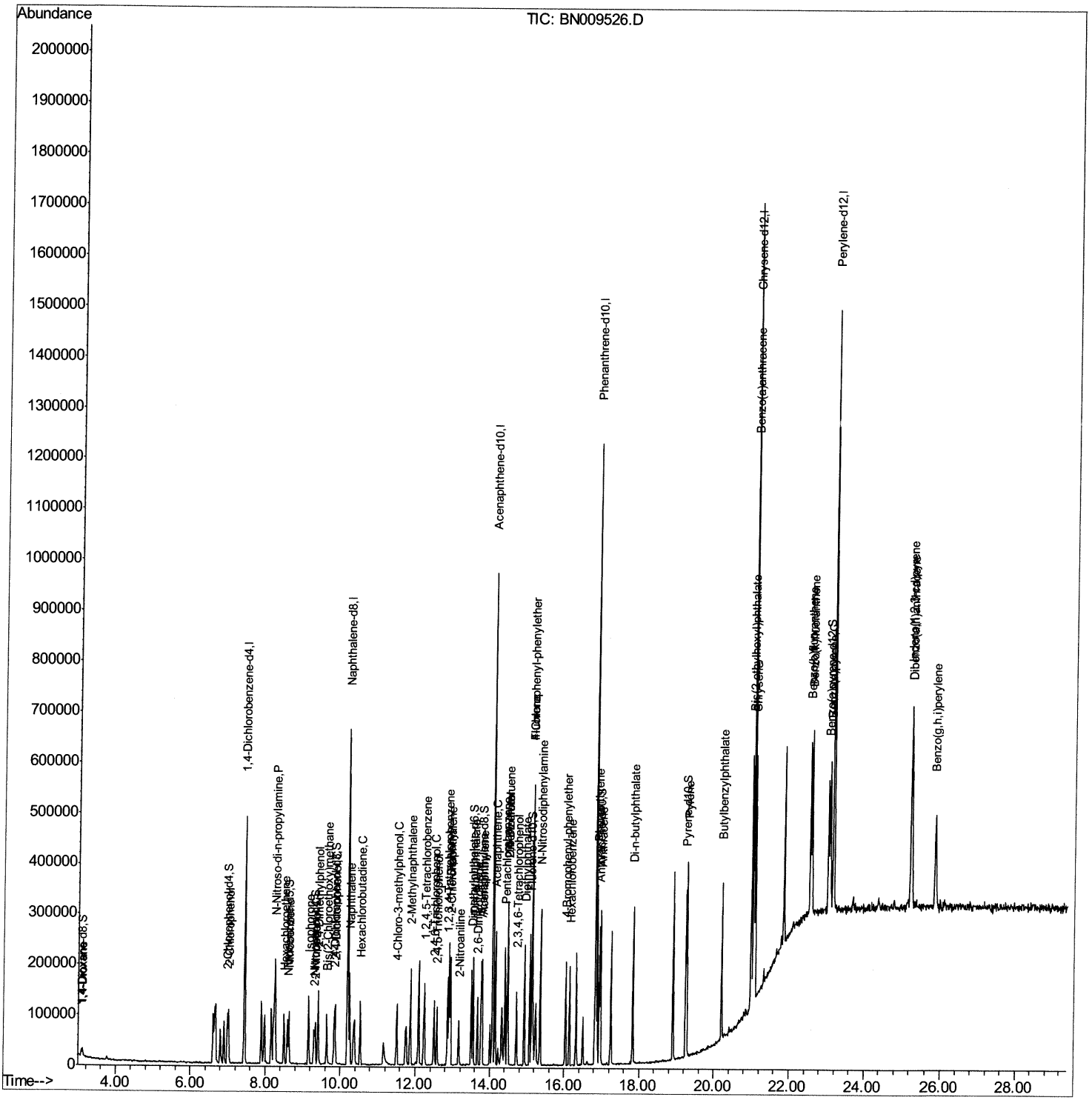
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009526.D
Acq On : 03 Feb 2020 13:04
Operator : CG/JU
Sample : SSTD00553
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 15:05:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD00553

Manual Integrations APPROVED
mohammad
2/4/2020 6:14:00 PM



Quantitation Report (Qedit)

