

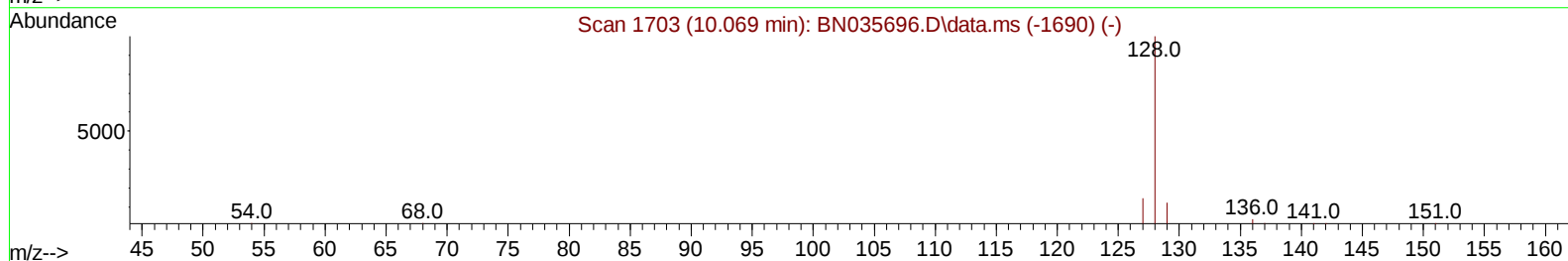
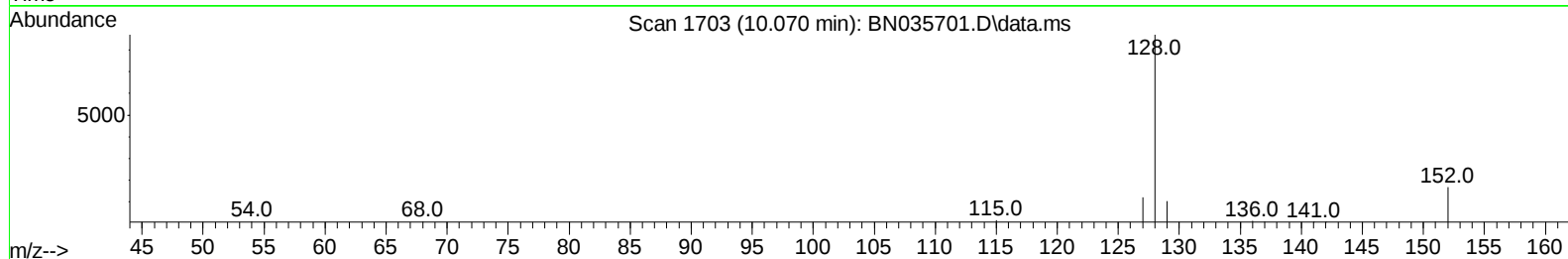
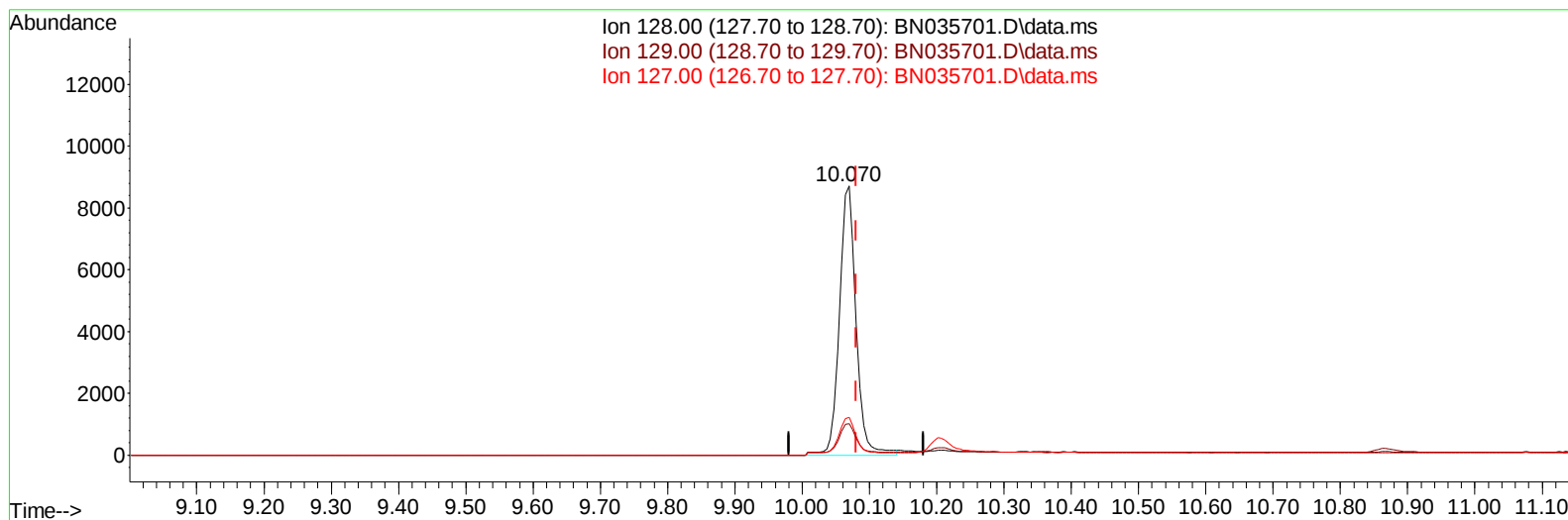
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
Acq On : 19 Dec 2024 12:05
Operator : RC/JU
Sample : P5258-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035701.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.69 ng/u1

response 14783

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	11.74
127.00	15.00	13.99
0.00	0.00	0.00

