

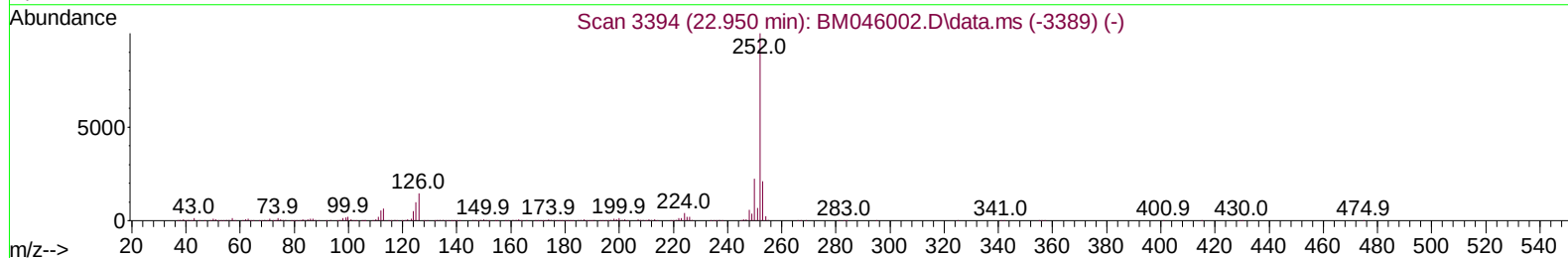
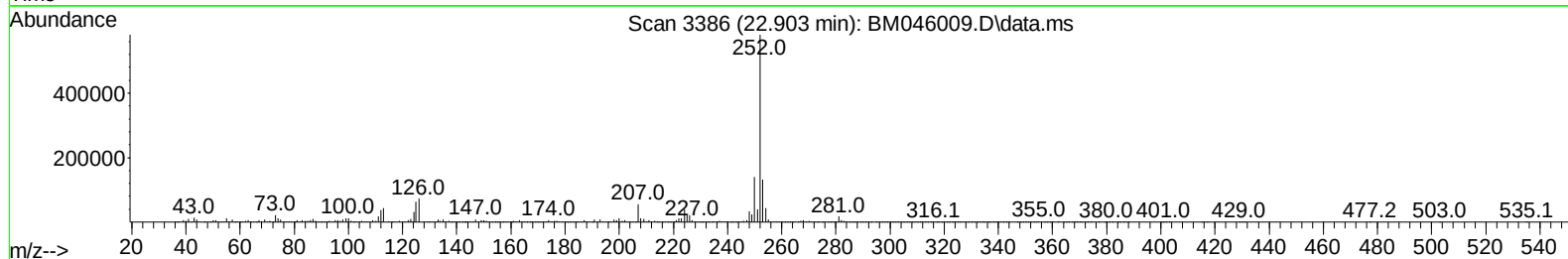
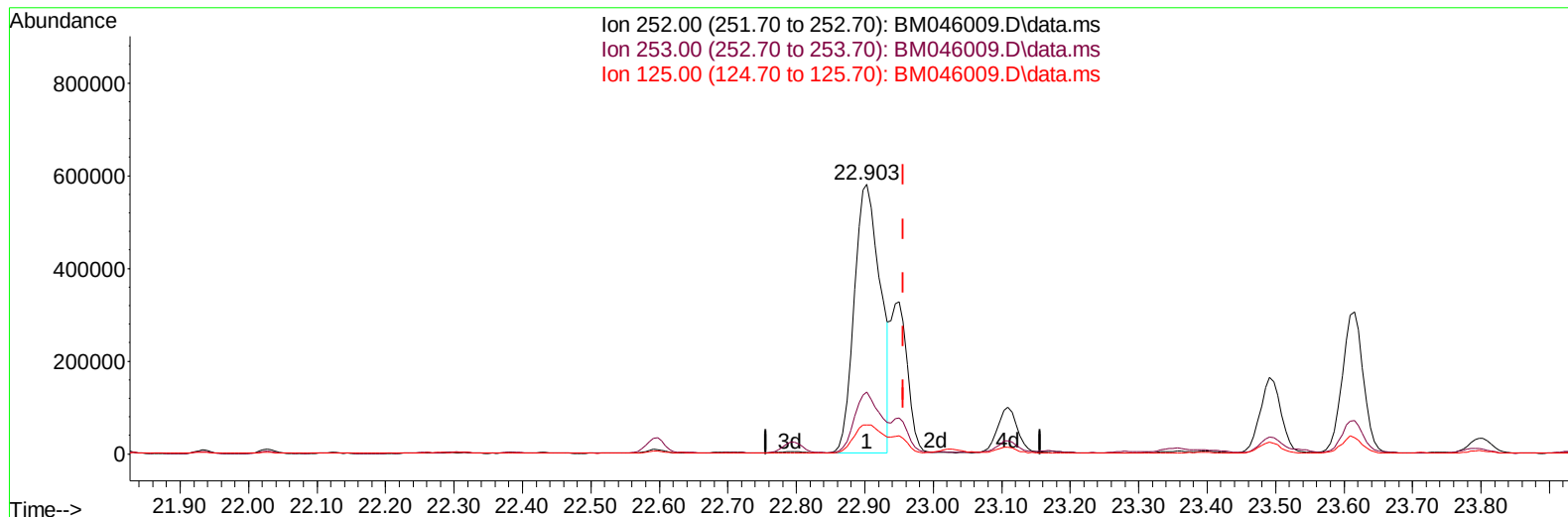
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046009.D
Acq On : 12 Jun 2024 23:16
Operator : MA/JU
Sample : P2659-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC34

