

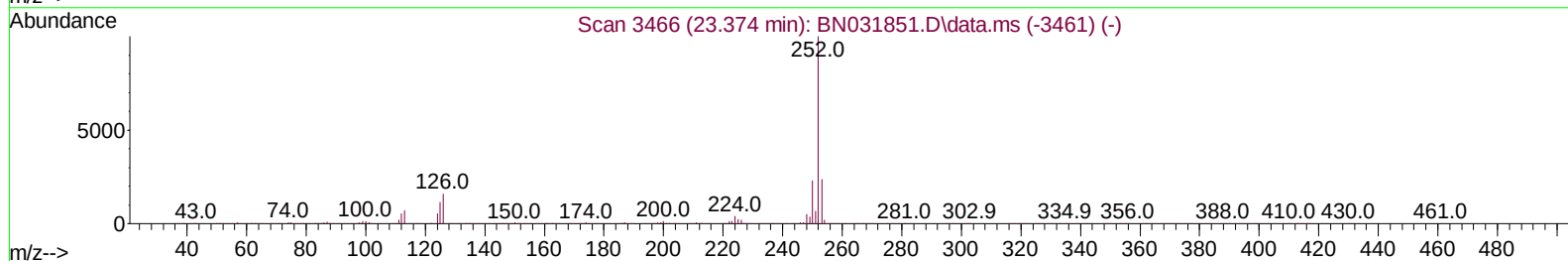
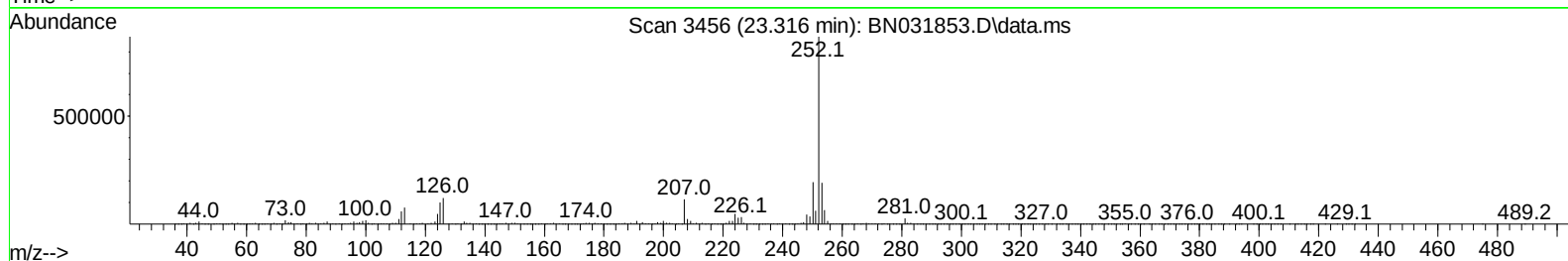
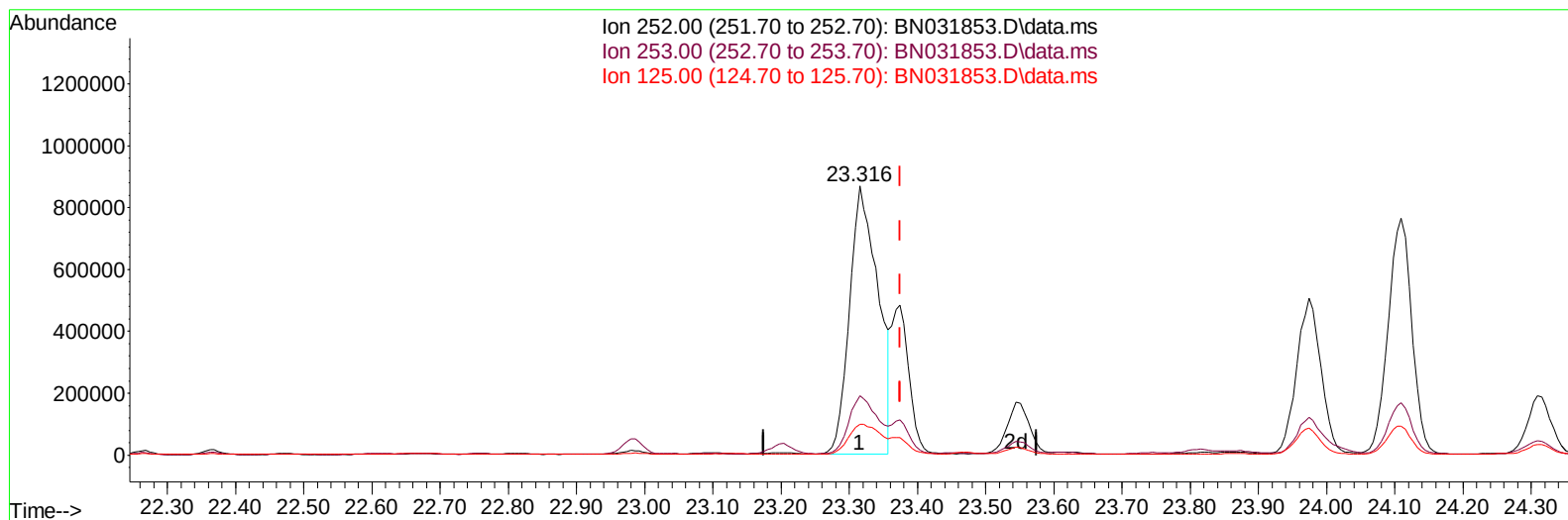
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031853.D
Acq On : 08 Jun 2024 11:16
Operator : MA/JU
Sample : P2634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBW8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 01:40:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration



