

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047881.D
 Acq On : 07 Oct 2024 11:19
 Operator : RC/JU
 Sample : P4109-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4E64

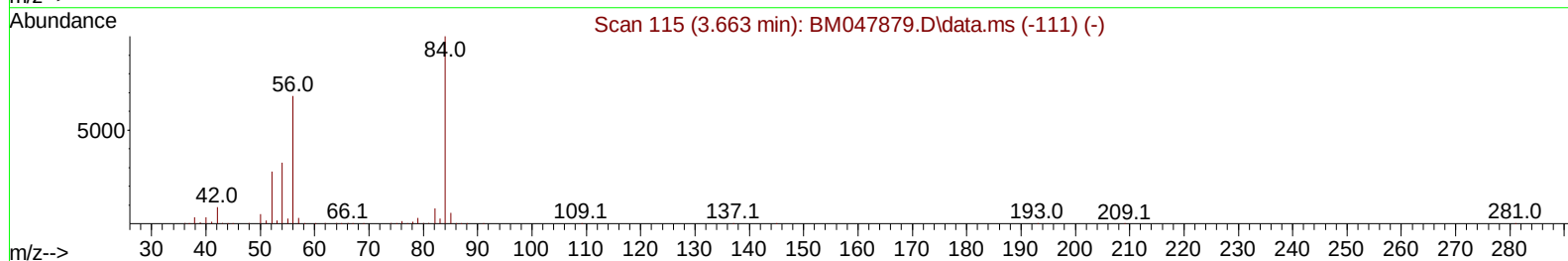
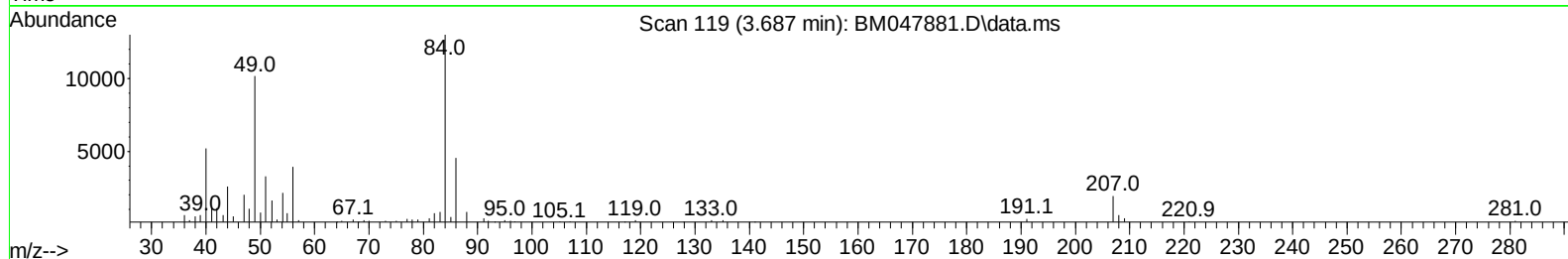
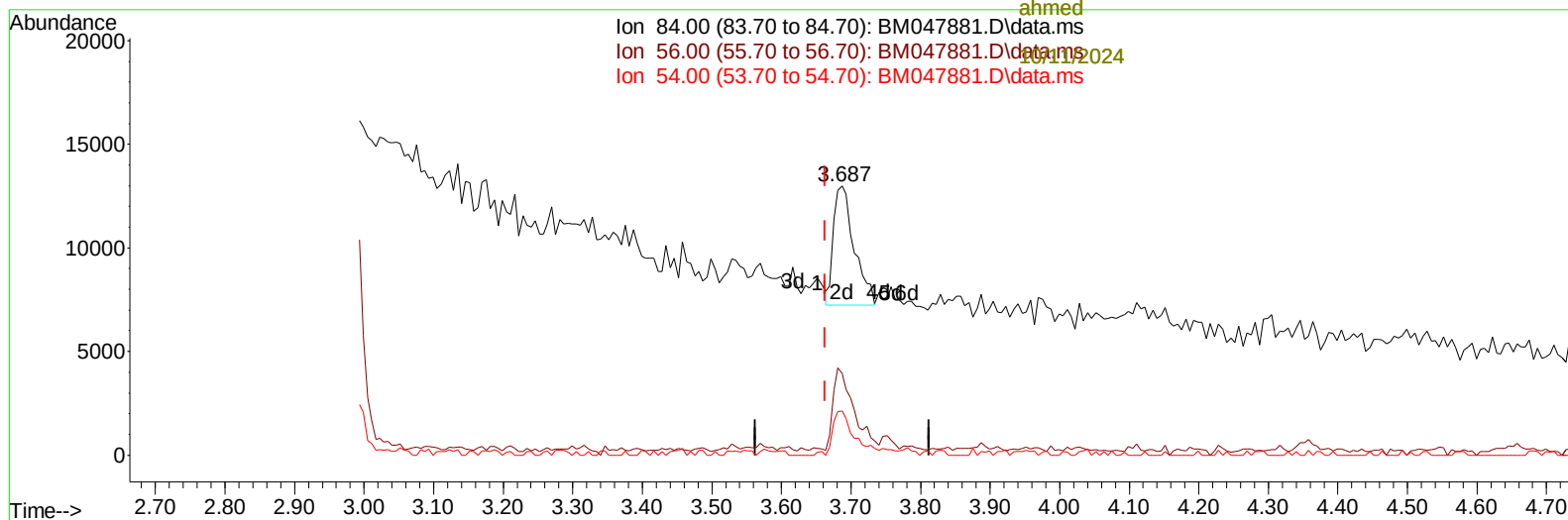
Manual IntegrationsAPPROVED