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 01:20:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration



TIC: BM046009.D\data.ms

(91) Benzo(k)fluoranthene

22.903min (-0.053) 41.71 ng/u1

response 1535105

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.91
125.00	10.30	10.78
0.00	0.00	0.00

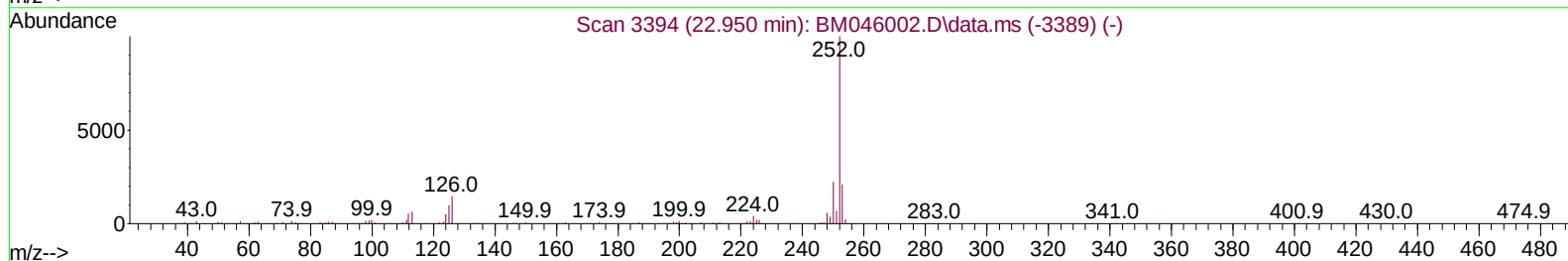
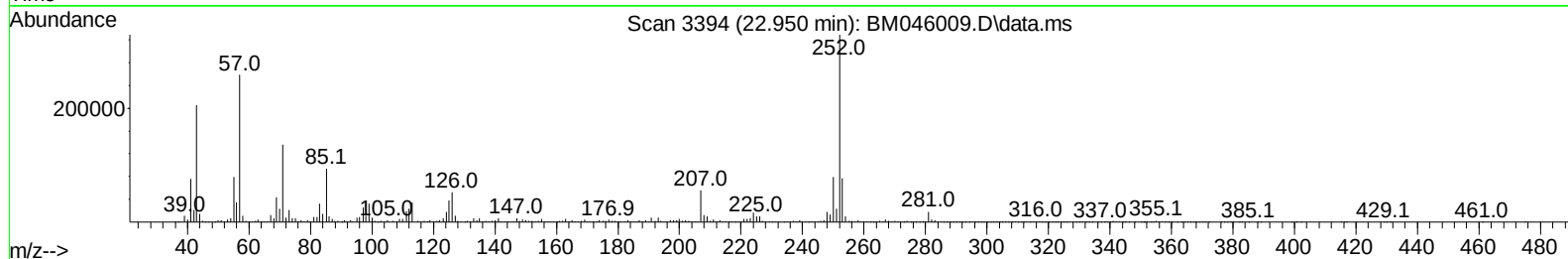
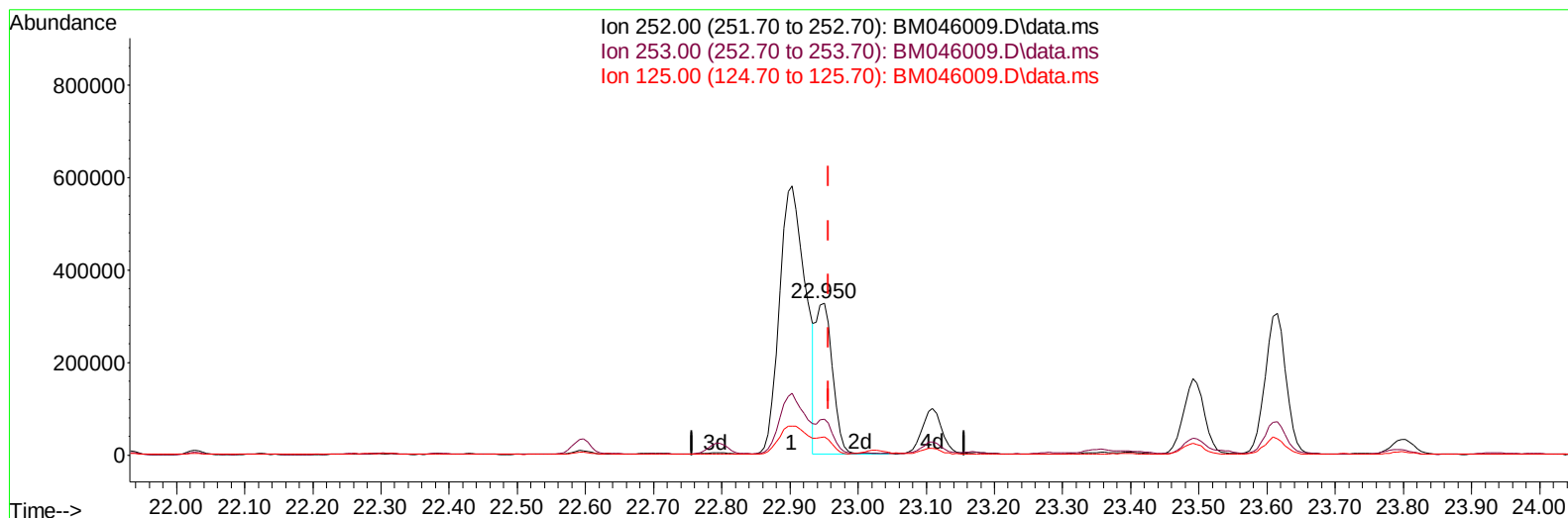
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(91) Benzo(k)fluoranthene

22.950min (-0.006) 15.23 ng/u l m

response 560500

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.39
125.00	10.30	11.74
0.00	0.00	0.00

