

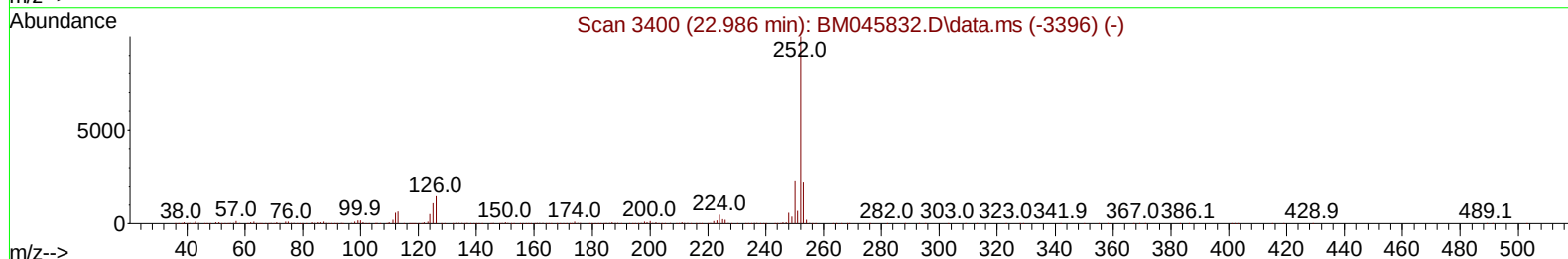
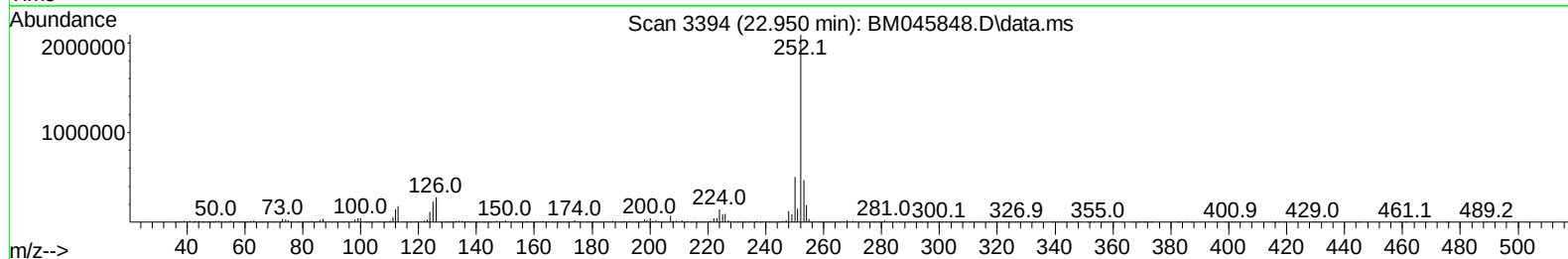
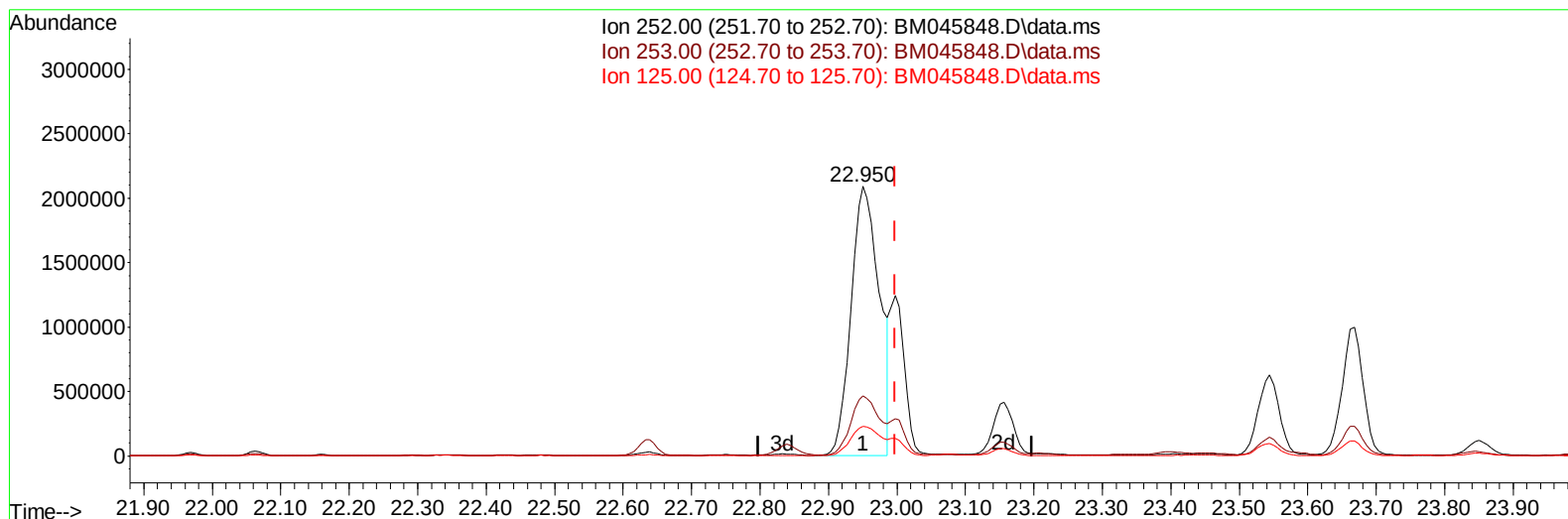
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045848.D
 Acq On : 05 Jun 2024 13:37
 Operator : MA/JU
 Sample : P2586-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D14