Quant Time: Oct 07 11:52:32 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Reviewed By :Yogesh
 Patel

10/08/2024
 Supervised By :mohammad
 ahmed

Ion 84.00 (83.70 to 84.70): BM047881.D\data.ms
 Ion 56.00 (55.70 to 56.70): BM047881.D\data.ms
 Ion 54.00 (53.70 to 54.70): BM047881.D\data.ms



TIC: BM047881.D\data.ms

(4) Pyridine-d5 (S)

3.687min (+ 0.024) 0.53 ng/ul m

response 11859

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	30.39#
54.00	36.10	16.49#
0.00	0.00	0.00

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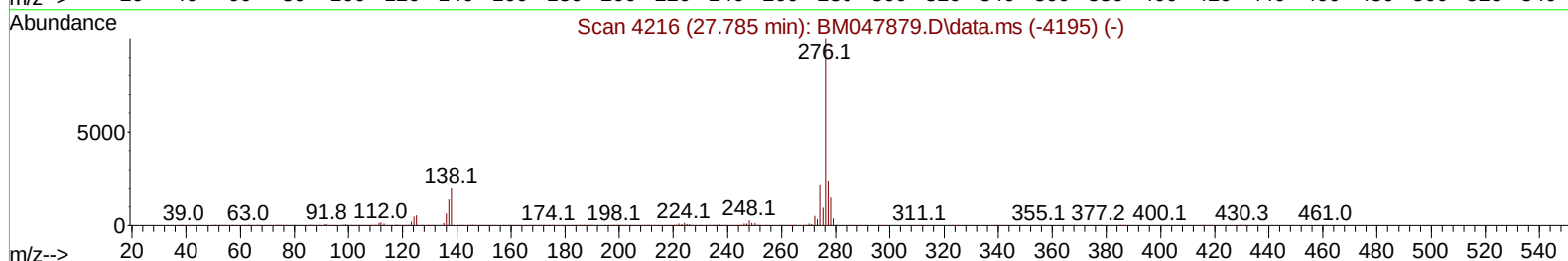