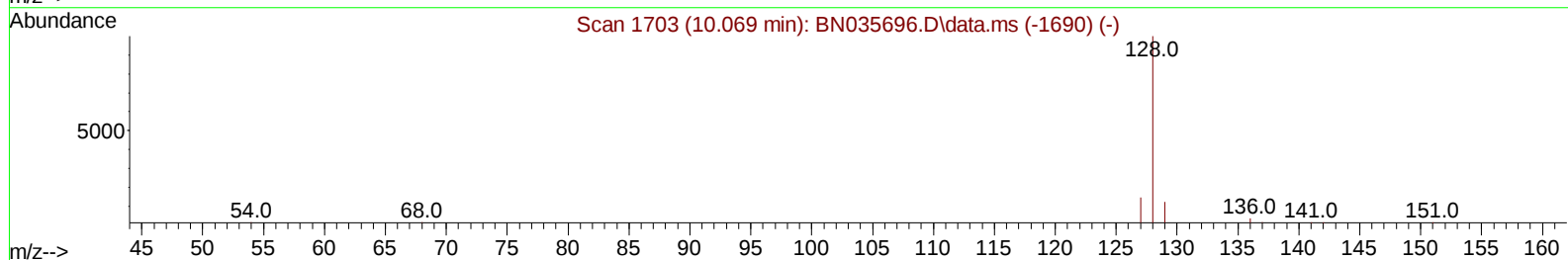
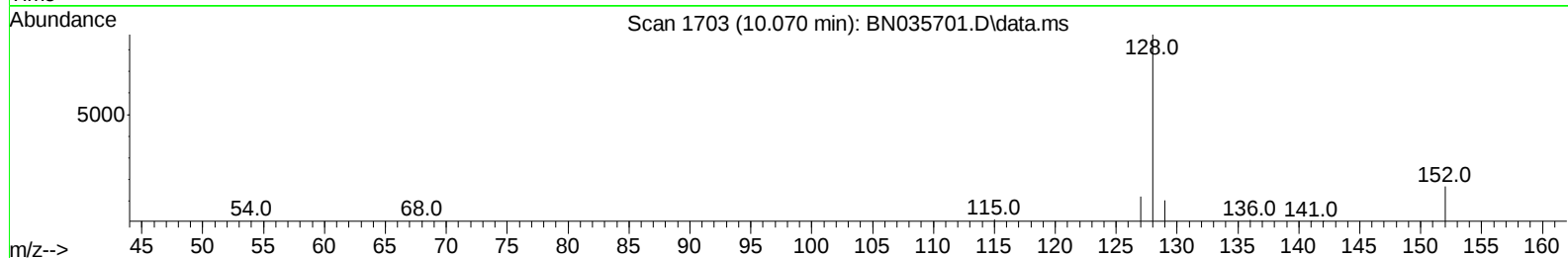
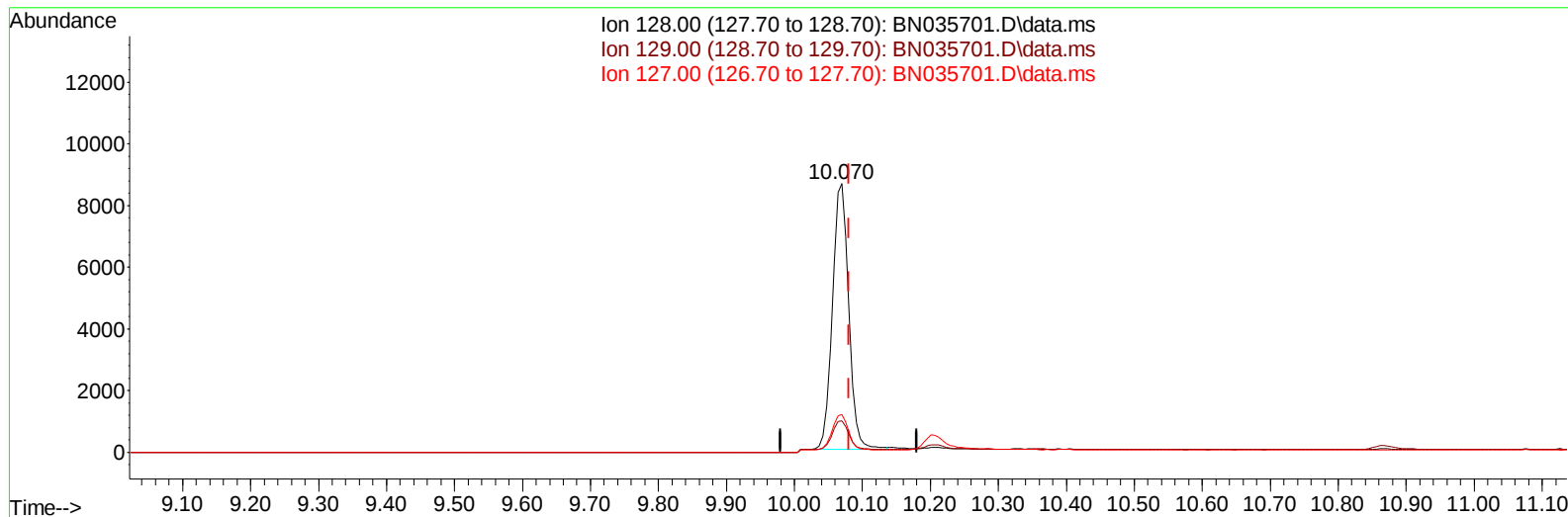
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TIC: BN035701.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.67 ng/ul m

response 14284

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	11.74
127.00	15.00	13.99
0.00	0.00	0.00