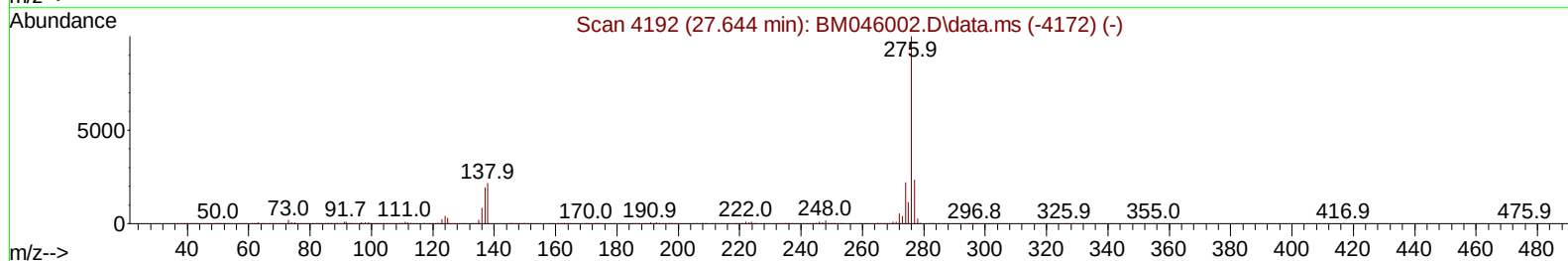
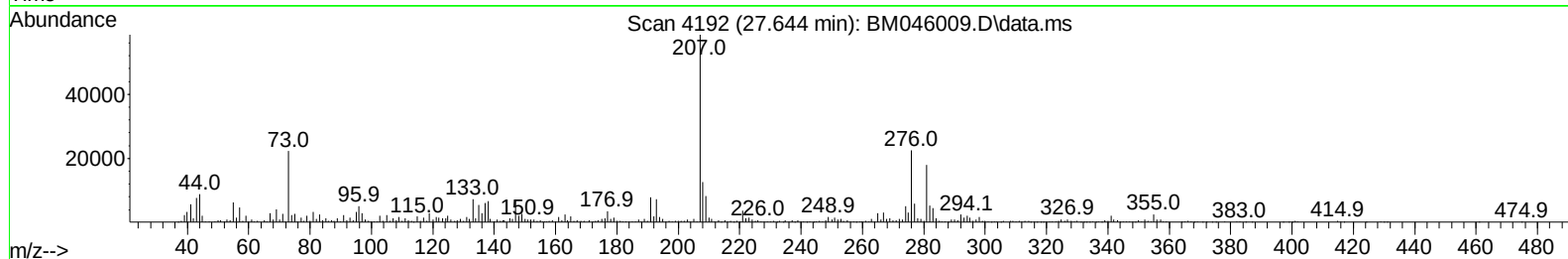
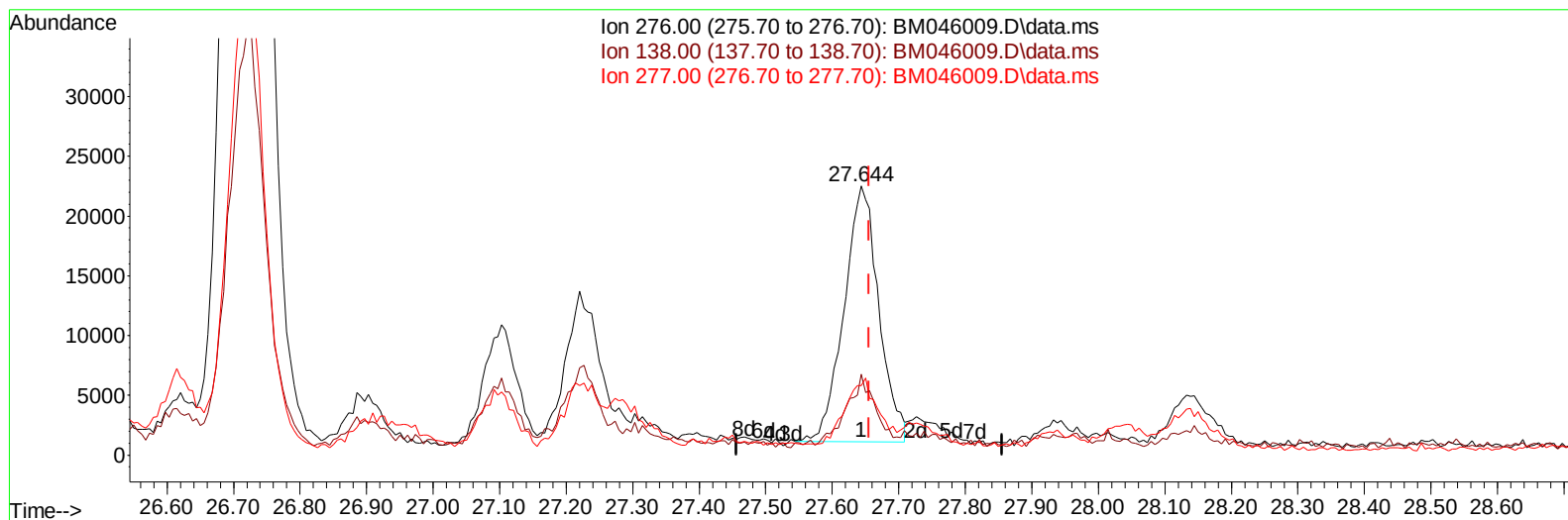
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Operator : MA/JU
Sample : P2659-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:10:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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TIC: BM046009.D\data.ms