TIC: BN031853.D\data.ms

(91) Benzo(k)fluoranthene

23.316min (-0.059) 21.92 ng/u1

response 2529601

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.00
125.00	11.80	11.43
0.00	0.00	0.00

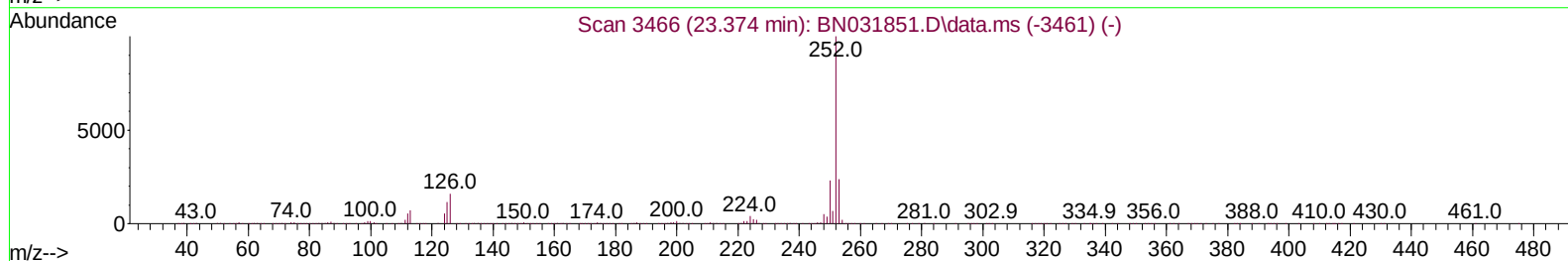
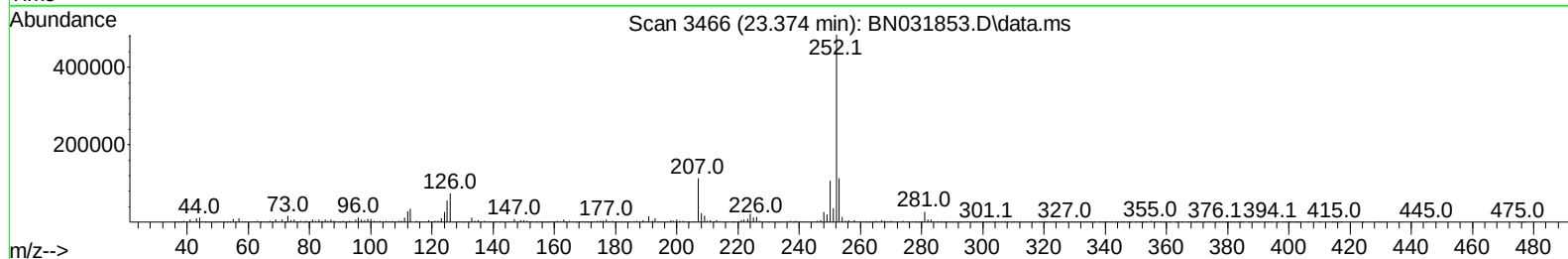
