

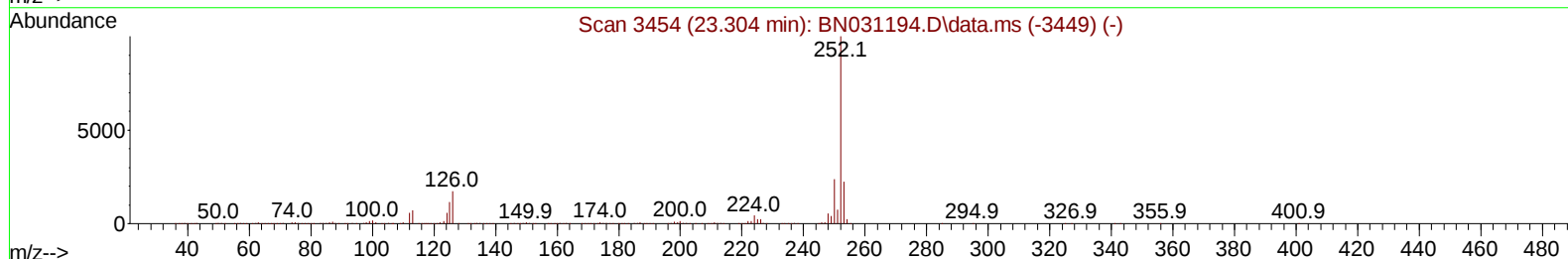
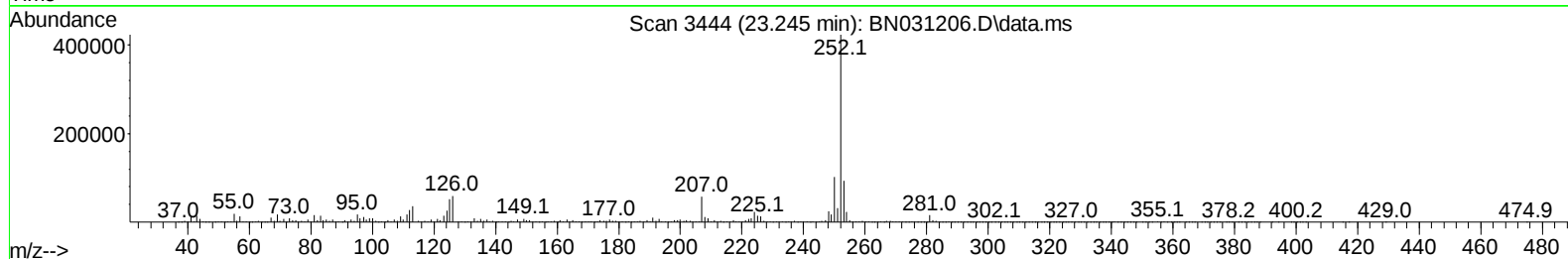
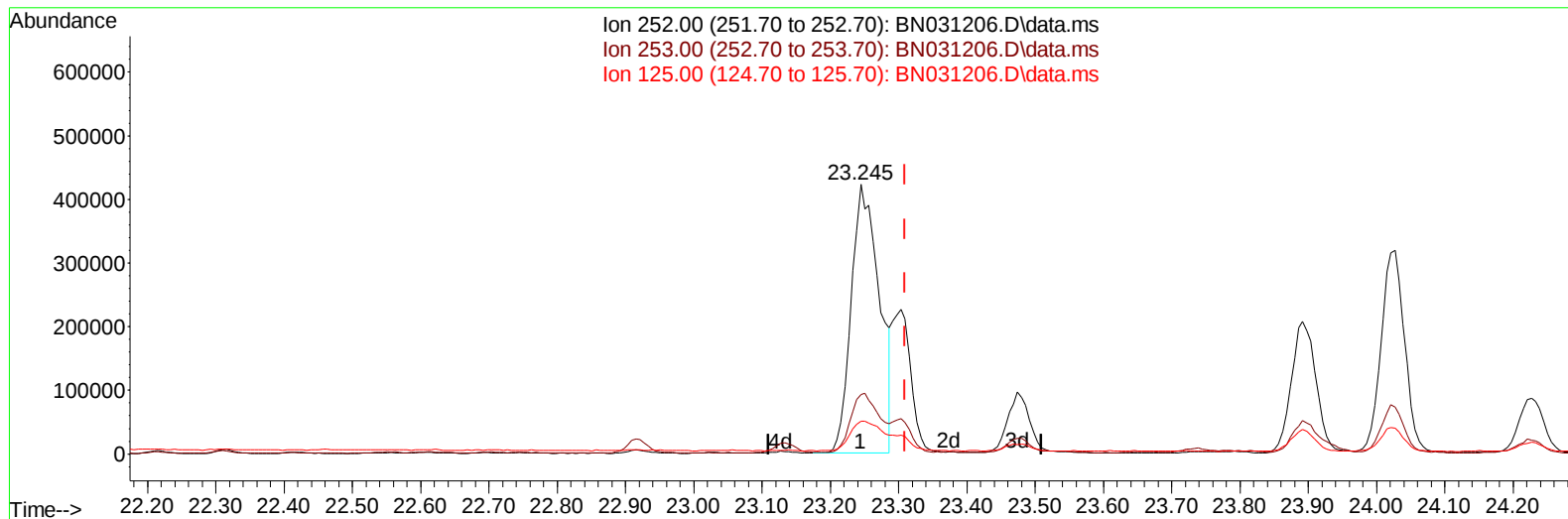
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031206.D
Acq On : 25 Apr 2024 02:48
Operator : MA/JU
Sample : P2104-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAL8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 03:22:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BN031206.D\data.ms

