

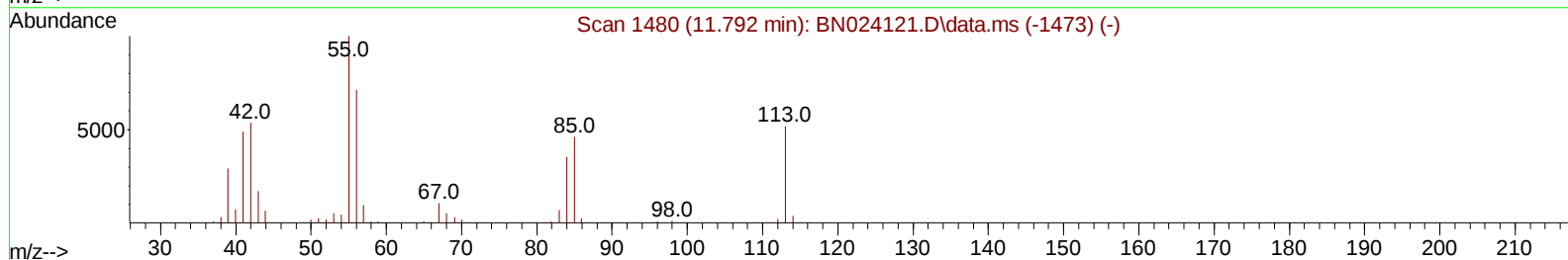
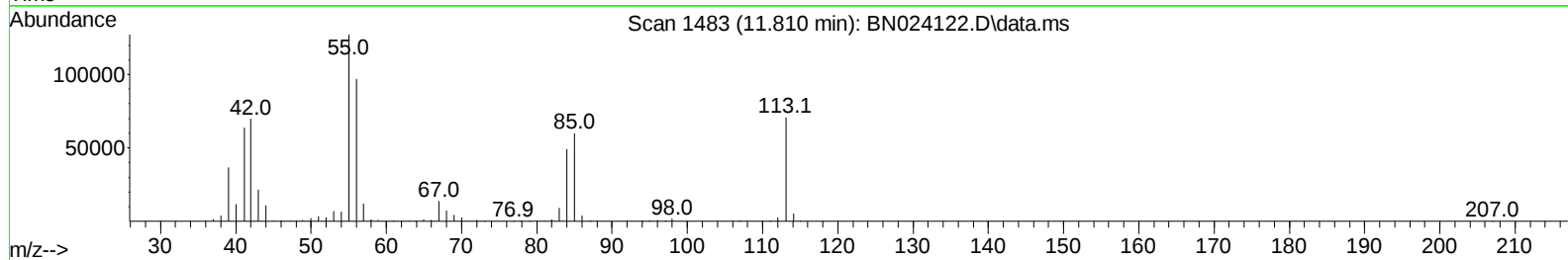
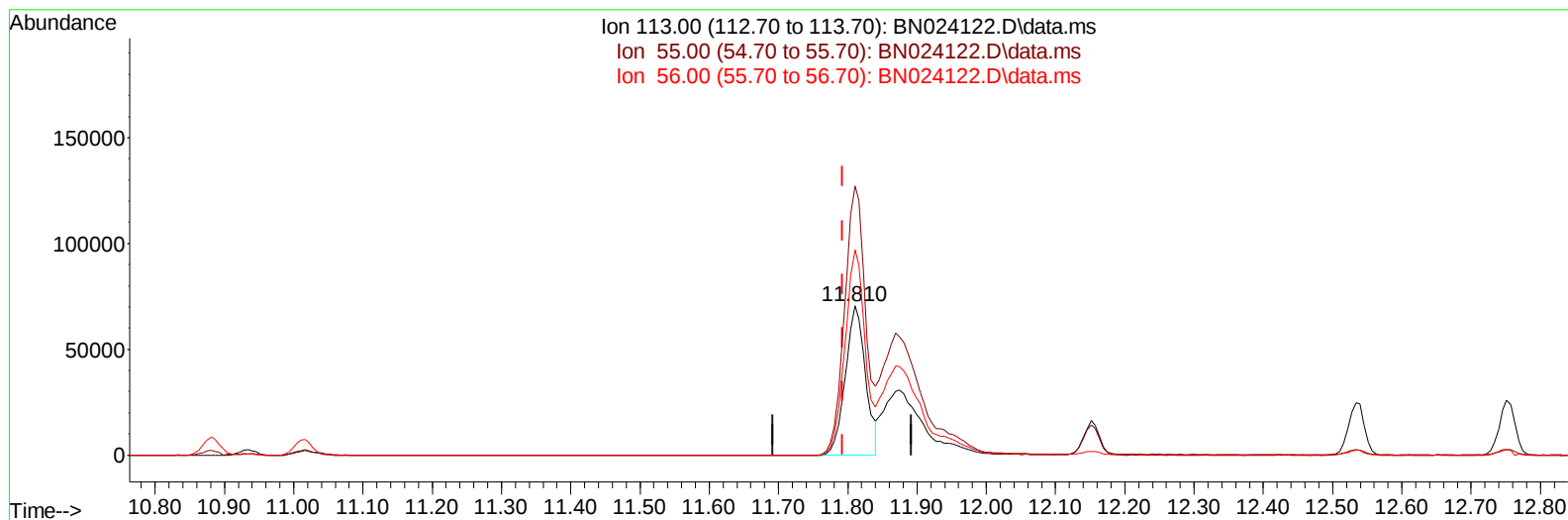
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
Data File : BN024122.D
Acq On : 03 Mar 2023 11:02
Operator : CG/JU
Sample : SST04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SST040248