Manual IntegrationsAPPROVED

Quant Time: Jun 06 01:11:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BM045848.D\data.ms

(91) Benzo(k)fluoranthene

22.950min (-0.047) 112.31 ng/ul

response 5985268

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.35
125.00	10.30	10.98
0.00	0.00	0.00

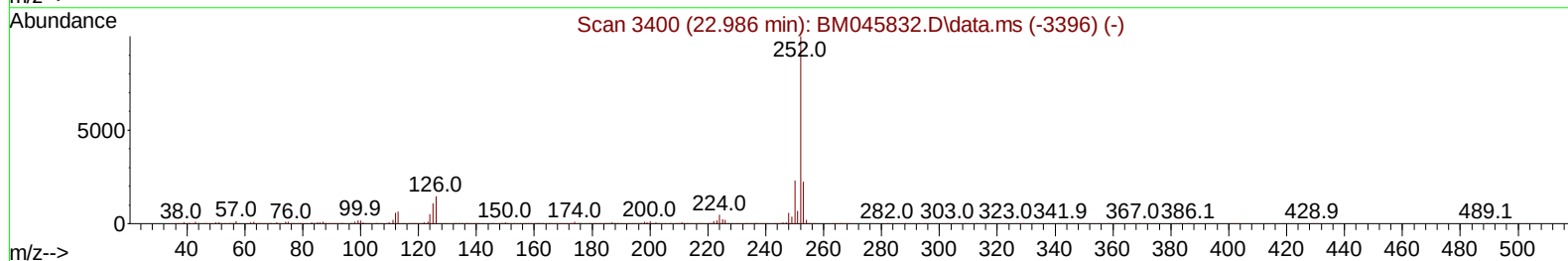