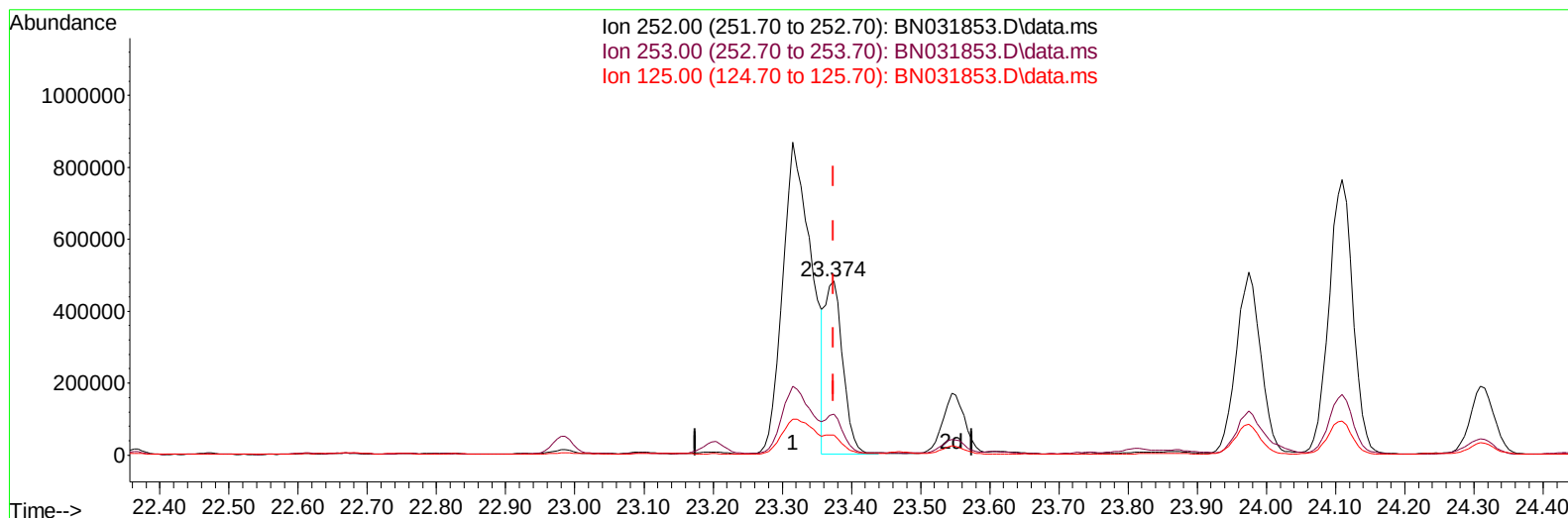
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TIC: BN031853.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 7.39 ng/u1 m

response 852902

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.34
125.00	11.80	11.51
0.00	0.00	0.00