Manual IntegrationsAPPROVED

Quant Time: Mar 03 23:07:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 03 23:03:15 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/08/2023



TIC: BN024122.D\data.ms

(34) Caprolactam

11.810min (+ 0.018) 25.81 ng/ul

response 141977

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.30	180.17
56.00	138.80	137.32
0.00	0.00	0.00

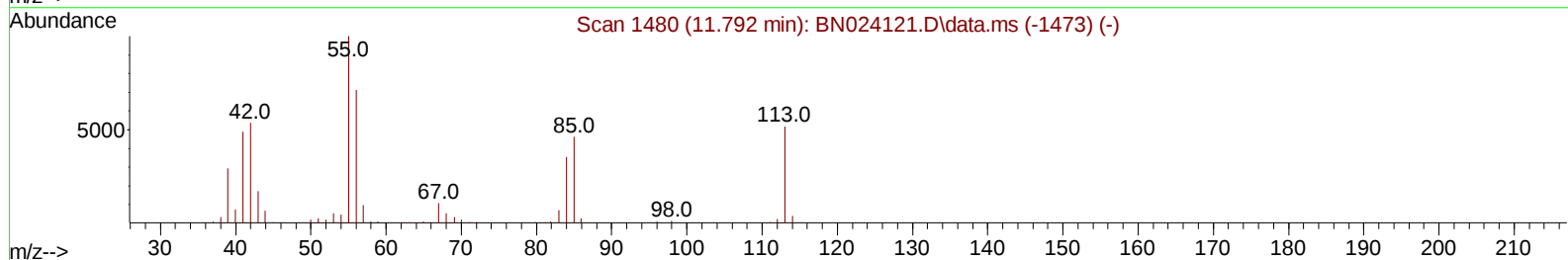
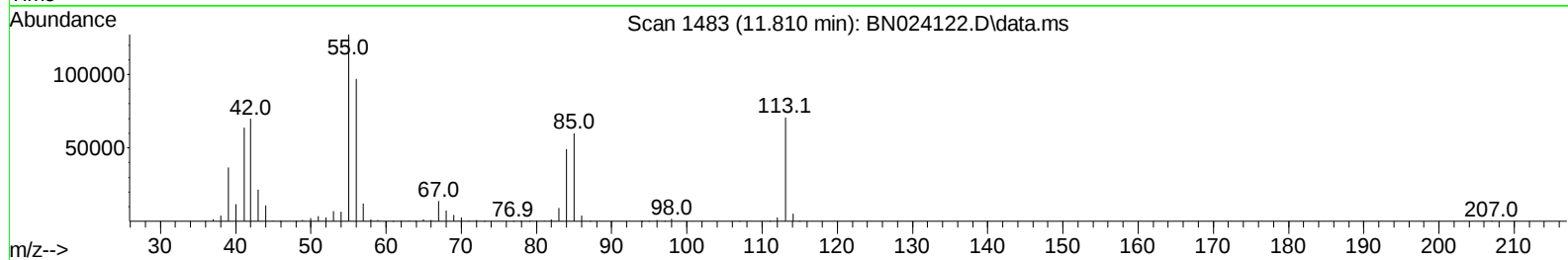