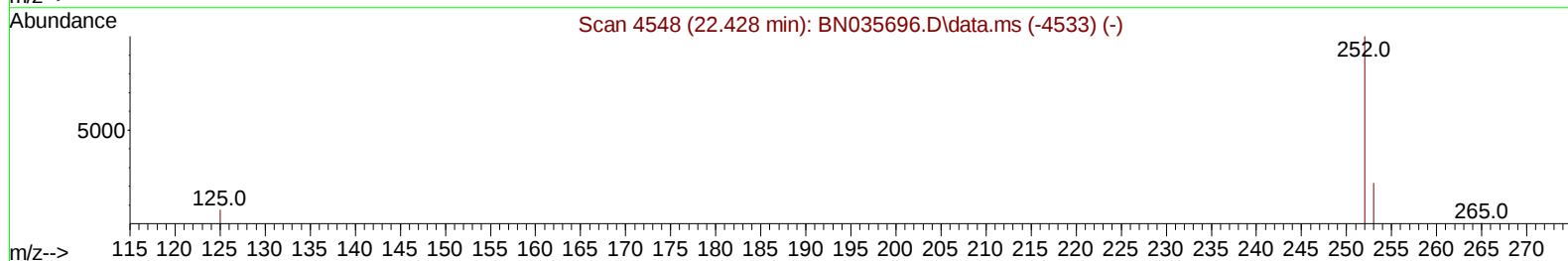
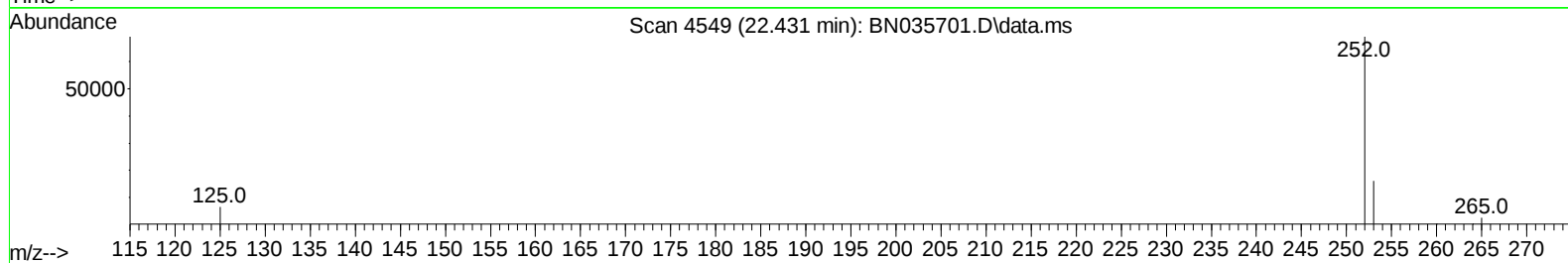
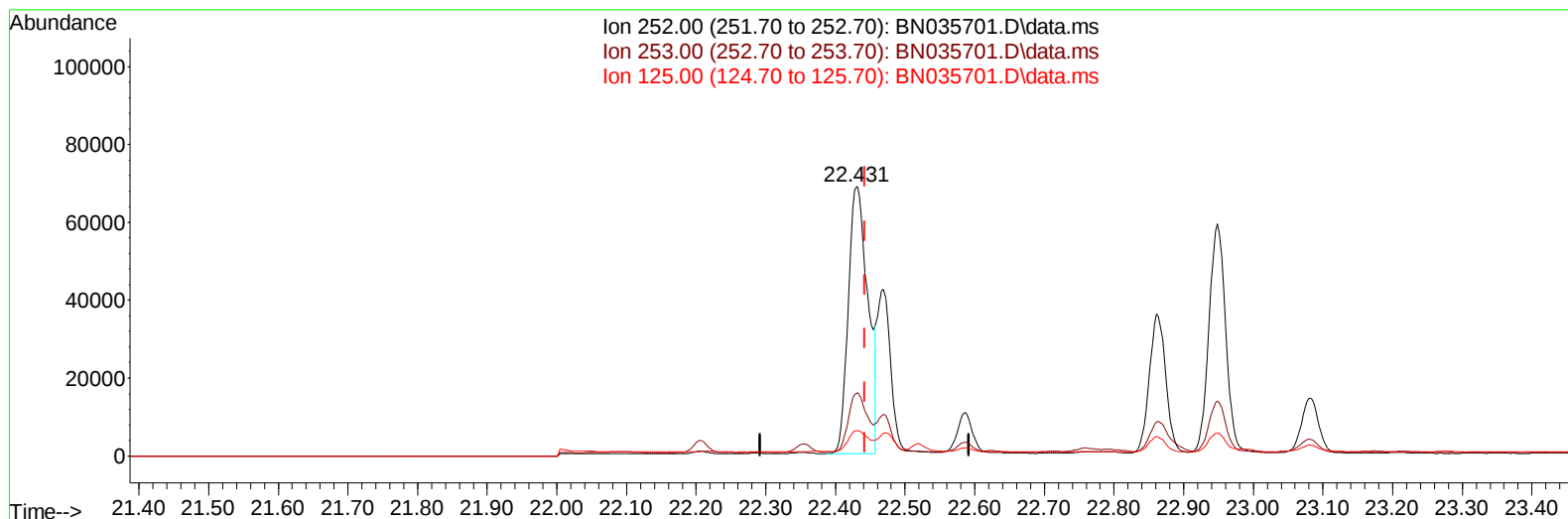
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TIC: BN035701.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 3.66 ng/u1

response 135863

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.44
125.00	18.80	9.45
0.00	0.00	0.00