(91) Benzo(k)fluoranthene

23.245min (-0.065) 15.47 ng/u1

response 1211851

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.18
125.00	11.80	12.11
0.00	0.00	0.00

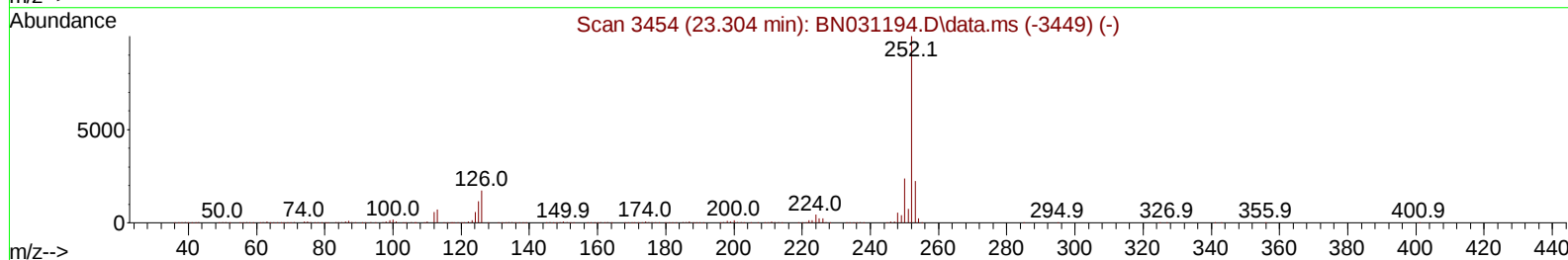
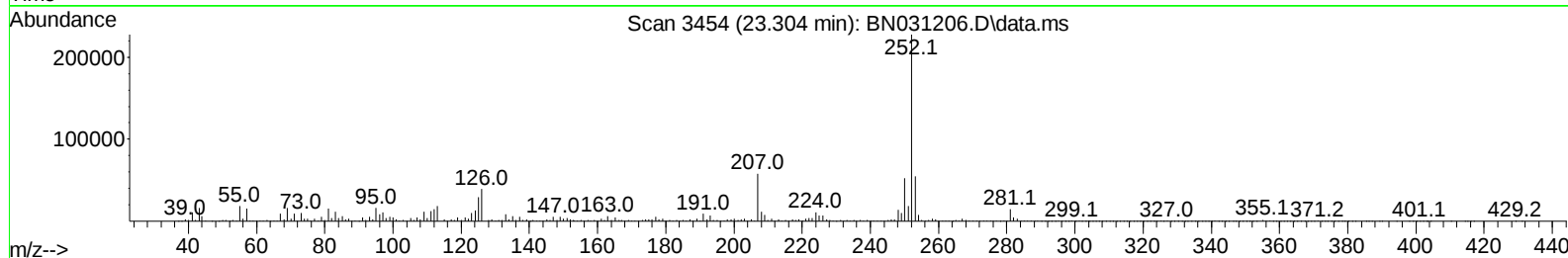
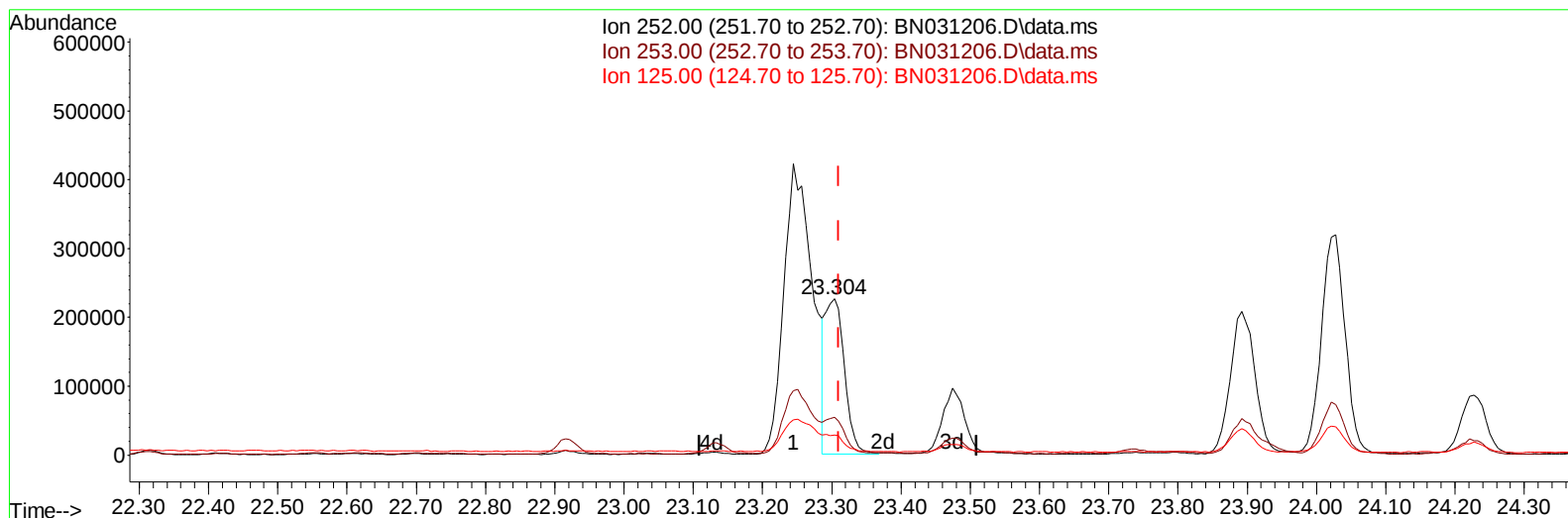
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031206.D
Acq On : 25 Apr 2024 02:48
Operator : MA/JU
Sample : P2104-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN031206.D\data.ms

(91) Benzo(k)fluoranthene

23.304min (-0.006) 5.41 ng/u1 m

response 423951

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	24.19
125.00	11.80	12.98
0.00	0.00	0.00