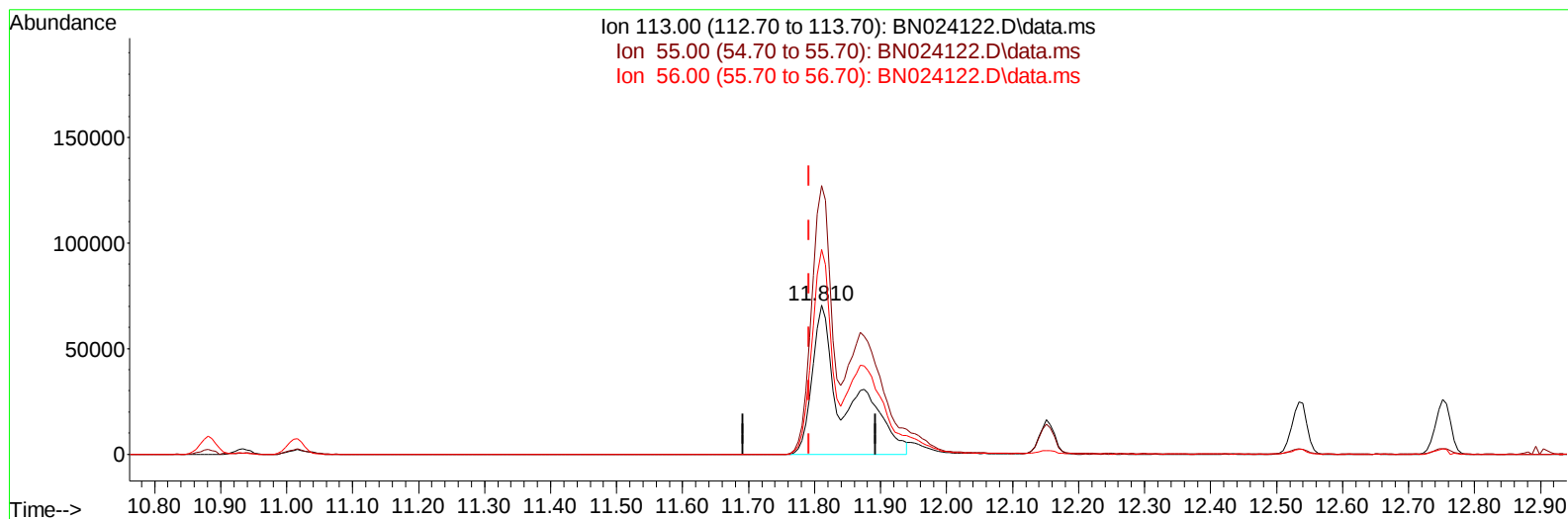
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
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Manual IntegrationsAPPROVED

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TIC: BN024122.D\data.ms

(34) Caprolactam

11.810min (+ 0.018) 46.08 ng/ul m

response 253474

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.30	180.17
56.00	138.80	137.32
0.00	0.00	0.00