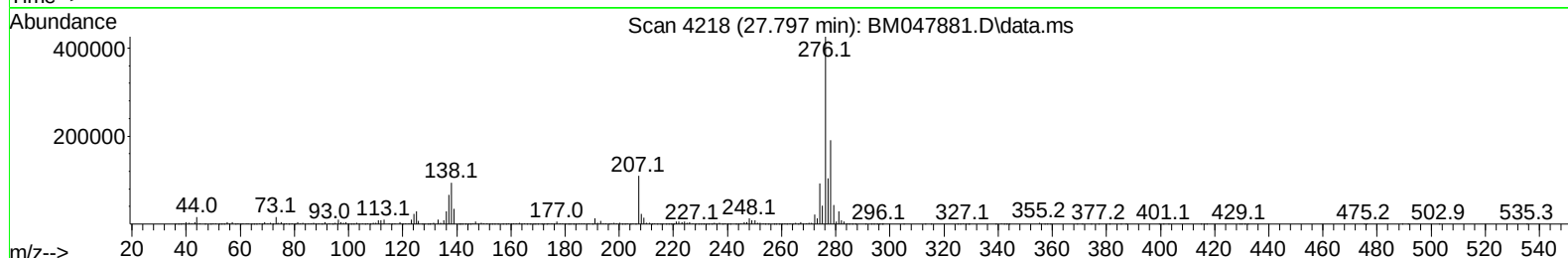
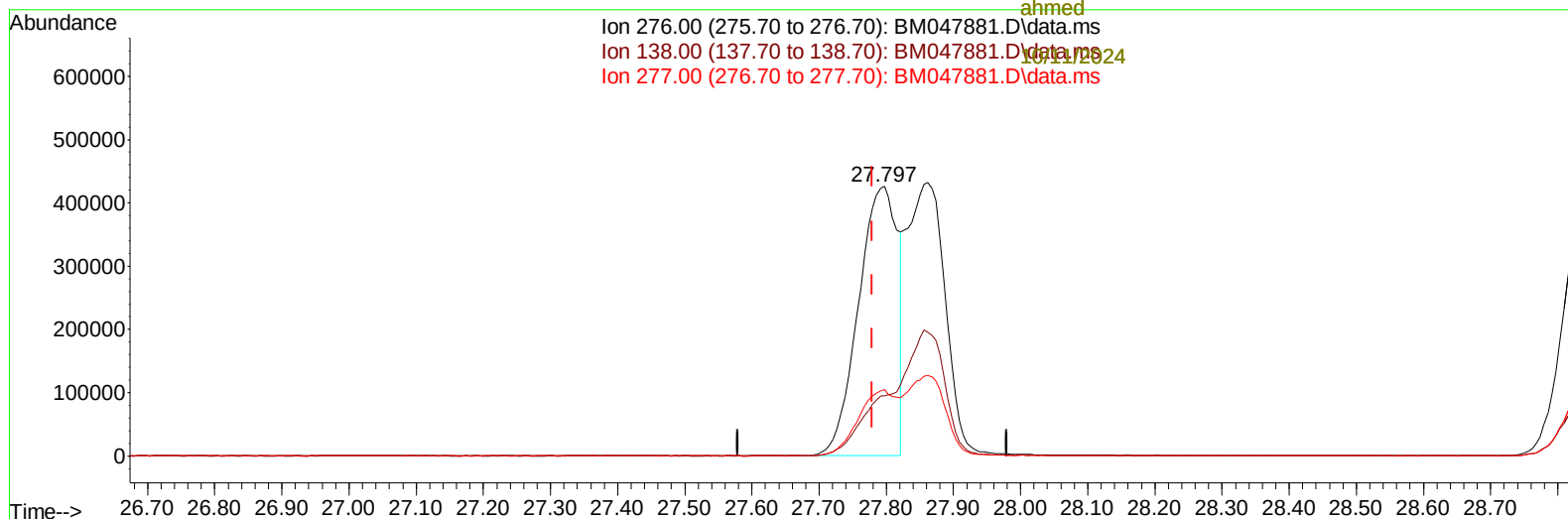
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Ion 276.00 (275.70 to 276.70): BM047881.D\data.ms
Ion 138.00 (137.70 to 138.70): BM047881.D\data.ms
Ion 277.00 (276.70 to 277.70): BM047881.D\data.ms



TIC: BM047881.D\data.ms

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

27.797min (+ 0.018) 17.65 ng/uL

response 1725201

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	22.20
277.00	23.60	24.61
0.00	0.00	0.00