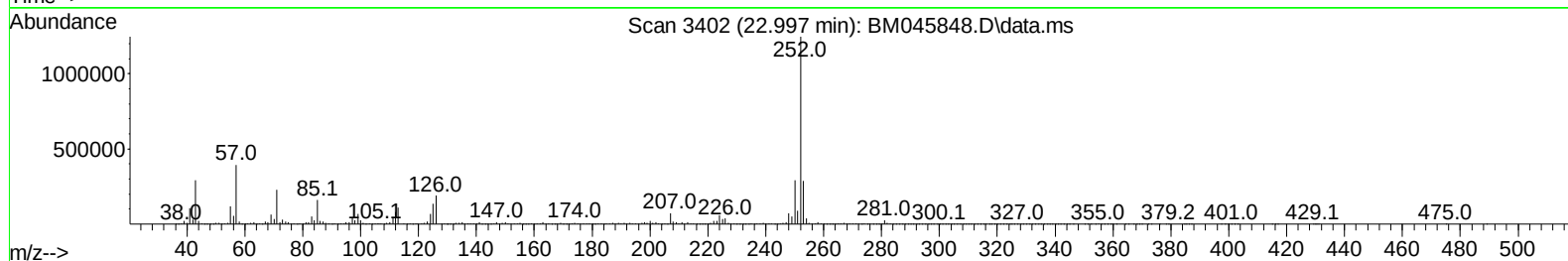
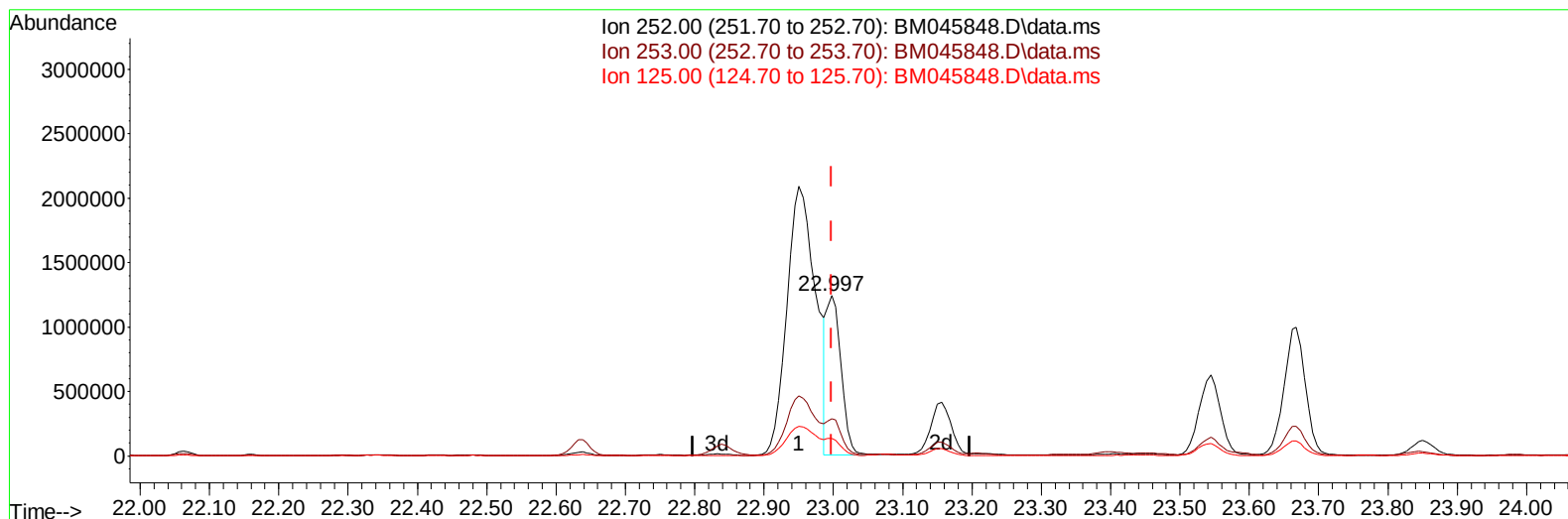
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(91) Benzo(k)fluoranthene

22.997min (-0.000) 34.35 ng/ul m

response 1830361

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.19
125.00	10.30	11.04
0.00	0.00	0.00