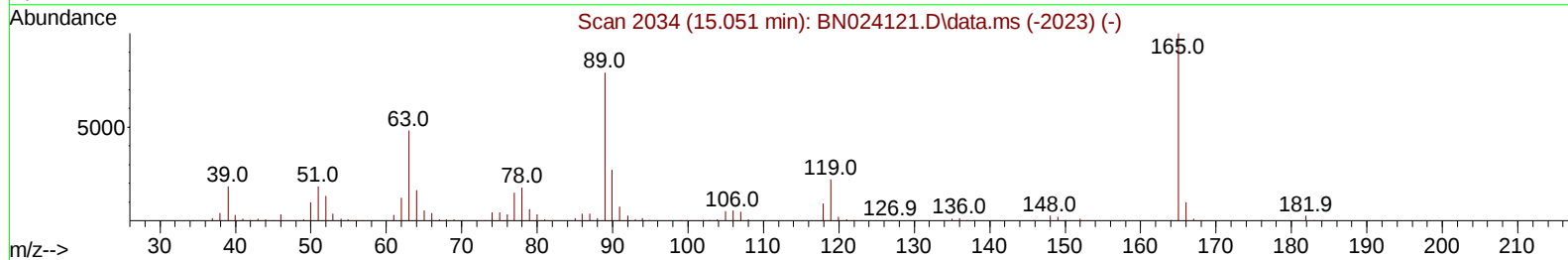
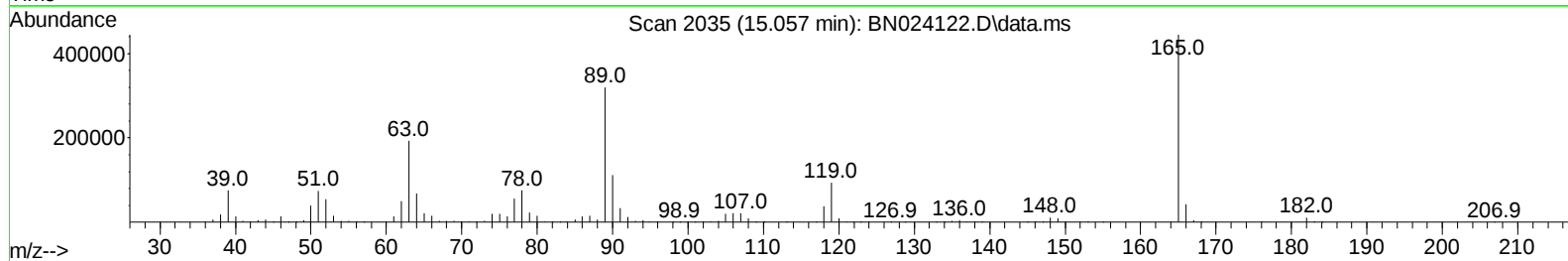
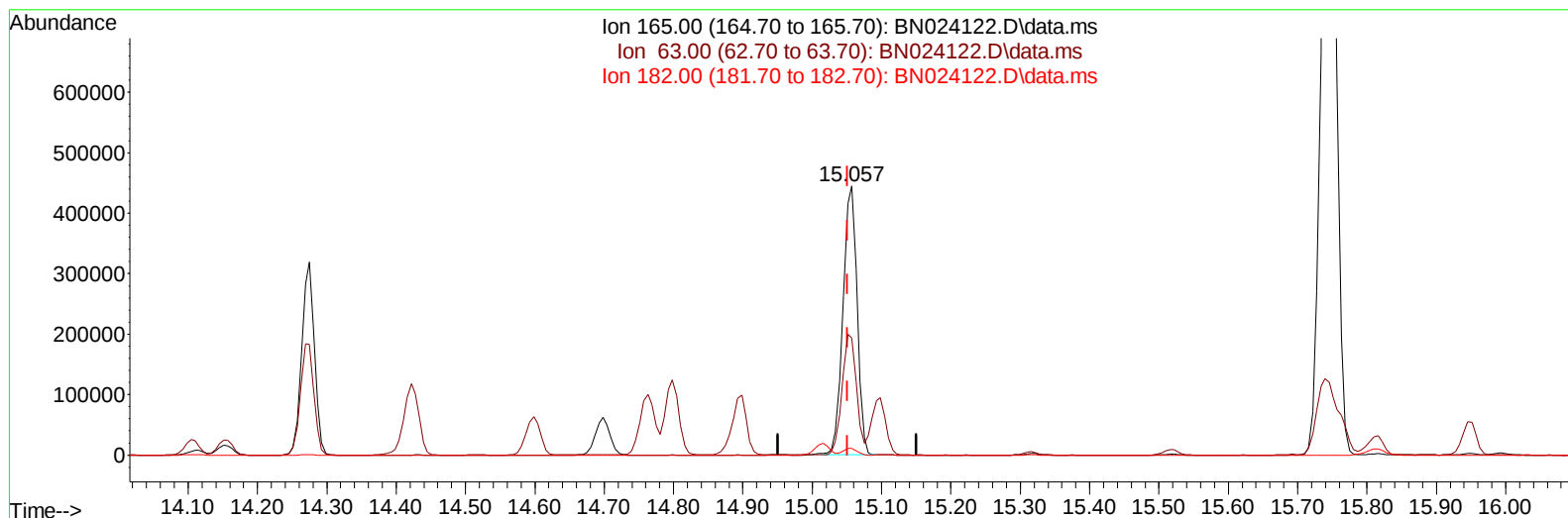
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
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TIC: BN024122.D\data.ms