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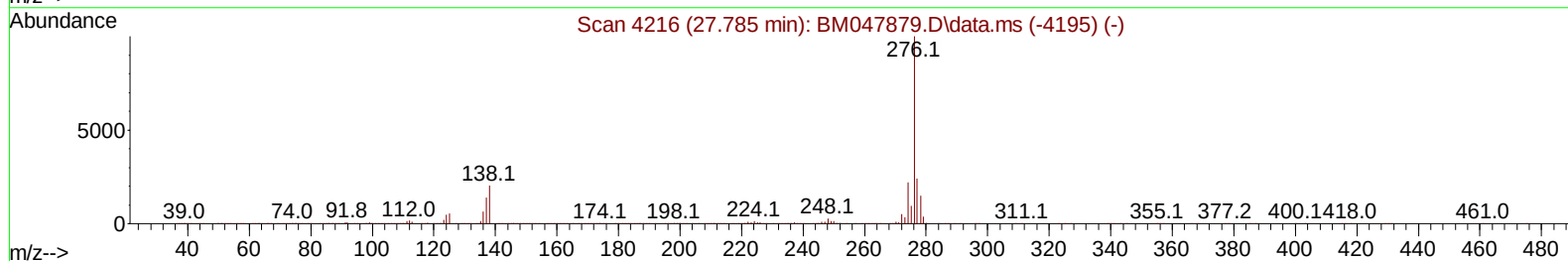
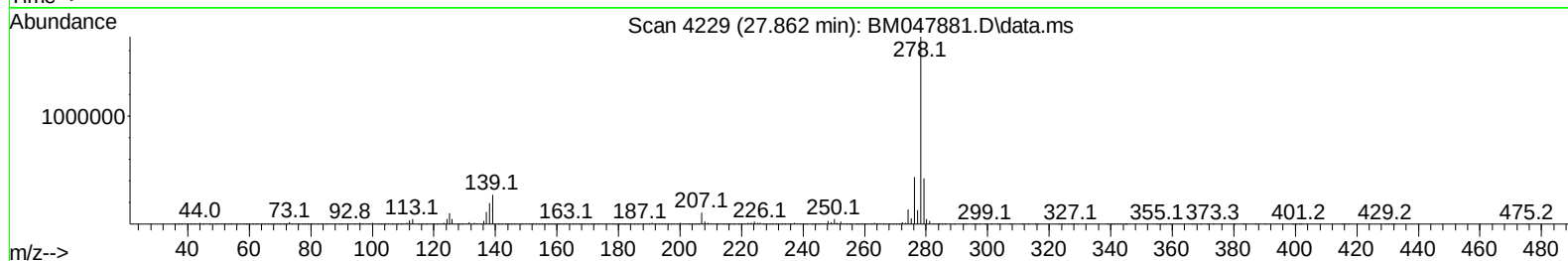
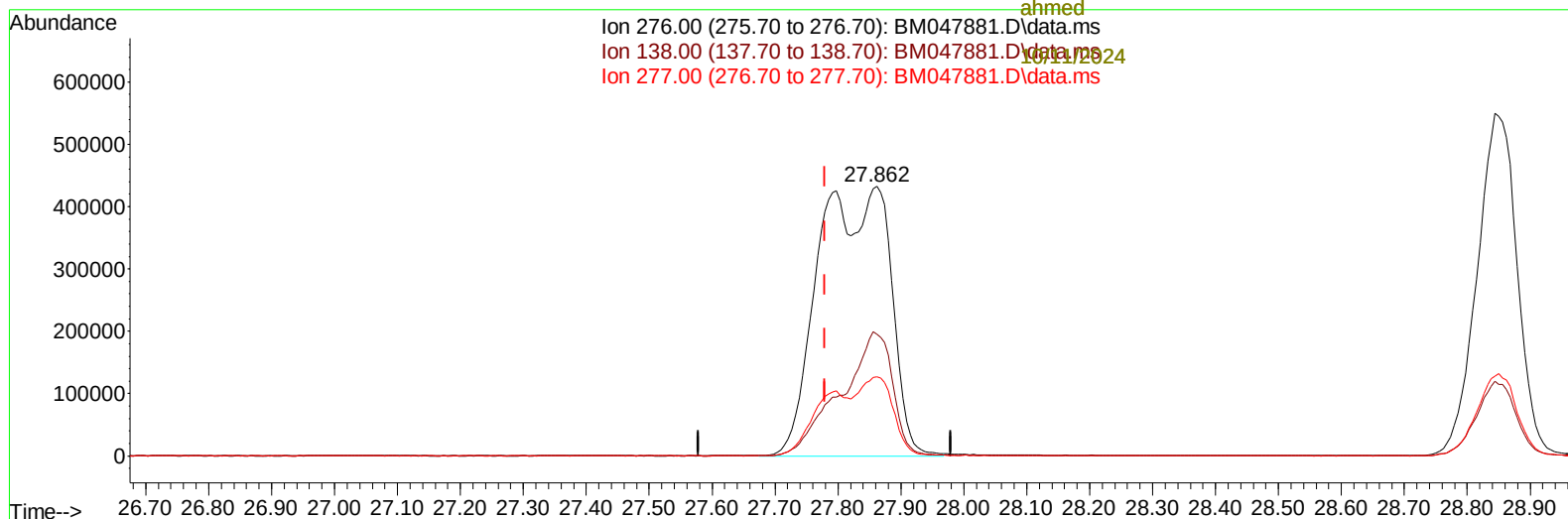
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Ion 276.00 (275.70 to 276.70): BM047881.D\data.ms
Ion 138.00 (137.70 to 138.70): BM047881.D\data.ms
Ion 277.00 (276.70 to 277.70): BM047881.D\data.ms