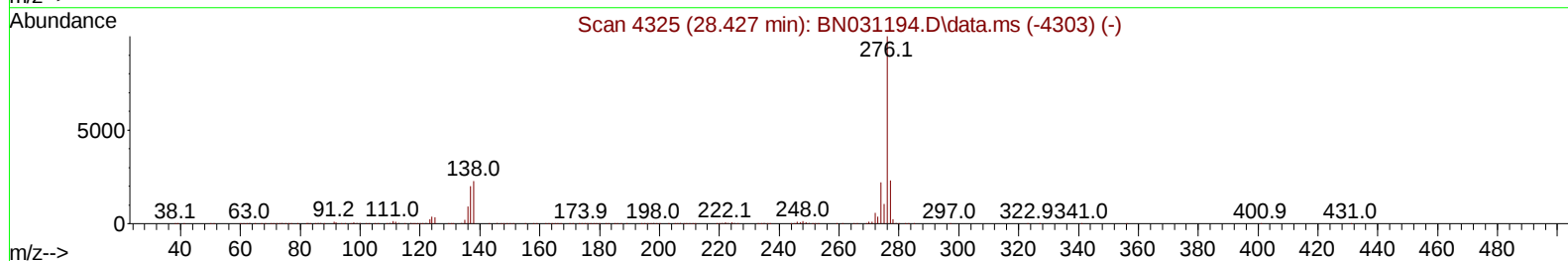
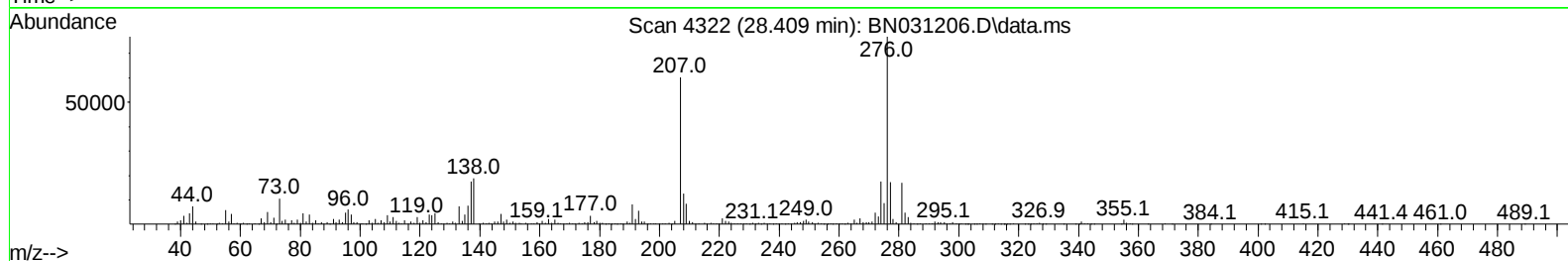
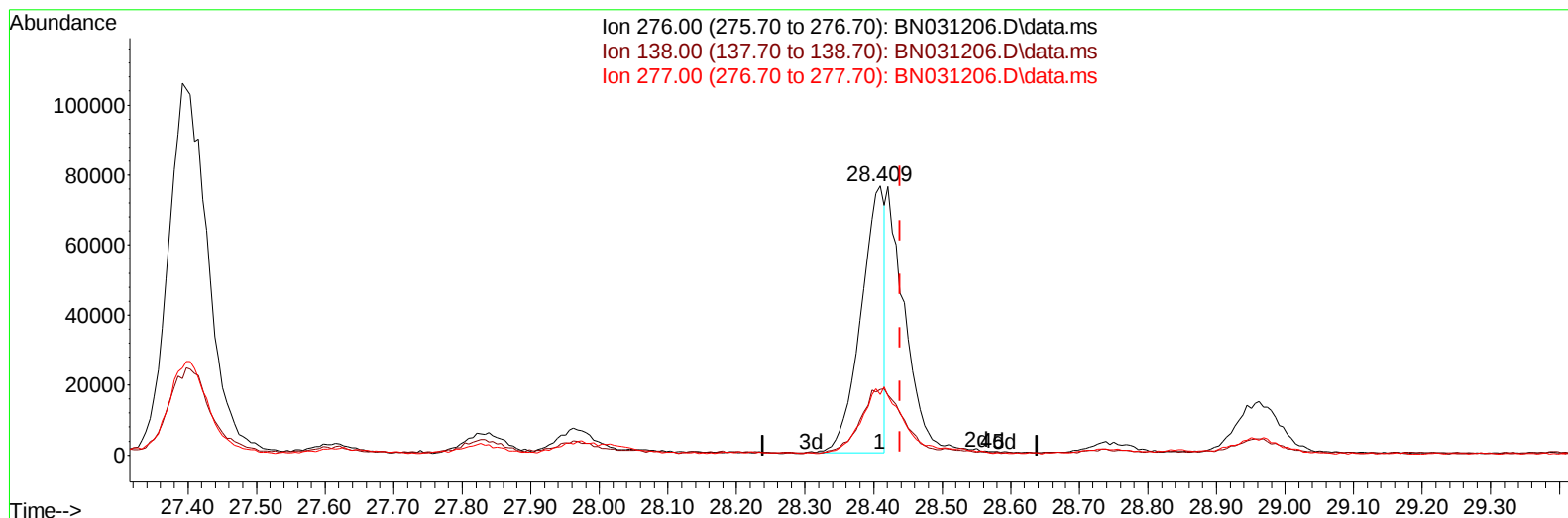
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031206.D
 Acq On : 25 Apr 2024 02:48
 Operator : MA/JU
 Sample : P2104-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAL8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 03:22:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BN031206.D\data.ms