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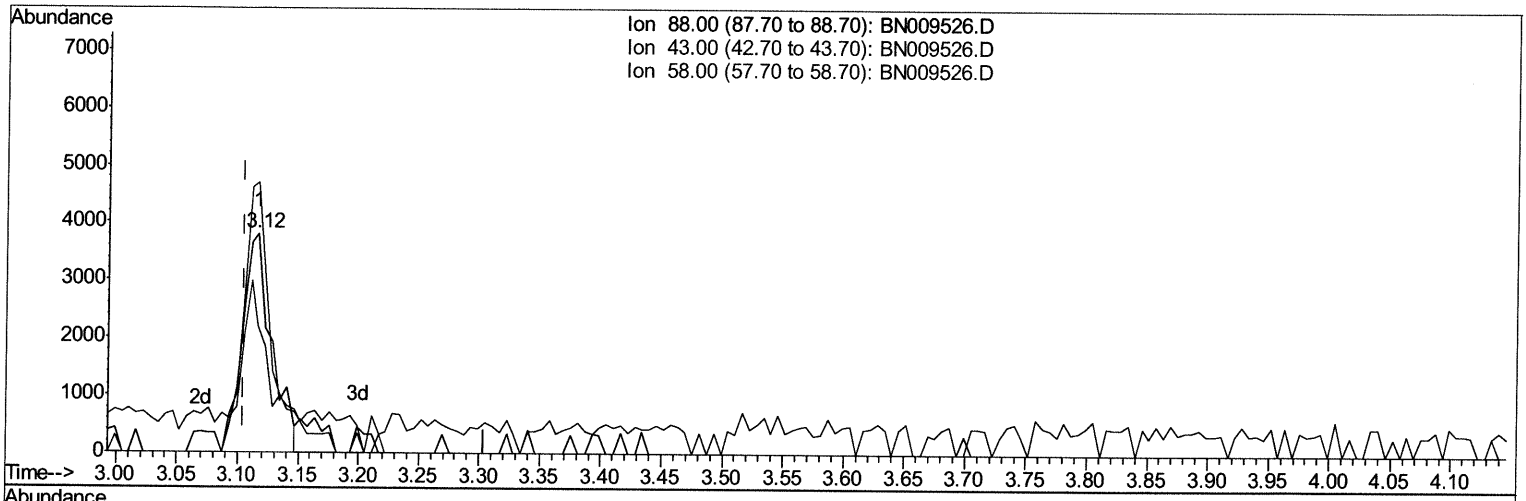