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

27.644min (-0.012) 2.44 ng/u1

response 77720

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	35.55#
277.00	23.40	25.80
0.00	0.00	0.00

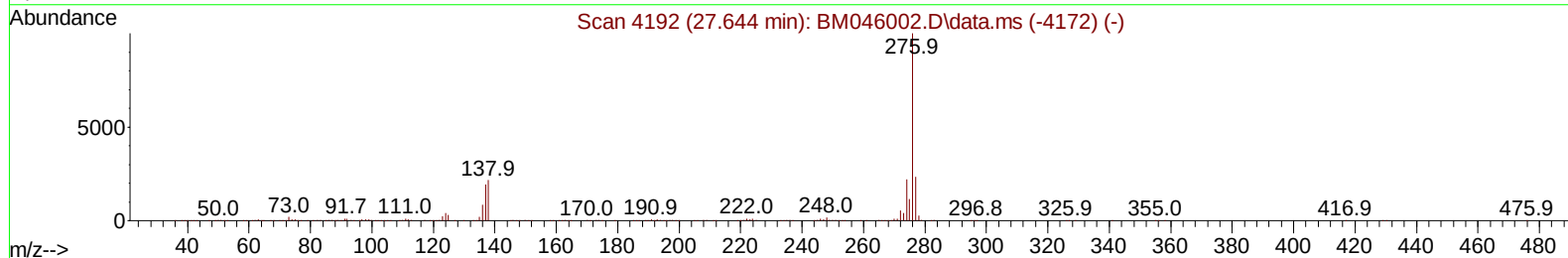
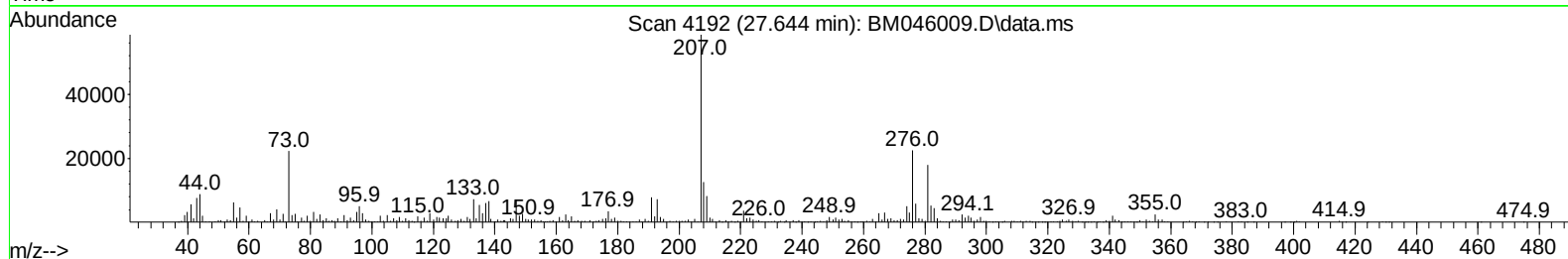
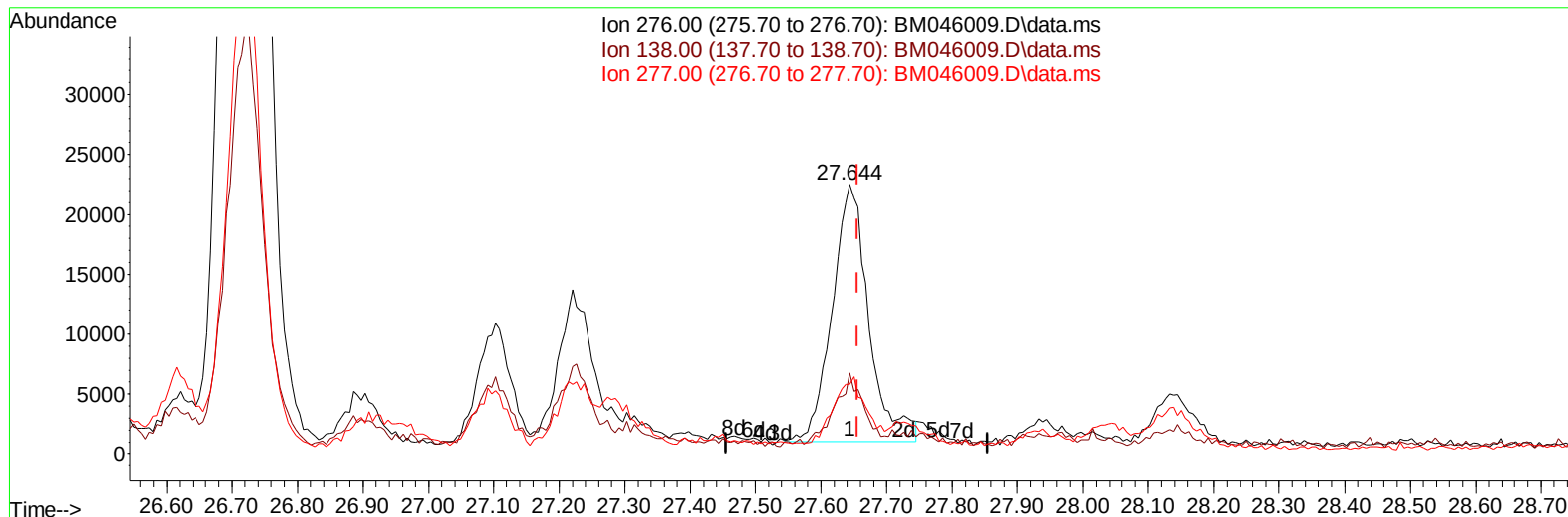
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ALS Vial : 9 Sample Multiplier: 1