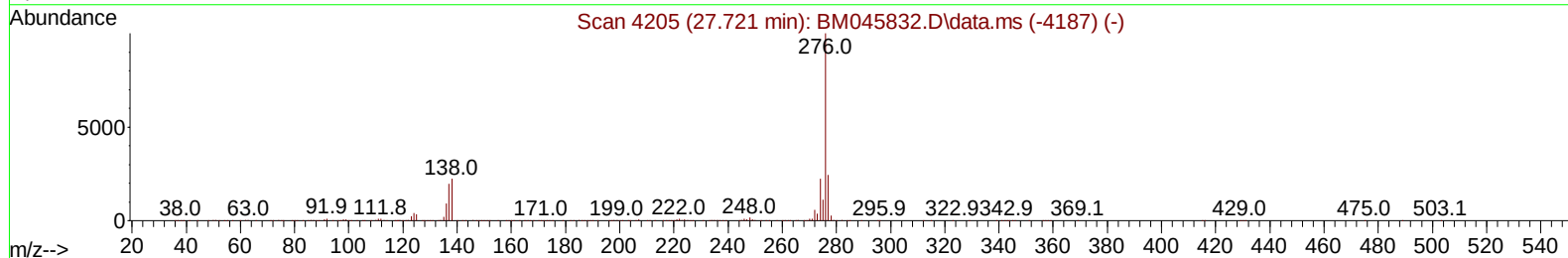
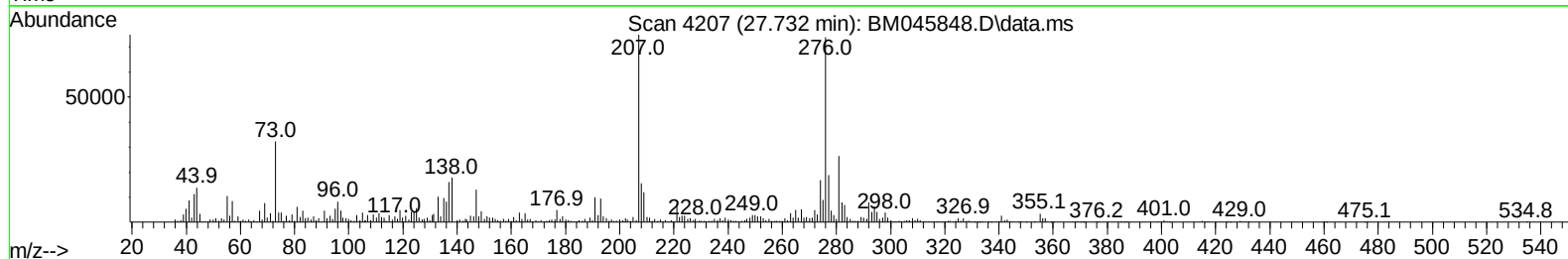
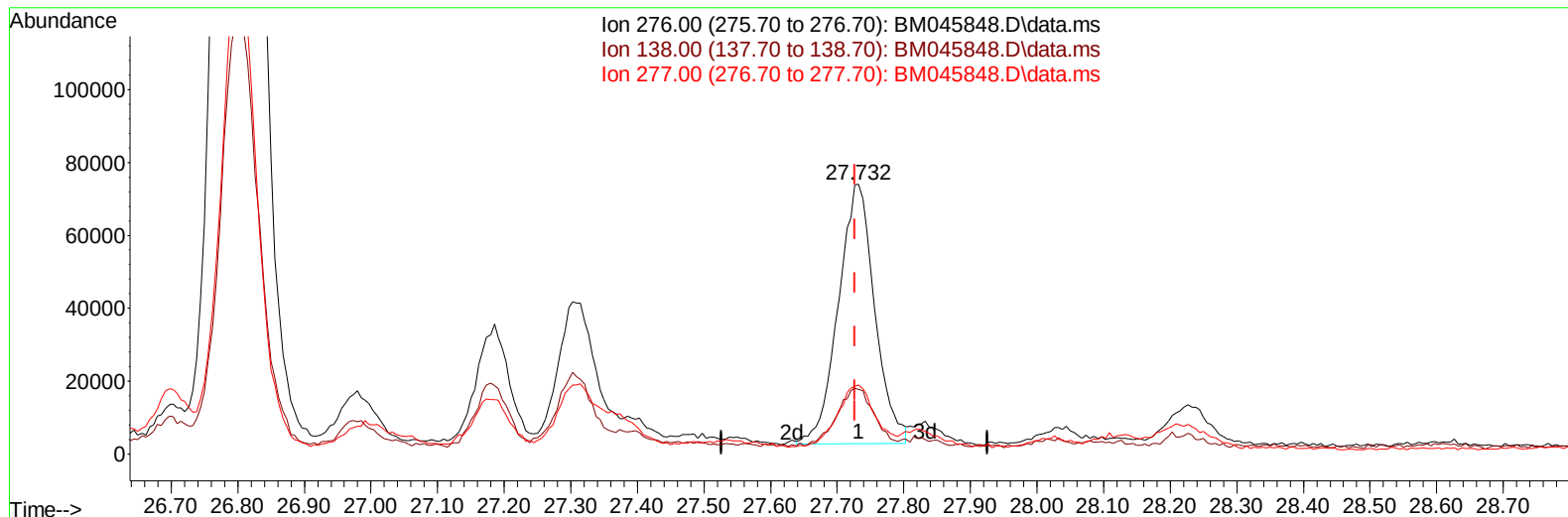
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045848.D\data.ms