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

28.409min (-0.030) 2.36 ng/u1

response 183001

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.80	24.44
277.00	24.10	22.52
0.00	0.00	0.00

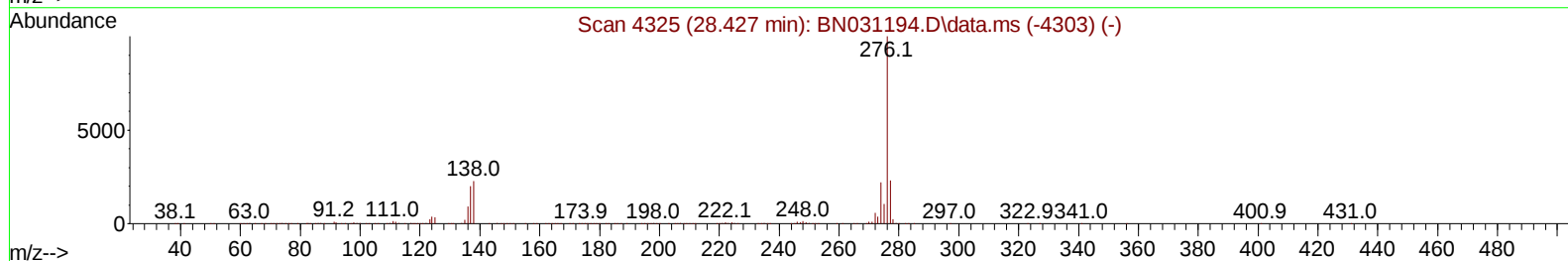
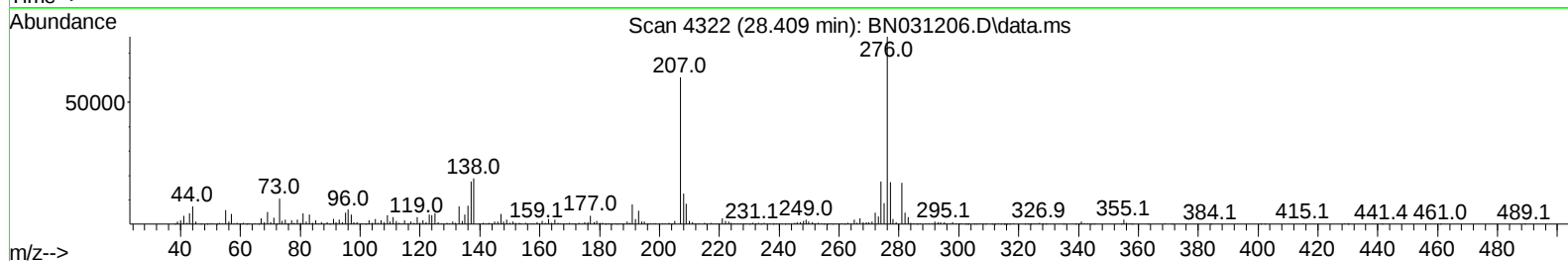
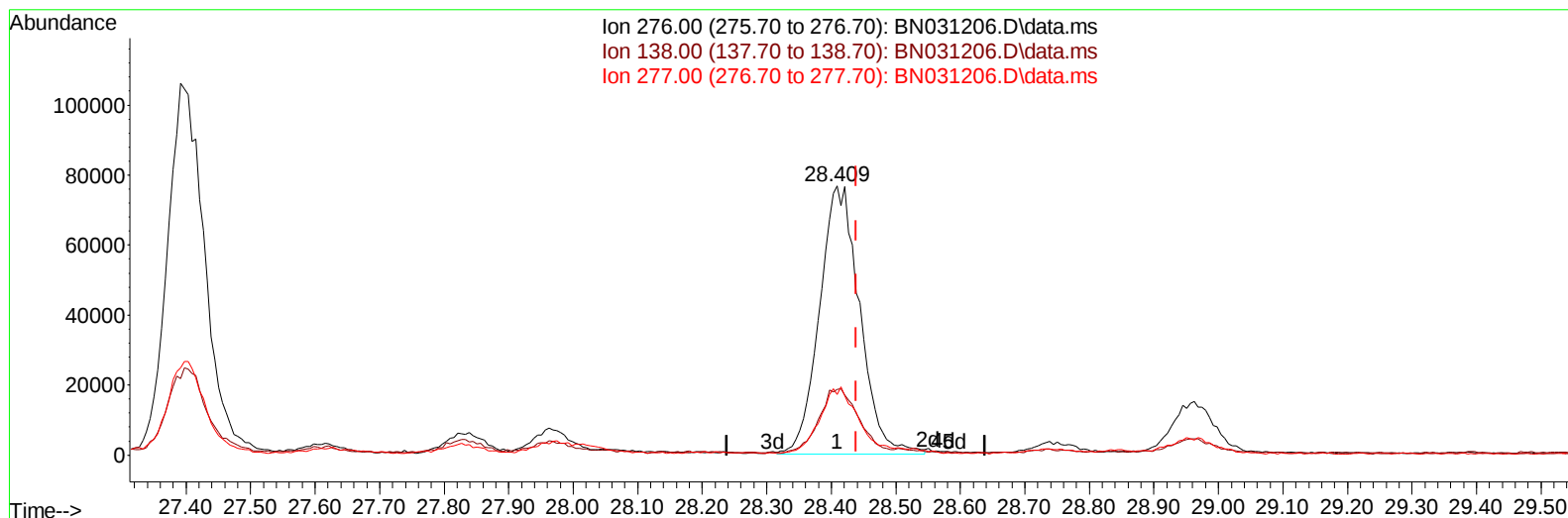
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031206.D
Acq On : 25 Apr 2024 02:48
Operator : MA/JU
Sample : P2104-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAL8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 03:22:39 2024
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Supervised By :mohammad ahmed 04/27/2024