(57) 2,4-Dinitrotoluene

15.057min (+ 0.006) 59.07 ng/u1

response 620249

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	48.10	43.48
182.00	2.80	2.54
0.00	0.00	0.00

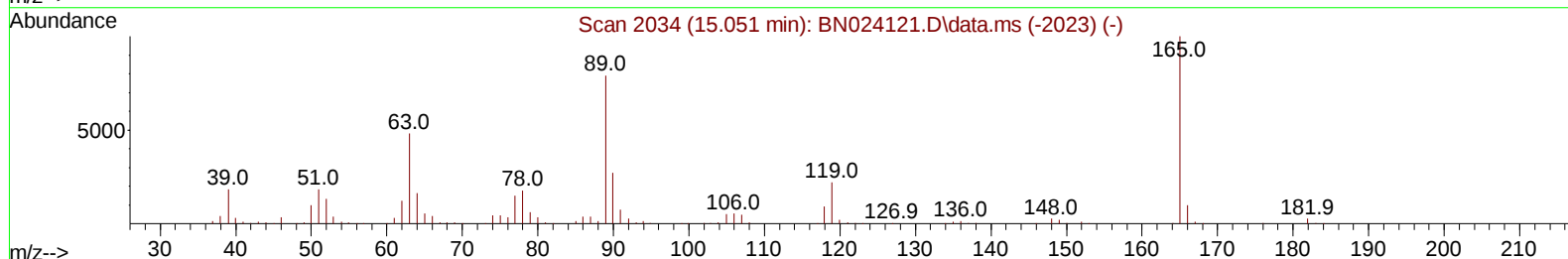
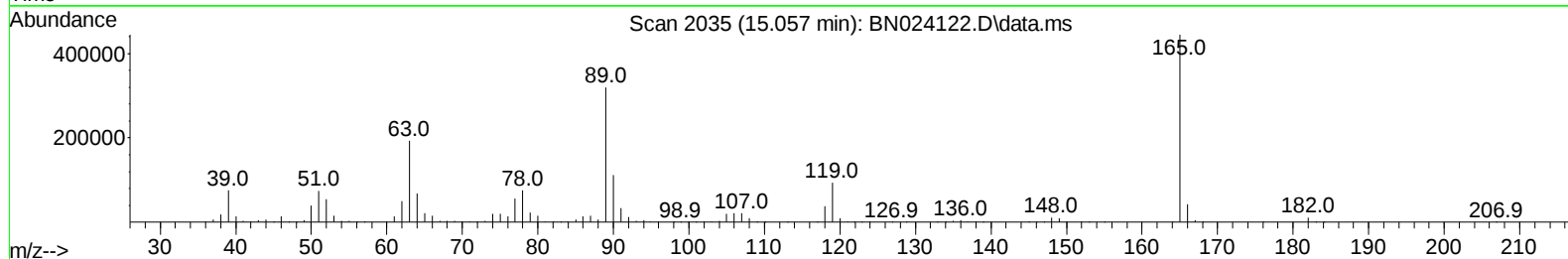
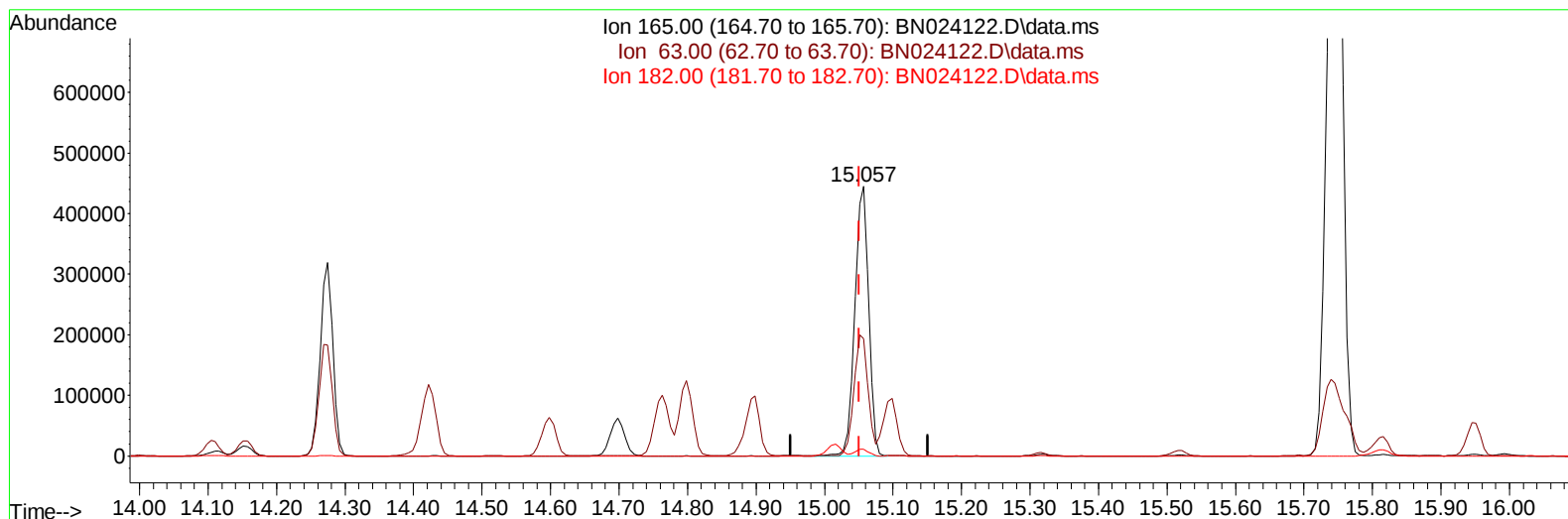
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
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 Acq On : 03 Mar 2023 11:02
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 Sample : SSTD04080
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN024122.D\data.ms