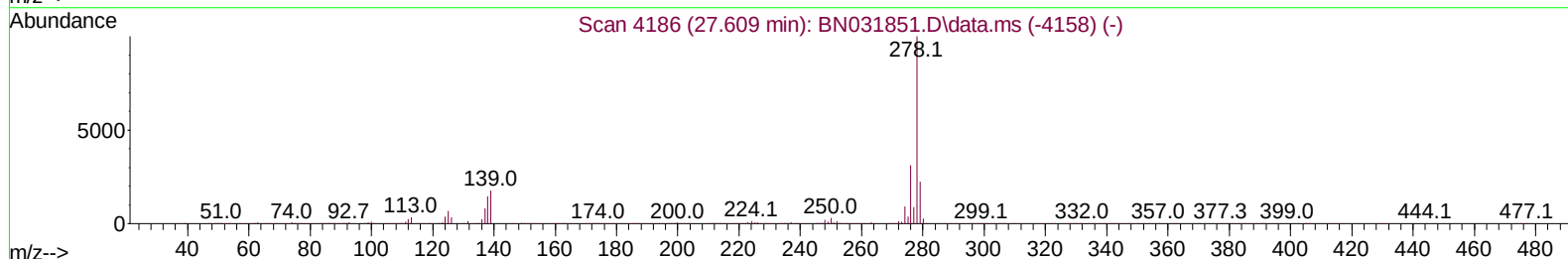
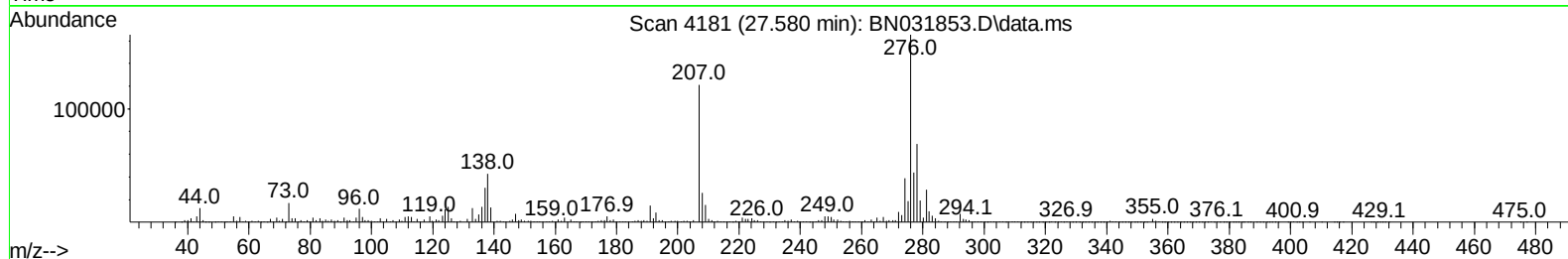
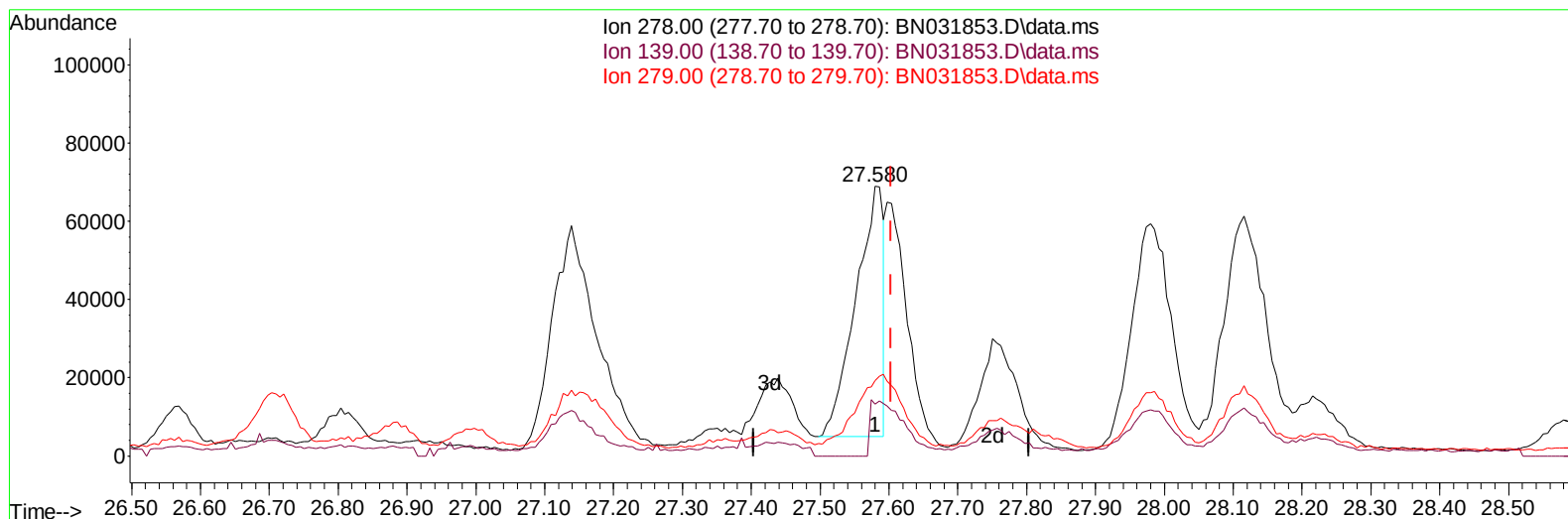
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Sample : P2634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN031853.D\data.ms