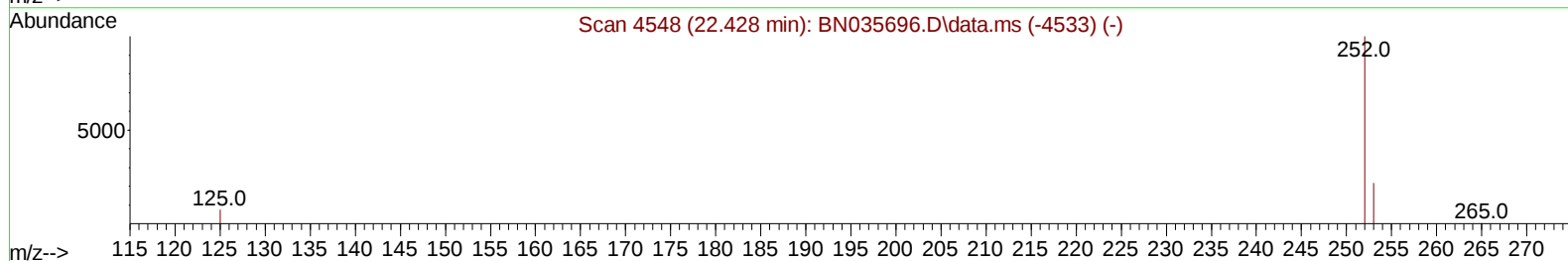
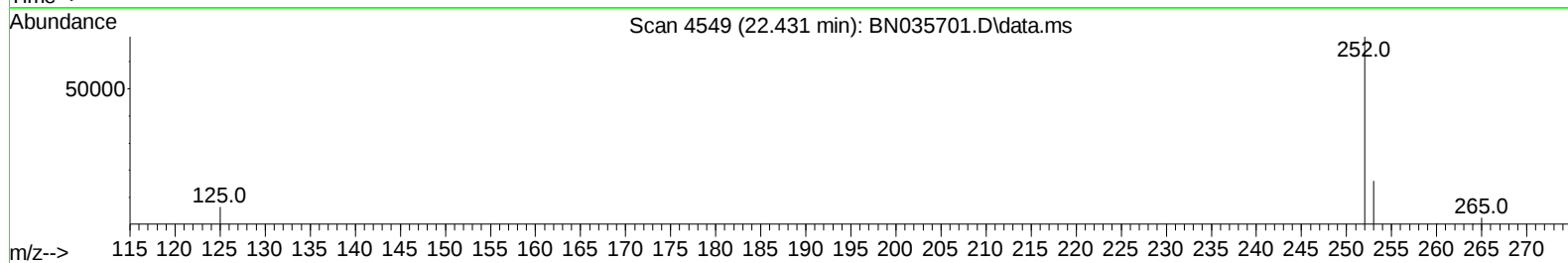
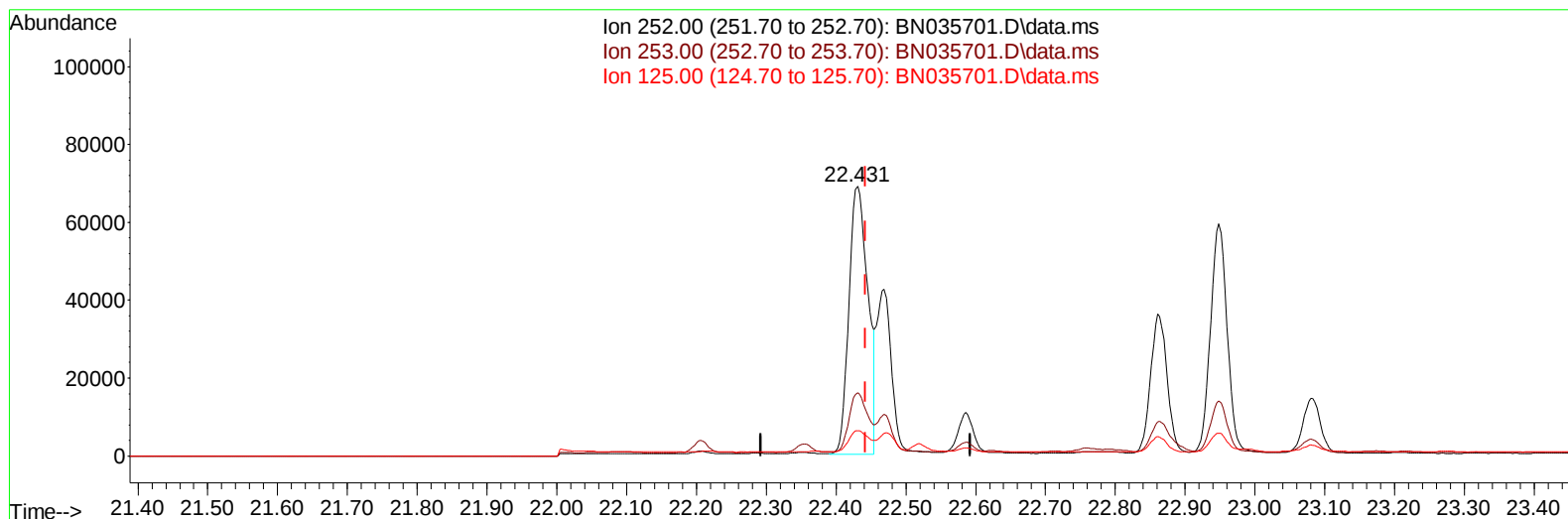
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
Acq On : 19 Dec 2024 12:05
Operator : RC/JU
Sample : P5258-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MSD

Manual IntegrationsAPPROVED

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TIC: BN035701.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 3.52 ng/u1 m

response 130497

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.44
125.00	18.80	9.45
0.00	0.00	0.00