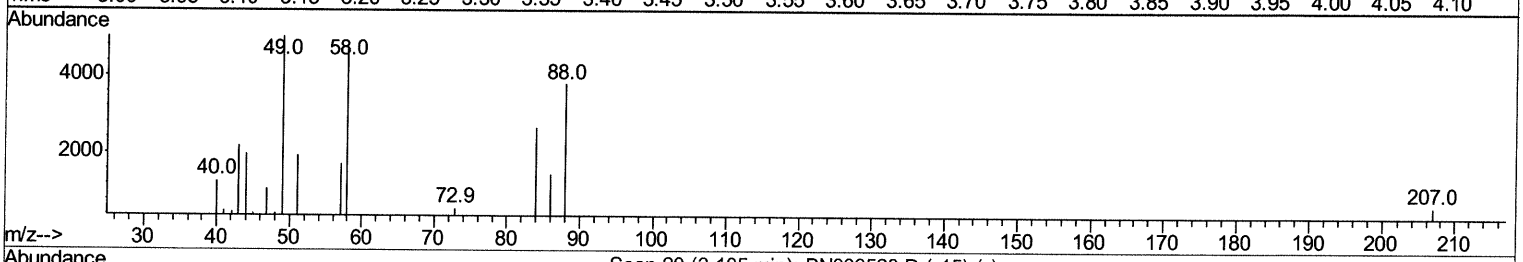

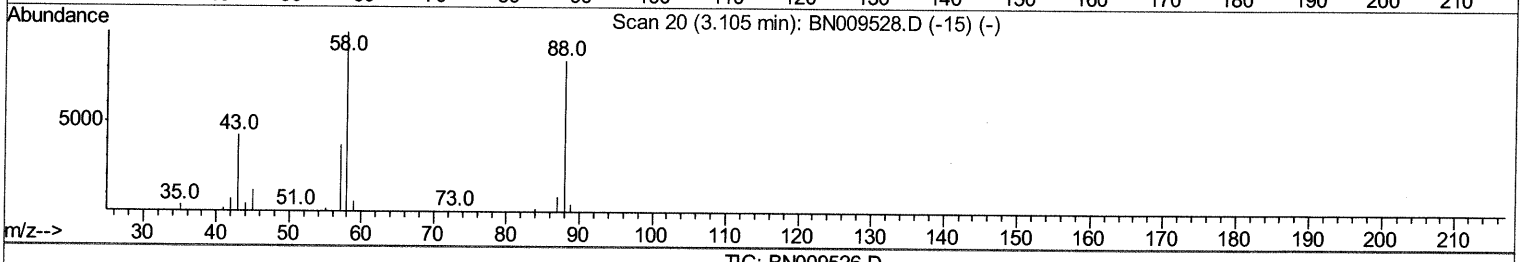

TIC: BN009526.D

(2) 1,4-Dioxane

3.117min (+0.012) 2.11ng/uL

response 6409

Ion	Exp%	Act%
88.00	100	100
43.00	55.30	57.52
58.00	118.50	123.38
0.00	0.00	0.00

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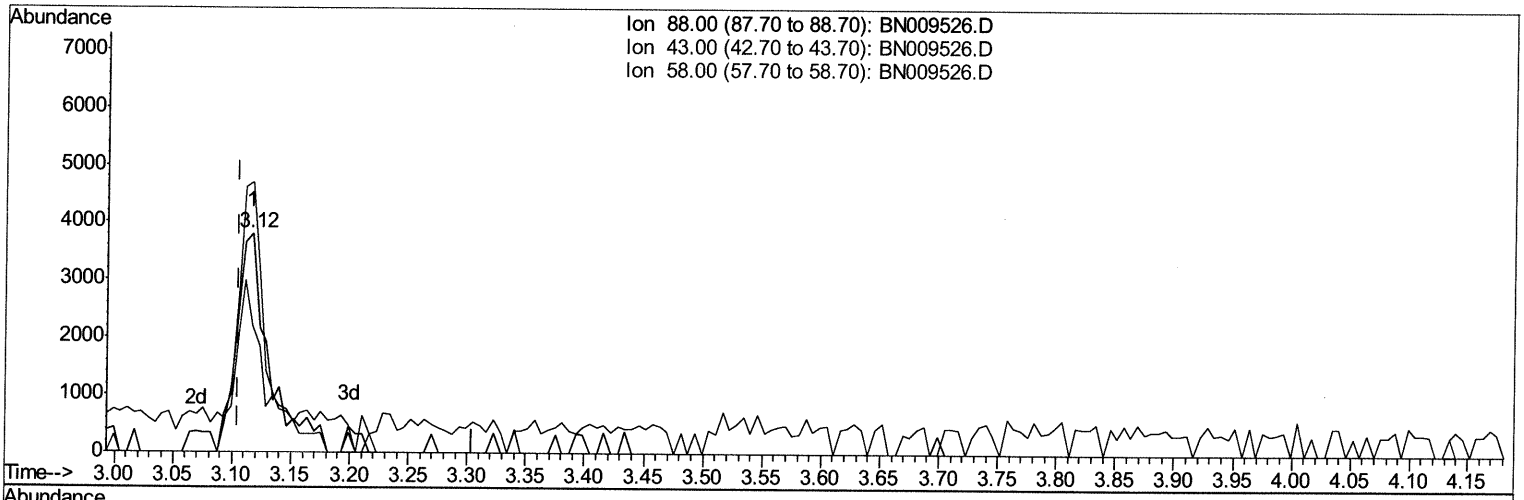

