30	10.22#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	90620	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	365157	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.595	164	238865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	484405	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	434244	20.000	ng/ul	0.00
88) Perylene-d12	23.835	264	420295	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	4448	1.968	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.501	132	25727	4.373	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.136	128	10686	4.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.854	143	9911	3.569	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.383	165	25892	4.683	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.007	166	79478	4.808	ng/ul	0.00
49) Acenaphthylene-d8	14.289	160	99349	4.947	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.583	176	70932	5.059	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.430	188	108328	5.137	ng/ul	0.00
81) Pyrene-d10	19.706	212	118712	5.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.683	264	99874	4.745	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	4017	1.633	ng/uL	96
12) 2-Chlorophenol	7.537	128	27134	4.464	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.778	70	23656	5.255	ng/ul	97
19) Hexachloroethane	9.054	117	12153	5.026	ng/ul	94
22) Nitrobenzene	9.178	77	32661	5.339	ng/ul	98
23) Isophorone	9.707	82	61140	5.181	ng/ul	99
25) 2-Nitrophenol	9.883	139	10976	3.617	ng/ul	90
26) 2,4-Dimethylphenol	9.936	107	32725	5.044	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.183	93	37075	4.737	ng/ul	95
29) 2,4-Dichlorophenol	10.413	162	25759	4.733	ng/ul	96
30) Naphthalene	10.825	128	90045	4.811	ng/ul	99
33) Hexachlorobutadiene	11.107	225	21515	6.128	ng/ul	91
35) 4-Chloro-3-methylphenol	12.036	107	28383	4.740	ng/ul	95
36) 2-Methylnaphthalene	12.430	142	62131	4.881	ng/ul	95
37) 1-Methylnaphthalene	12.648	142	63315	4.885	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.789	216	36105	5.482	ng/ul	95
41) 2,4,6-Trichlorophenol	13.024	196	19962	4.732	ng/ul	97
42) 2,4,5-Trichlorophenol	13.095	196	21458	4.636	ng/ul	99
43) 1,1'-Biphenyl	13.430	154	87132	5.088	ng/ul	97
44) 2-Chloronaphthalene	13.477	162	66362	5.084	ng/ul	100
45) 2-Nitroaniline	13.677	65	14488	4.156	ng/ul	88
47) Dimethylphthalate	14.048	163	78389	4.735	ng/ul#	99
48) 2,6-Dinitrotoluene	14.166	165	11095	3.596	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.318	152	103970	4.893	ng/ul	100
52) Acenaphthene	14.660	153	69550	4.957	ng/ul	97
56) Dibenzofuran	14.989	168	102030	5.018	ng/ul	96
57) 2,4-Dinitrotoluene	14.948	165	13465	2.953	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.213	232	16703	4.443	ng/ul#	98
59) Diethylphthalate	15.407	149	76747	4.647	ng/ul	98
61) Fluorene	15.636	166	80878	5.177	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.630	204	42447	5.379	ng/ul	96
67) N-Nitrosodiphenylamine	15.842	169	65668	4.859	ng/ul	99
68) 4-Bromophenyl-phenylether	16.524	248	24747	5.301	ng/ul	93
69) Hexachlorobenzene	16.630	284	30197	5.615	ng/ul	96
72) Phenanthrene	17.371	178	126295	5.051	ng/ul	99
74) Anthracene	17.465	178	125035	4.978	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.395	216	36612	5.383	ng/uL	95
76) Pentachlorobenzene	14.907	250	36343	5.380	ng/uL	98
78) Di-n-butylphthalate	18.295	149	111257	4.299	ng/ul	99
80) Fluoranthene	19.377	202	139004	5.157	ng/ul	98
82) Pyrene	19.736	202	143824	5.194	ng/ul	99
83) Butylbenzylphthalate	20.630	149	42428	4.038	ng/ul	95
85) Benzo(a)anthracene	21.471	228	129221	4.935	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.400	149	60571	4.147	ng/ul	100
87) Chrysene	21.524	228	126904	4.922	ng/ul	99
90) Benzo(b)fluoranthene	23.124	252	132257	5.172	ng/ul	97
91) Benzo(k)fluoranthene	23.171	252	116395m	5.019	ng/ul	11/29/21 JU
93) Benzo(a)pyrene	23.730	252	119304	4.931	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.247	276	137476	5.141	ng/ul	97
95) Dibenzo(a,h)anthracene	26.259	278	119600	5.212	ng/ul	98
96) Benzo(g,h,i)perylene	26.982	276	118427	5.061	ng/ul	98

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