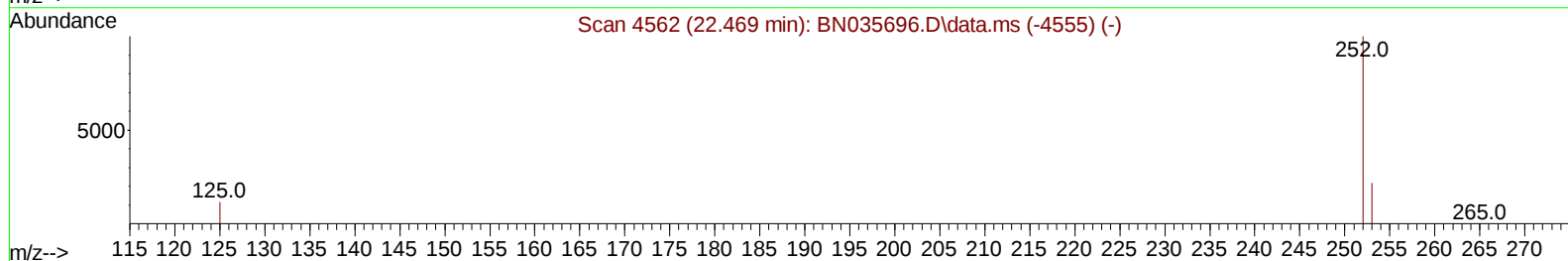
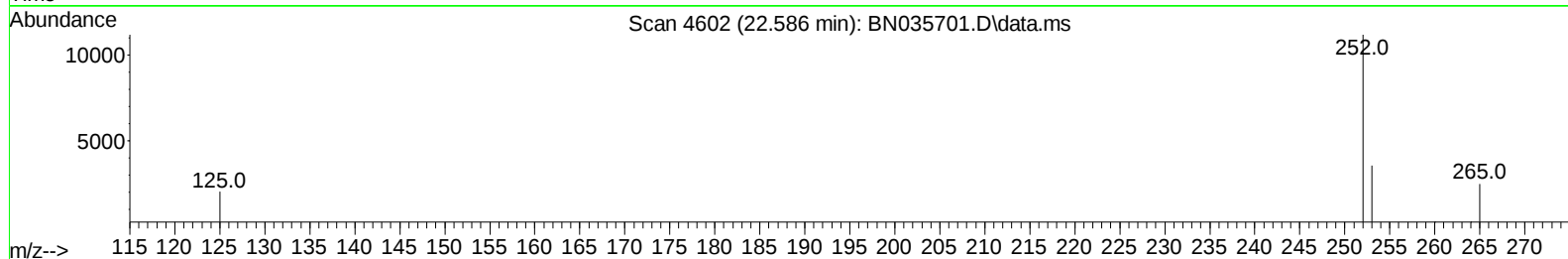
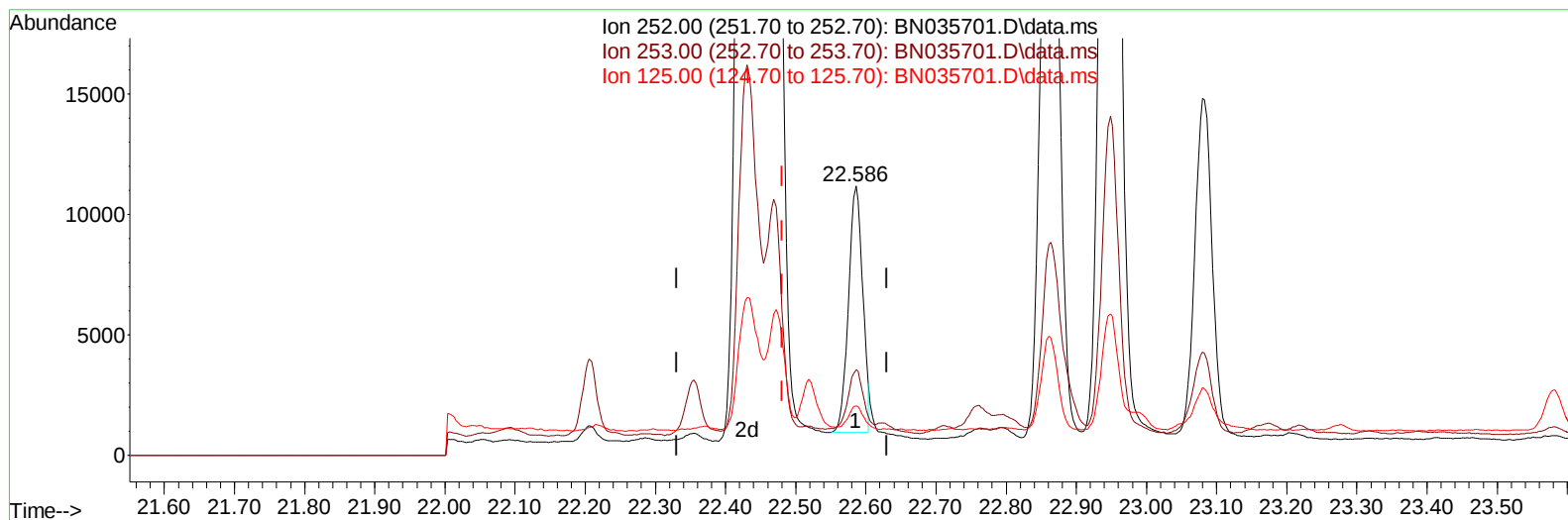
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
Acq On : 19 Dec 2024 12:05
Operator : RC/JU
Sample : P5258-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035701.D\data.ms

(25) Benzo(k)fluoranthene

22.586min (+ 0.105) 0.35 ng/u1

response 14422

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	31.65
125.00	19.10	18.19
0.00	0.00	0.00