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

27.732min (+ 0.006) 5.89 ng/u1

response 271427

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	24.06
277.00	23.40	25.63
0.00	0.00	0.00

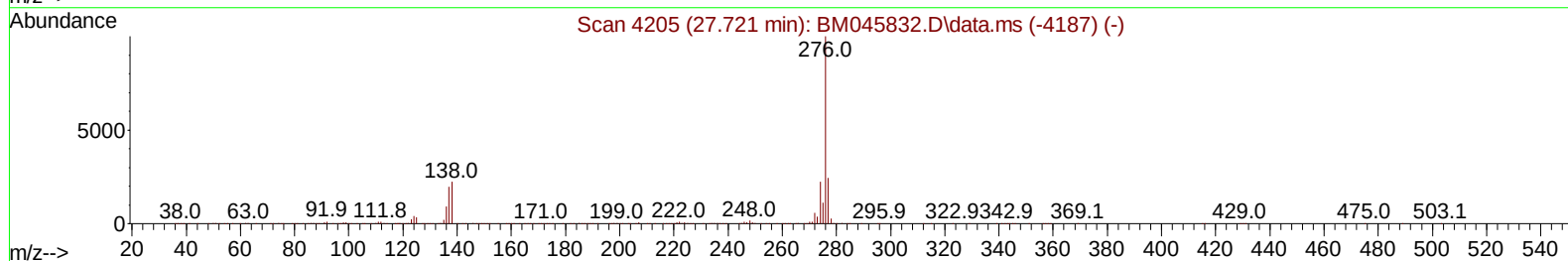
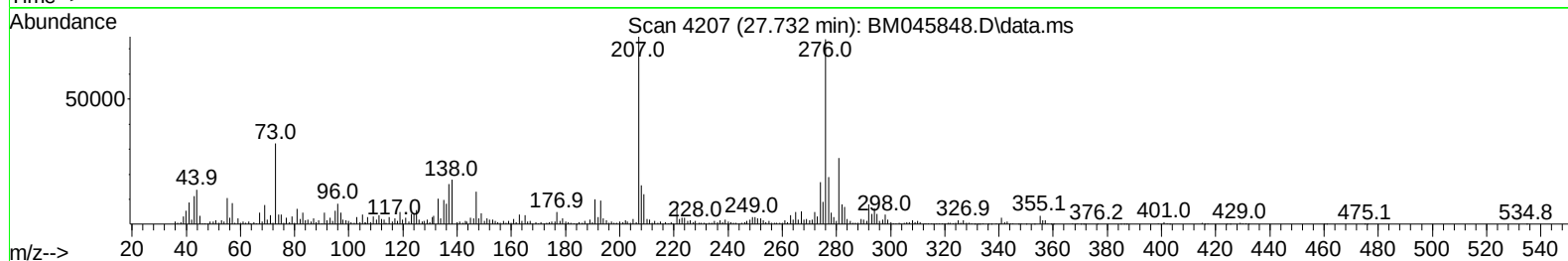
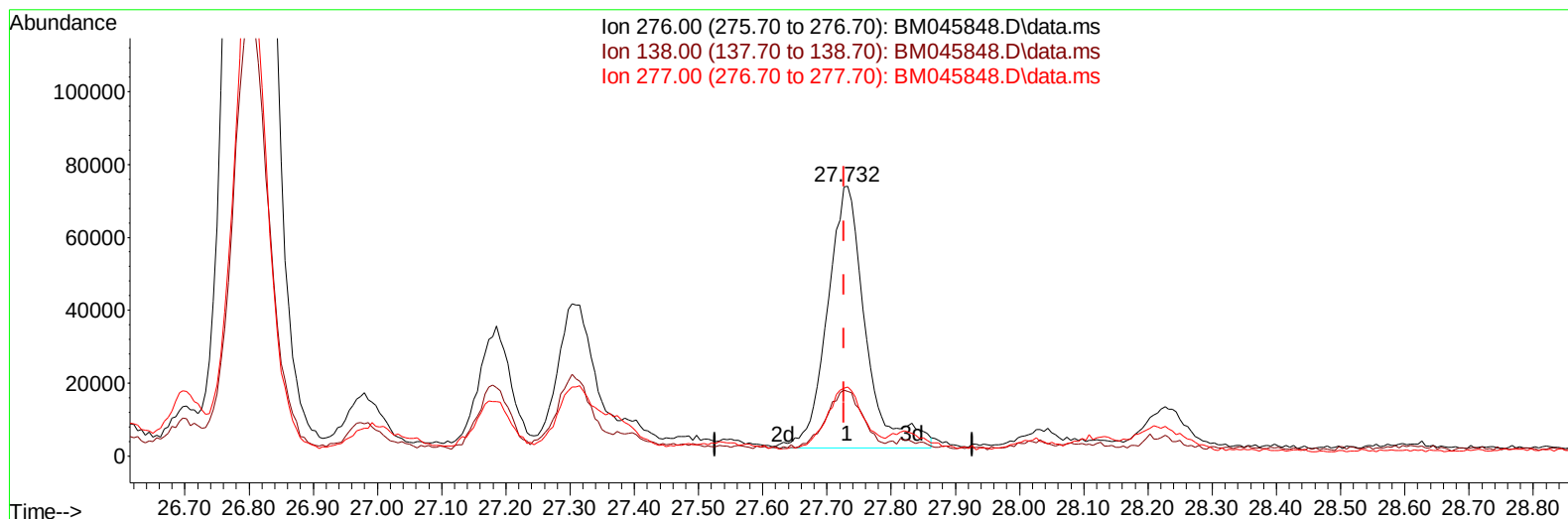
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045848.D\data.ms