(95) Dibenzo(a,h)anthracene

27.580min (-0.024) 1.72 ng/u1

response 178490

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.14
279.00	21.70	28.02#
0.00	0.00	0.00

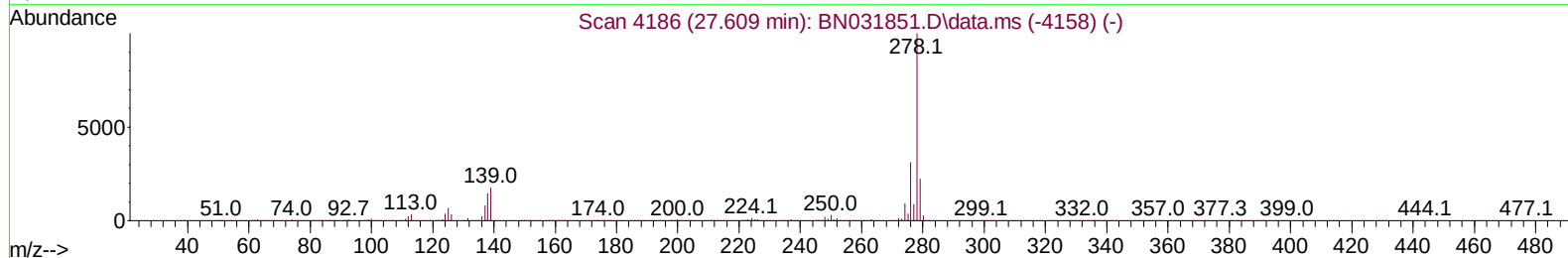
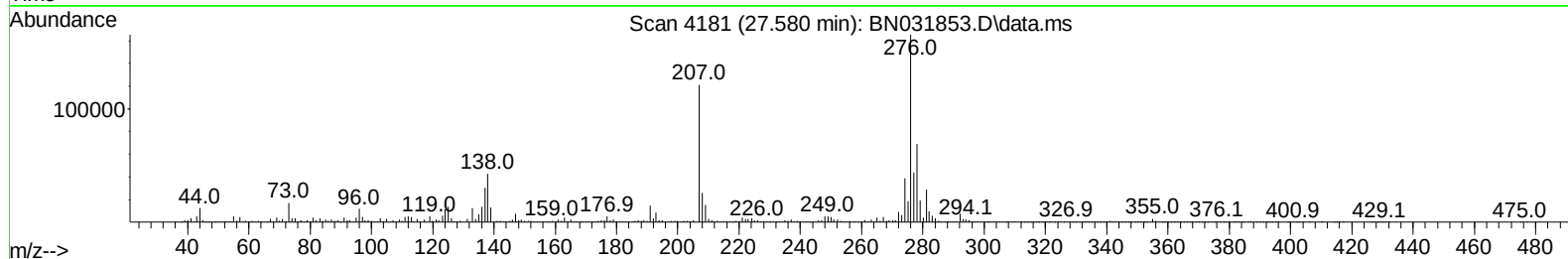
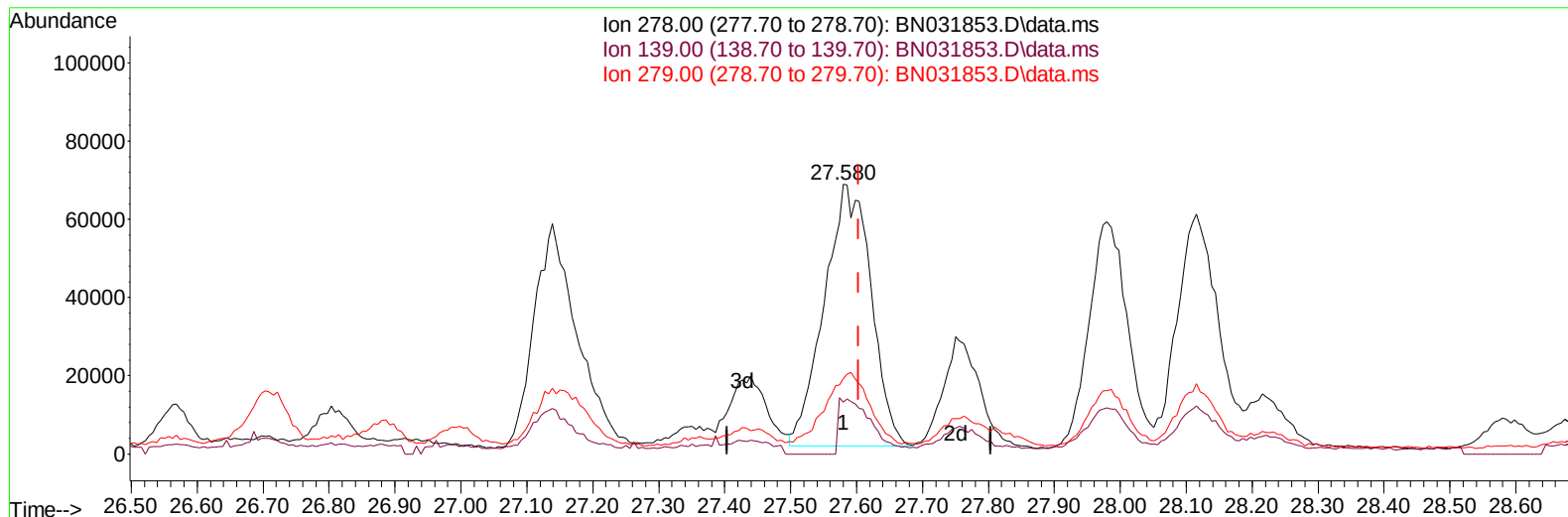
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Supervised By :mohammad ahmed 06/10/2024