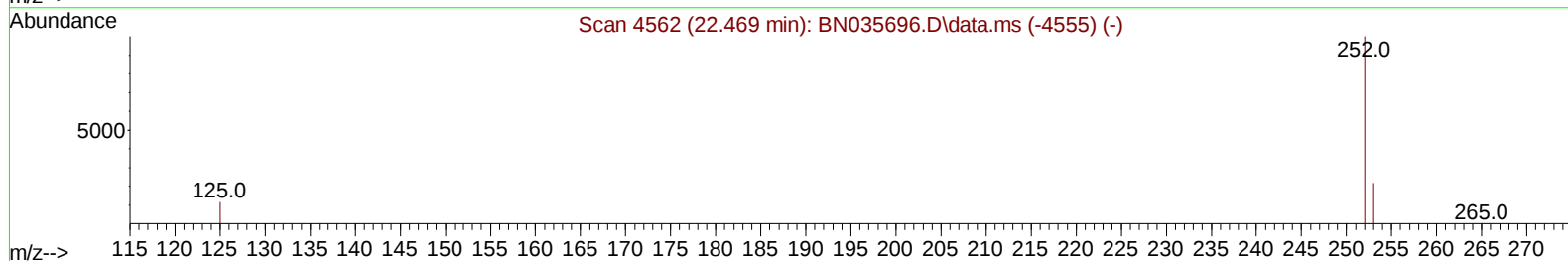
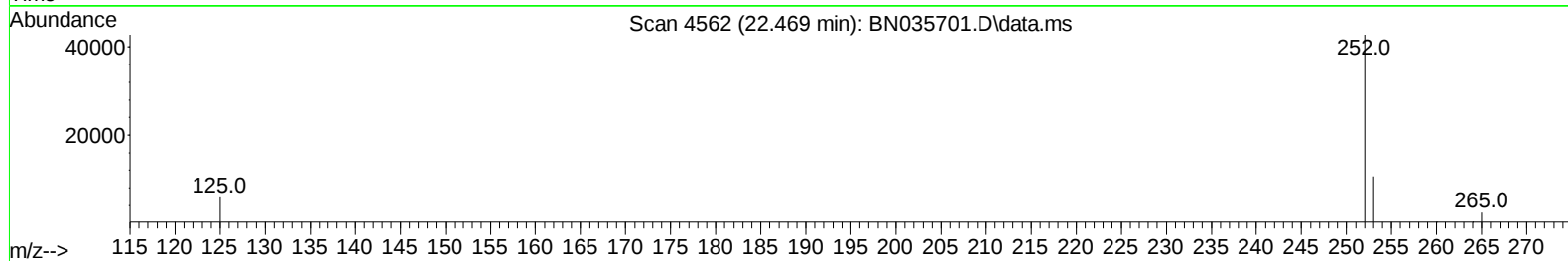
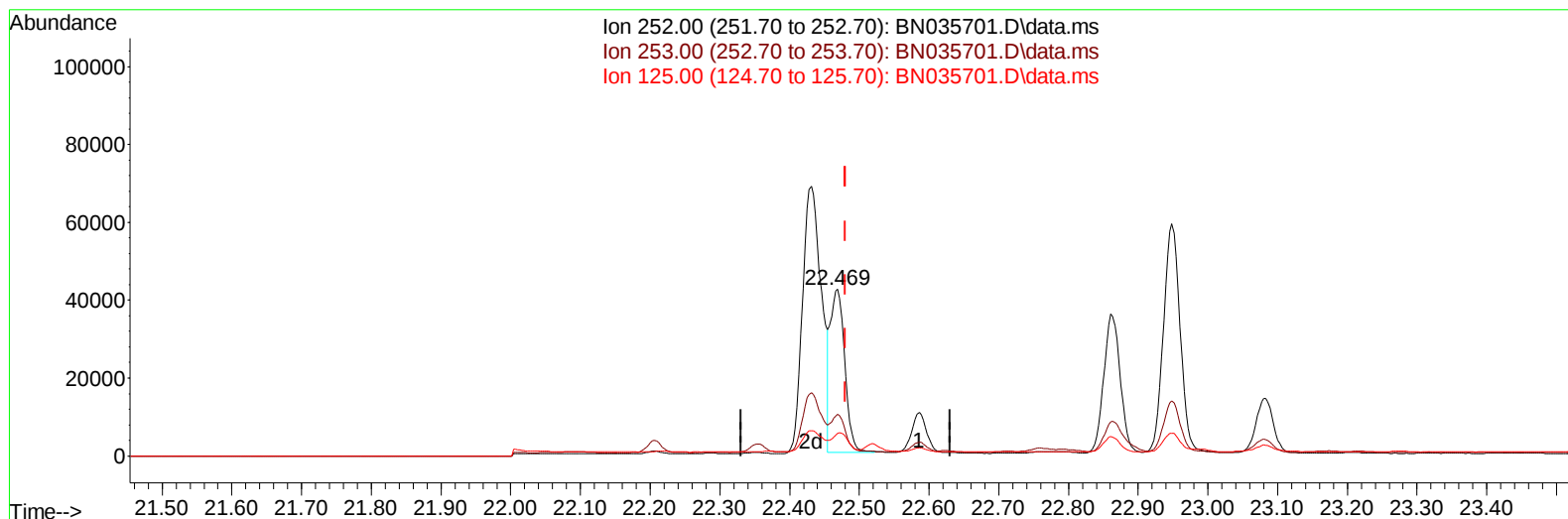
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
Acq On : 19 Dec 2024 12:05
Operator : RC/JU
Sample : P5258-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035701.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 1.47 ng/u1 m

response 60556

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.86
125.00	19.10	13.72#
0.00	0.00	0.00