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

27.732min (+ 0.006) 6.42 ng/ul m

response 295873

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	24.06
277.00	23.40	25.63
0.00	0.00	0.00

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Quant Time: Jun 06 01:23:04 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.463	152		250139	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136		1011575	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164		571689	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188		1001246	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240		745604	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264		887815	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.052	96		26404	4.093	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.716	99		532739	25.070	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67		400705	26.260	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132		438704	27.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113		387714	24.150	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128		225568	28.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143		229604	28.684	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165		401007	26.715	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131		103331	4.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166		1142877	28.877	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160		1304831	28.391	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143		83745	9.804	ng/ul	0.00
60) Fluorene-d10	15.104	176		929771	27.537	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200		75113	14.691	ng/ul	0.00
73) Anthracene-d10	16.951	188		1244663	28.595	ng/ul	0.00
81) Pyrene-d10	19.251	212		1226856	26.459	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264		885911	21.350	ng/ul	0.00
Target Compounds							
						Qvalue	
6) Benzaldehyde	6.640	77		29350	2.937	ng/ul	94
30) Naphthalene	10.281	128		239341	4.437	ng/ul	98
36) 2-Methylnaphthalene	11.898	142		105278	2.947	ng/ul	98
37) 1-Methylnaphthalene	12.122	142		97421	2.728	ng/ul	92
50) Acenaphthylene	13.827	152		640009	12.032	ng/ul	100
52) Acenaphthene	14.169	153		154460	4.352	ng/ul	98
56) Dibenzofuran	14.510	168		194092	4.055	ng/ul	99
61) Fluorene	15.163	166		210174	5.449	ng/ul	98
72) Phenanthrene	16.898	178		4796901	90.925	ng/ul	99
74) Anthracene	16.986	178		1015307	19.267	ng/ul	99
77) Carbazole	17.274	167		610434	13.576	ng/ul	99
80) Fluoranthene	18.921	202		9605147	170.873	ng/ul	99
82) Pyrene	19.286	202		6828286	118.230	ng/ul	100
85) Benzo(a)anthracene	21.050	228		3729267	72.438	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.997	149		45270	1.295	ng/ul#	97
87) Chrysene	21.109	228		4266413	89.582	ng/ul	98
90) Benzo(b)fluoranthene	22.950	252		5985268	109.700	ng/ul	99
91) Benzo(k)fluoranthene	22.997	252		1830361m	34.347	ng/ul	
93) Benzo(a)pyrene	23.668	252		2121956	44.259	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.803	276		1976790	37.756	ng/ul	98
95) Dibenzo(a,h)anthracene	26.826	278		651946	15.743	ng/ul	94
96) Benzo(g,h,i)perylene	27.732	276		295873m	6.416	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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