TIC: BN031853.D\data.ms

(95) Dibenzo(a,h)anthracene

27.580min (-0.024) 3.18 ng/ul m

response 329645

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.14
279.00	21.70	28.02#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 02:09:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152		457735	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136		2016396	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164		1221426	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188		2521806	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240		1780379	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264		1967948	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96		53248	4.813	ng/uL	-0.01
4) Pyridine-d5	3.587	84		690271	22.163	ng/ul	-0.01
7) Phenol-d5	6.846	99		1147189	29.235	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67		629738	27.436	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132		937707	31.318	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113		892882	27.914	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128		472842	30.669	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.540	143		523387	32.864	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.081	165		875143	29.434	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131		1012999	22.947	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166		2437918	28.650	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160		2916191	29.805	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.534	143		443317	26.020	ng/ul	0.00
60) Fluorene-d10	15.310	176		2144262	29.782	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200		248538	19.607	ng/ul	0.00
73) Anthracene-d10	17.163	188		3231852	29.934	ng/ul	0.00
81) Pyrene-d10	19.463	212		3460395	36.321	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264		2711848	28.859	ng/ul	0.00
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.034	152		436530	3.948	ng/ul	97
61) Fluorene	15.363	166		86171	1.077	ng/ul	96
72) Phenanthrene	17.104	178		2095155	16.309	ng/ul	99
74) Anthracene	17.198	178		445221	3.420	ng/ul	99
77) Carbazole	17.469	167		173683	1.565	ng/ul	98
80) Fluoranthene	19.128	202		4356449	38.262	ng/ul	98
82) Pyrene	19.492	202		4267024	36.527	ng/ul	97
83) Butylbenzylphthalate	20.398	149		82730	1.499	ng/ul	95
85) Benzo(a)anthracene	21.286	228		2033779	17.066	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149		402598	5.006	ng/ul	99
87) Chrysene	21.345	228		2147801	19.295	ng/ul	95
90) Benzo(b)fluoranthene	23.316	252		2529601	21.505	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252		852902m	7.389	ng/ul	
93) Benzo(a)pyrene	24.110	252		1837434	16.678	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.556	276		1270808	10.010	ng/ul	96
95) Dibenzo(a,h)anthracene	27.580	278		329645m	3.180	ng/ul	
96) Benzo(g,h,i)perylene	28.586	276		1223381	12.122	ng/ul	95

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

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