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TIC: BM046009.D\data.ms

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

27.644min (-0.012) 2.60 ng/ul m

response 82779

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	30.16#
277.00	23.40	25.80
0.00	0.00	0.00

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Quant Time: Jun 13 04:36:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	142663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	602411	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	378697	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	787088	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	619963	20.000	ng/ul	0.00
88) Perylene-d12	23.738	264	613111	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	14993	4.075	ng/uL	0.00
4) Pyridine-d5	3.457	84	60992	6.437	ng/ul	0.00
7) Phenol-d5	6.692	99	356113	29.383	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	252096	28.967	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	282397	31.194	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113	235637	25.735	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128	143062	30.374	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	155730	32.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	269961	30.200	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131	123749	10.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166	810381	30.910	ng/ul	0.00
49) Acenaphthylene-d8	13.768	160	948279	31.148	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	123517	21.830	ng/ul	0.00
60) Fluorene-d10	15.080	176	696883	31.158	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	74385	18.507	ng/ul	0.00
73) Anthracene-d10	16.921	188	1088206	31.803	ng/ul	0.00
81) Pyrene-d10	19.227	212	1119918	29.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	658156	22.968	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.281	105	24714	1.620	ng/ul	91
30) Naphthalene	10.245	128	32170	1.001	ng/ul	98
36) 2-Methylnaphthalene	11.874	142	22769	1.070	ng/ul	90
50) Acenaphthylene	13.798	152	181479	5.151	ng/ul	97
52) Acenaphthene	14.145	153	25023	1.064	ng/ul	99
61) Fluorene	15.133	166	45502	1.781	ng/ul	99
72) Phenanthrene	16.868	178	1216329	29.328	ng/ul	99
74) Anthracene	16.957	178	241369	5.827	ng/ul	99
77) Carbazole	17.251	167	88900	2.515	ng/ul	98
80) Fluoranthene	18.892	202	3136008	67.095	ng/ul	100
82) Pyrene	19.256	202	2386498	49.696	ng/ul	98
83) Butylbenzylphthalate	20.180	149	93592	4.782	ng/ul	87
85) Benzo(a)anthracene	21.021	228	1214692	28.376	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.968	149	544094	18.712	ng/ul	98
87) Chrysene	21.080	228	1285372	32.459	ng/ul	98
90) Benzo(b)fluoranthene	22.903	252	1535105	40.742	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	560500m	15.230	ng/ul	
93) Benzo(a)pyrene	23.615	252	647352	19.552	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.721	276	581748	16.089	ng/ul	99
95) Dibenzo(a,h)anthracene	26.750	278	181567	6.349	ng/ul#	92
96) Benzo(g,h,i)perylene	27.644	276	82779m	2.599	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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