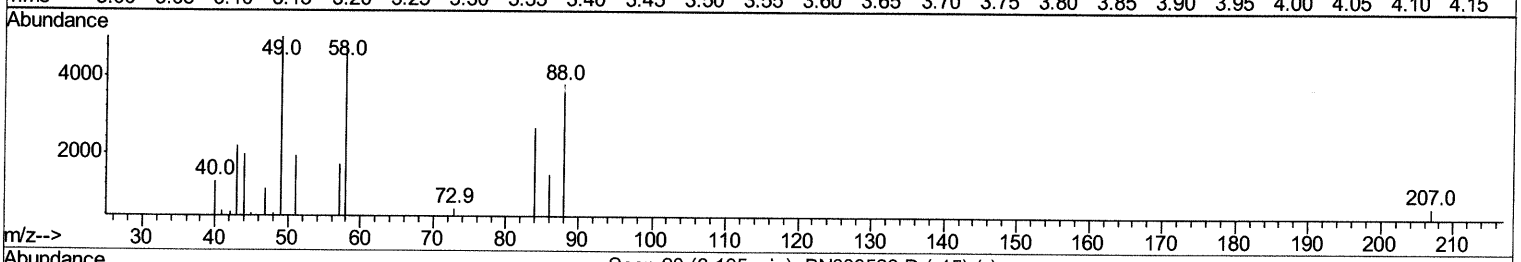

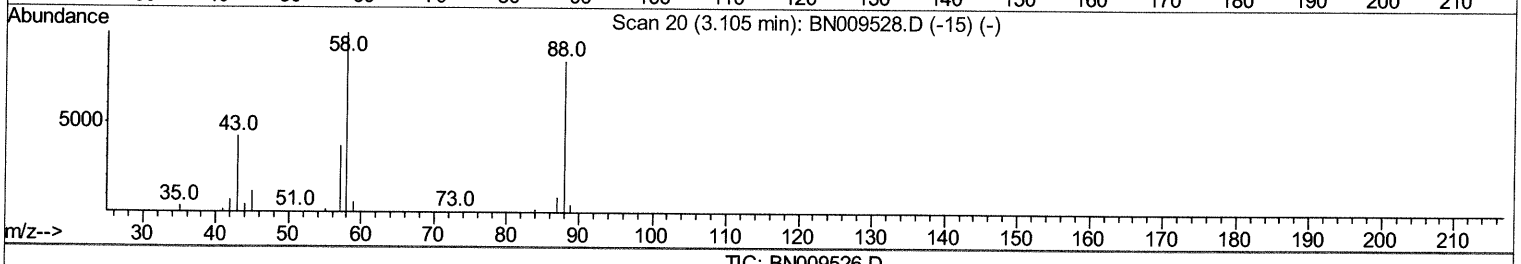

TIC: BN009526.D

(2) 1,4-Dioxane

3.117min (+0.012) 2.40ng/uL m JU 02/05/20

response 7279

Ion	Exp%	Act%
88.00	100	100
43.00	55.30	57.52
58.00	118.50	123.38
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	112635	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	461113	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	298418	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	637591	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	605239	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	694000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	5605	2.06	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	6.99	132	35135	4.82	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.59	128	15986	4.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	17338	4.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	33481	4.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	109385	4.95	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	125397	4.78	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.08	176	97201	5.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.93	188	143240	4.86	ng/ul	0.00
78) Pyrene-d10	19.24	212	154645	4.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	162628	4.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	7279m >	2.401	ng/uL >	JU 02/05/20
10) 2-Chlorophenol	7.02	128	35492	4.678	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.25	70	30914	4.432	ng/ul	93
17) Hexachloroethane	8.49	117	17407	4.953	ng/ul	88
20) Nitrobenzene	8.63	77	47305	4.796	ng/ul	95
21) Isophorone	9.15	82	82682	4.726	ng/ul	98
23) 2-Nitrophenol	9.33	139	19175	4.949	ng/ul	90
24) 2,4-Dimethylphenol	9.40	107	43954	4.944	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	54000	5.041	ng/ul	96
27) 2,4-Dichlorophenol	9.86	162	34703	5.081	ng/ul	96
28) Naphthalene	10.24	128	124780	5.029	ng/ul	98
31) Hexachlorobutadiene	10.53	225	23966	5.113	ng/ul	91
33) 4-Chloro-3-methylphenol	11.50	107	40735	4.915	ng/ul	93
34) 2-Methylnaphthalene	11.87	142	87336	5.112	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	42687	4.949	ng/ul	93
38) 2,4,6-Trichlorophenol	12.50	196	25186	4.724	ng/ul	96
39) 2,4,5-Trichlorophenol	12.57	196	29078	4.957	ng/ul	95
40) 1,1'-Biphenyl	12.90	154	118216	5.232	ng/ul	99
41) 2-Chloronaphthalene	12.94	162	92598	5.190	ng/ul	97
42) 2-Nitroaniline	13.16	65	27980	4.295	ng/ul	94
44) Dimethylphthalate	13.55	163	114654	5.043	ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	18877	4.363	ng/ul	95
47) Acenaphthylene	13.80	152	141808	5.013	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.15	153	98546	5.106	ng/ul	95
53) Dibenzofuran	14.49	168	137975	5.145	ng/ul	96
54) 2,4-Dinitrotoluene	14.47	165	29034	4.499	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	14.72	232	23935	4.775	ng/ul	97
56) Diethylphthalate	14.93	149	116442	5.008	ng/ul	97
58) Fluorene	15.14	166	115787	5.153	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.14	204	56002	5.056	ng/ul	98
64) N-Nitrosodiphenylamine	15.36	169	94494	5.005	ng/ul	96
65) 4-Bromophenyl-phenylether	16.04	248	31298	4.870	ng/ul	93
66) Hexachlorobenzene	16.15	284	33823	4.745	ng/ul	94
69) Phenanthrene	16.87	178	186437	5.182	ng/ul	97
71) Anthracene	16.97	178	183462	5.009	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	46473	5.322	ng/uL	96
73) Pentachlorobenzene	14.40	250	46639	5.494	ng/uL	93
75) Di-n-butylphthalate	17.83	149	187076	4.883	ng/ul	99
79) Pyrene	19.27	202	223985	5.111	ng/ul	99
80) Butylbenzylphthalate	20.20	149	76678	4.534	ng/ul	93
82) Benzo(a)anthracene	21.03	228	211748	5.138	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	116977	4.560	ng/ul	100
84) Chrysene	21.08	228	218305	5.437	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	210168	4.790	ng/ul	99
88) Benzo(k)fluoranthene	22.58	252	202953	4.704	ng/ul	99
90) Benzo(a)pyrene	23.07	252	198112	5.030	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	233447	4.891	ng/ul	99
92) Dibenzo(a,h)anthracene	25.23	278	192623	4.783	ng/ul	99
93) Benzo(g,h,i)perylene	25.84	276	196950	4.960	ng/ul	99

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