TIC: BM047881.D\data.ms

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

27.862min (+ 0.083) 35.06 ng/ul m

response 3426704

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	45.27#
277.00	23.60	29.42#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----10/11/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	245894	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	991941	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	611644	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1223699	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.410	240	1043987	20.000	ng/ul	0.01
88) Perylene-d12	24.403	264	1287795	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	20076	2.638	ng/uL	0.00
4) Pyridine-d5	3.687	84	11859m	0.532	ng/ul	0.02
7) Phenol-d5	6.969	99	513145	22.069	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	299053	18.125	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	418272	24.725	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	424454	24.553	ng/ul	0.01
21) Nitrobenzene-d5	8.951	128	202403	25.627	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	220899	29.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	525016	34.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	489614	20.947	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1378237	31.080	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	1596553	30.366	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	248142	28.105	ng/ul	0.02
60) Fluorene-d10	15.428	176	1208816	31.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	153593	21.449	ng/ul	0.00
73) Anthracene-d10	17.274	188	1892205	31.447	ng/ul	0.00
81) Pyrene-d10	19.563	212	2177953	36.758	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.198	264	2190510	32.784	ng/ul	0.00

Target Compounds				Qvalue		
8) Phenol	6.999	94	822503	33.245	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.222	93	3609676	183.105	ng/ul	90
12) 2-Chlorophenol	7.369	128	1687599	94.164	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.610	70	2846545	181.685	ng/ul#	86
19) Hexachloroethane	8.881	117	995109	123.530	ng/ul	87
22) Nitrobenzene	8.993	77	822449	36.658	ng/ul	92
23) Isophorone	9.534	82	6786245	169.091	ng/ul#	94
25) 2-Nitrophenol	9.704	139	496391	57.330	ng/ul#	88
27) Bis(2-Chloroethoxy)met...	10.010	93	4659095	189.802	ng/ul	98
29) 2,4-Dichlorophenol	10.246	162	2007158	128.566	ng/ul	98
33) Hexachlorobutadiene	10.934	225	1585844	153.739	ng/ul	98
35) 4-Chloro-3-methylphenol	11.875	107	843503	52.195	ng/ul	95
36) 2-Methylnaphthalene	12.251	142	2343041	64.630	ng/ul	98
41) 2,4,6-Trichlorophenol	12.869	196	2569058	223.005	ng/ul	100
42) 2,4,5-Trichlorophenol	12.934	196	636144	50.498	ng/ul	98
48) 2,6-Dinitrotoluene	14.016	165	2431704	308.313	ng/ul#	81
50) Acenaphthylene	14.157	152	1380450	23.281	ng/ul	99
52) Acenaphthene	14.504	153	5188154	123.779	ng/ul	99
55) 4-Nitrophenol	14.657	109	693973	93.617	ng/ul#	85
57) 2,4-Dinitrotoluene	14.804	165	2320422	195.884	ng/ul#	78
61) Fluorene	15.486	166	7716912	163.941	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	1289563	57.977	ng/ul	96
68) 4-Bromophenyl-phenylether	16.369	248	632304	50.128	ng/ul	97

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----	-----
69) Hexachlorobenzene	16.492	284		3598660	245.158	ng/ul	92
71) Pentachlorophenol	16.833	266		2289872	245.326	ng/ul	100
72) Phenanthrene	17.216	178		3489887	48.632	ng/ul	99
74) Anthracene	17.310	178		3517897	48.063	ng/ul	99
78) Di-n-butylphthalate	18.139	149		12747142	172.585	ng/ul	98
80) Fluoranthene	19.233	202		12175581	174.477	ng/ul	99
82) Pyrene	19.592	202		6024112	77.561	ng/ul	97
83) Butylbenzylphthalate	20.480	149		1717784	62.559	ng/ul	88
85) Benzo(a)anthracene	21.392	228		10315120	141.116	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149		9028859	219.010	ng/ul#	96
87) Chrysene	21.457	228		13373359	187.667	ng/ul	96
90) Benzo(b)fluoranthene	23.474	252		13980140	174.077	ng/ul	97
93) Benzo(a)pyrene	24.268	252		3277118	42.966	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.862	276		3426704m	35.058	ng/ul	
95) Dibenzo(a,h)anthracene	27.862	278		7119356	88.878	ng/ul	97
96) Benzo(g,h,i)perylene	28.844	276		2439955	31.861	ng/ul	98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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