TIC: BN031206.D\data.ms

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

28.409min (-0.030) 4.26 ng/u1 m

response 330923

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.80	24.44
277.00	24.10	22.52
0.00	0.00	0.00

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 Sample : P2104-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAL8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 03:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	175838	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.404	136	808922	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.275	164	541882	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1149130	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1224901	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1384086	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	11528	3.063	ng/uL	0.00
4) Pyridine-d5	3.552	84	154895	14.291	ng/ul	0.00
7) Phenol-d5	6.805	99	297614	20.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	171096	19.826	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.158	132	244561	21.175	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	243789	19.543	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	121136	20.842	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.499	143	127007	21.023	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	247607	20.783	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	321303	17.258	ng/ul	-0.01
46) Dimethylphthalate-d6	13.692	166	798996	21.189	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	945567	22.129	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	124193	15.780	ng/ul	0.00
60) Fluorene-d10	15.269	176	738672	22.502	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	78184	13.486	ng/ul	0.00
73) Anthracene-d10	17.122	188	1122053	22.528	ng/ul	-0.01
81) Pyrene-d10	19.427	212	1404353	23.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1563385	23.820	ng/ul	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	13.992	152	128404	2.572	ng/ul	98
56) Dibenzofuran	14.675	168	52538	1.148	ng/ul	94
61) Fluorene	15.328	166	83367	2.214	ng/ul	91
72) Phenanthrene	17.069	178	911300	14.993	ng/ul	99
74) Anthracene	17.157	178	279618	4.546	ng/ul	96
80) Fluoranthene	19.092	202	1361677	19.115	ng/ul	99
82) Pyrene	19.457	202	1231427	16.452	ng/ul	99
85) Benzo(a)anthracene	21.245	228	1005879	12.093	ng/ul	98
87) Chrysene	21.304	228	1036465	13.127	ng/ul	97
90) Benzo(b)fluoranthene	23.245	252	1211851	15.561	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	423951m	5.413	ng/ul	
93) Benzo(a)pyrene	24.027	252	758885	9.768	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	417999	4.336	ng/ul	98
95) Dibenzo(a,h)anthracene	27.439	278	115985	1.466	ng/ul#	88
96) Benzo(g,h,i)perylene	28.409	276	330923m	4.263	ng/ul	

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

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