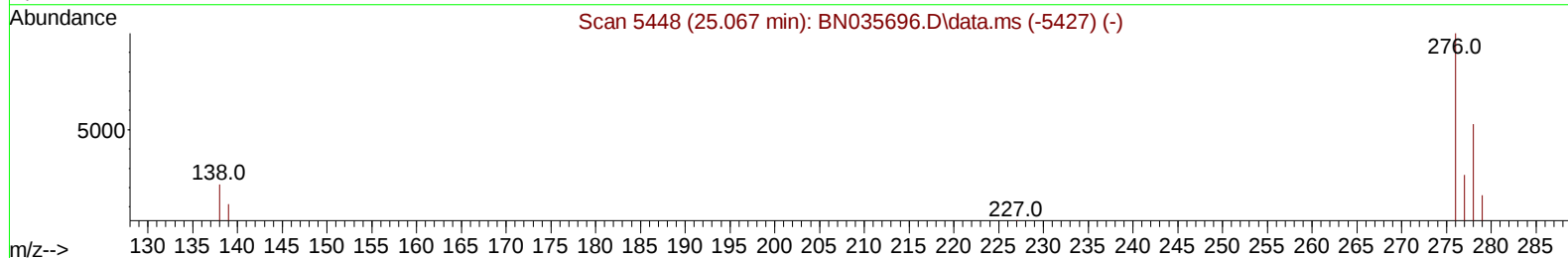
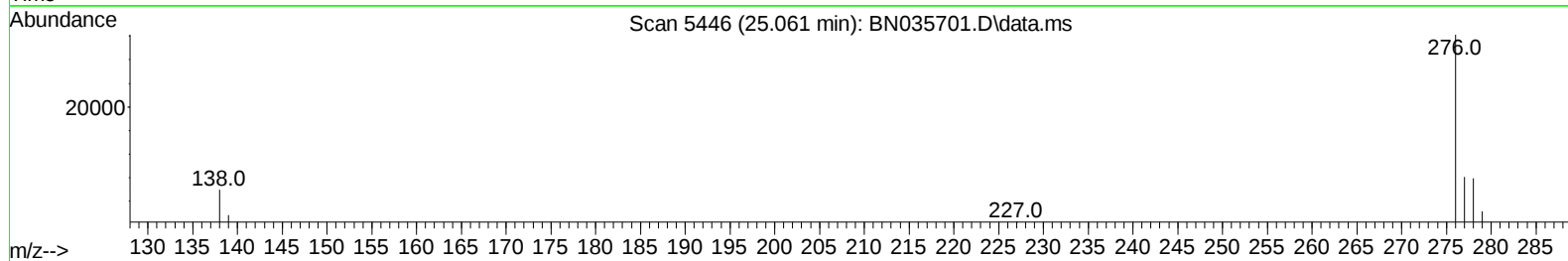
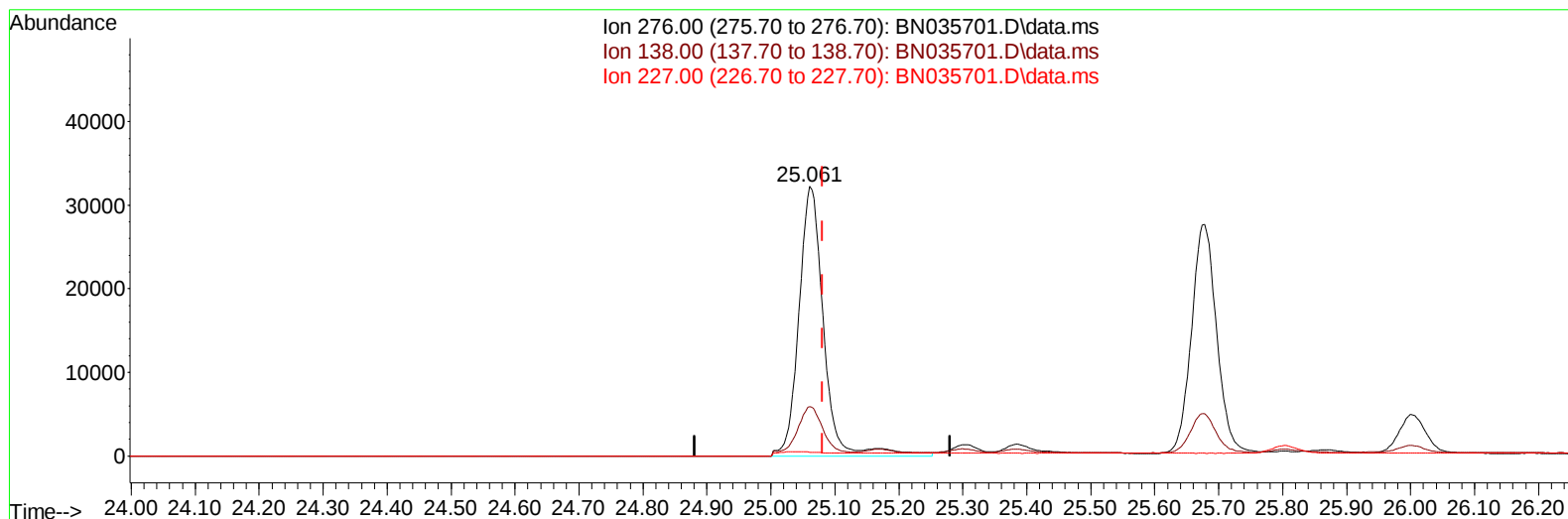
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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TIC: BN035701.D\data.ms

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

25.061min (-0.020) 1.97 ng/u1

response 86383

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	20.67
227.00	27.00	0.00#
0.00	0.00	0.00

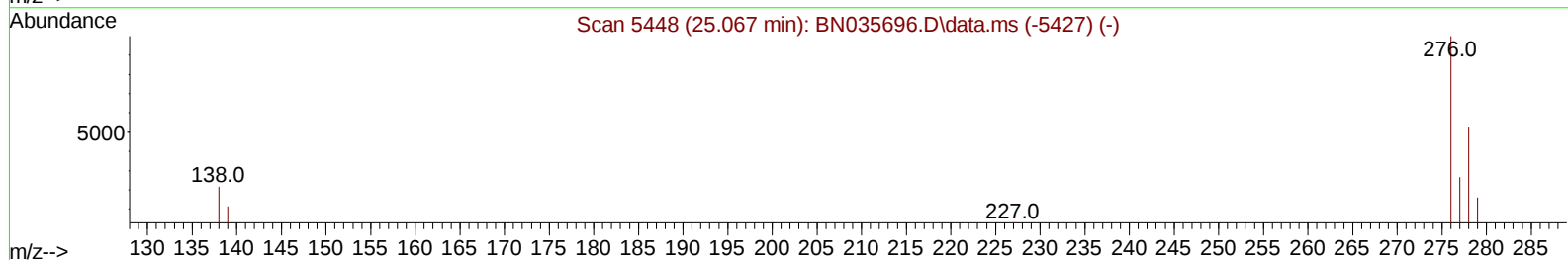
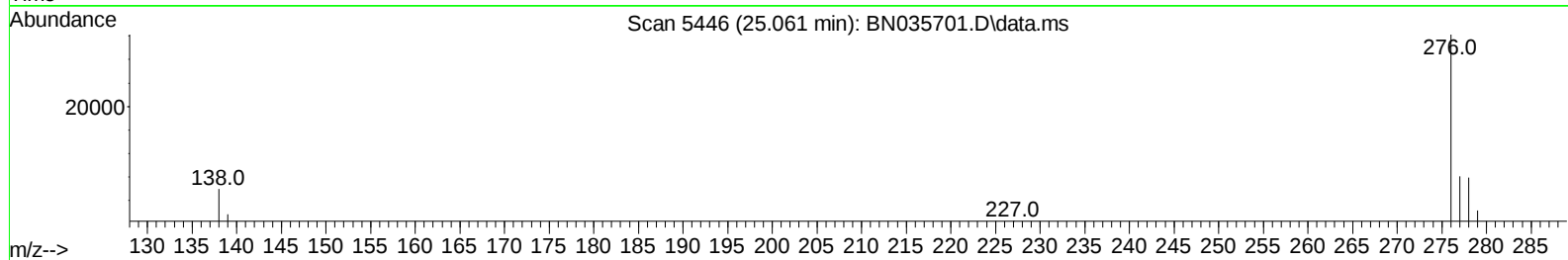
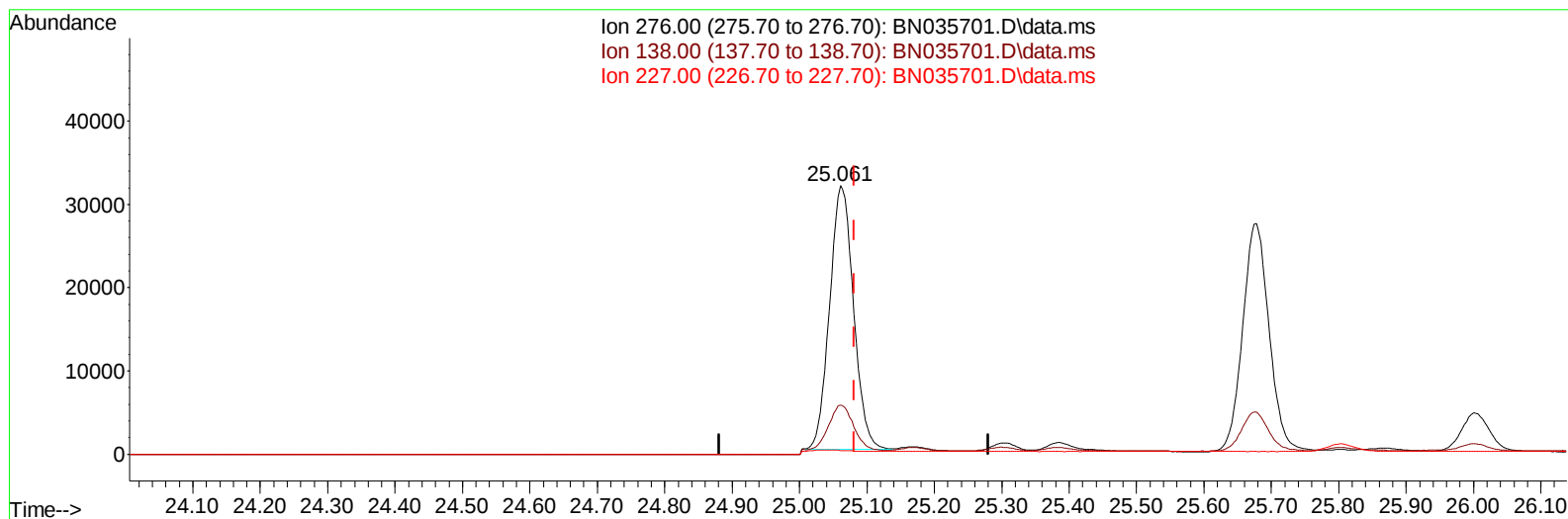
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
Acq On : 19 Dec 2024 12:05
Operator : RC/JU
Sample : P5258-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MSD

Manual IntegrationsAPPROVED

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TIC: BN035701.D\data.ms

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

25.061min (-0.020) 1.78 ng/u1 m

response 77913

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	22.92#
227.00	27.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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 Sample : P5258-06MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X0MSD

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8702	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6283	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13023	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	11484	0.400	ng/ul	-0.01
23) Perylene-d12	23.039	264	12598	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	1978	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	5825	0.470	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	13300	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.985	88	5416	1.791	ng/ul#	71
5) Naphthalene	10.070	128	14284m	0.669	ng/ul	
7) 2-Methylnaphthalene	11.697	142	9288	0.646	ng/ul	100
8) 1-Methylnaphthalene	11.923	142	9380	0.630	ng/ul	100
10) Acenaphthylene	13.648	152	14179	0.582	ng/ul	99
11) Acenaphthene	14.000	153	13492	0.733	ng/ul	99
12) Fluorene	15.004	166	16379	0.765	ng/ul	99
14) Pentachlorophenol	16.367	266	2038	0.610	ng/ul	98
15) Phenanthrene	16.747	178	152065	4.666	ng/ul	98
16) Anthracene	16.840	178	39634	1.301	ng/ul	98
19) Fluoranthene	18.791	202	241480	5.880	ng/ul	98
20) Pyrene	19.158	202	204305	4.515	ng/ul	99
21) Benzo(a)anthracene	20.938	228	109102	2.864	ng/ul	99
22) Chrysene	20.991	228	107990	2.733	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	130497m	3.515	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	60556m	1.475	ng/ul	
26) Benzo(a)pyrene	22.948	252	97466	2.711	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.061	276	77913m	1.780	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	30767	0.920	ng/ul#	90
29) Benzo(g,h,i)perylene	25.678	276	77196	2.198	ng/ul#	92

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

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