(57) 2,4-Dinitrotoluene

15.057min (+ 0.006) 59.51 ng/ul m

response 624900

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	48.10	43.48
182.00	2.80	2.54
0.00	0.00	0.00

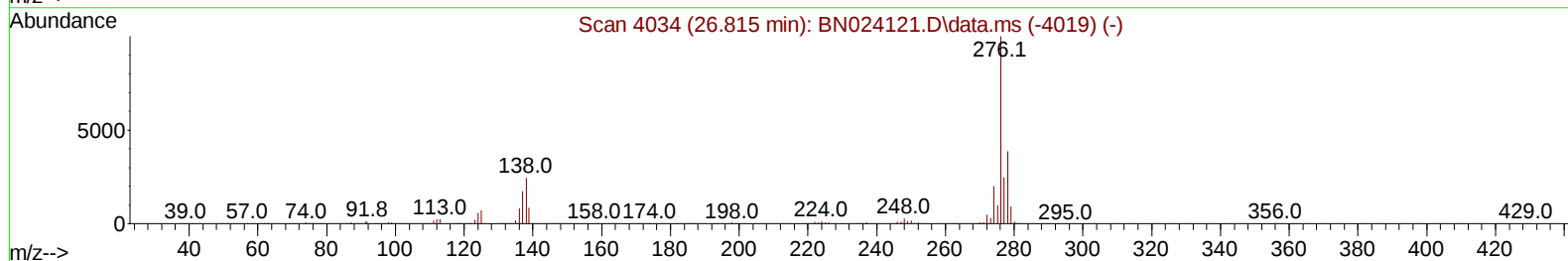
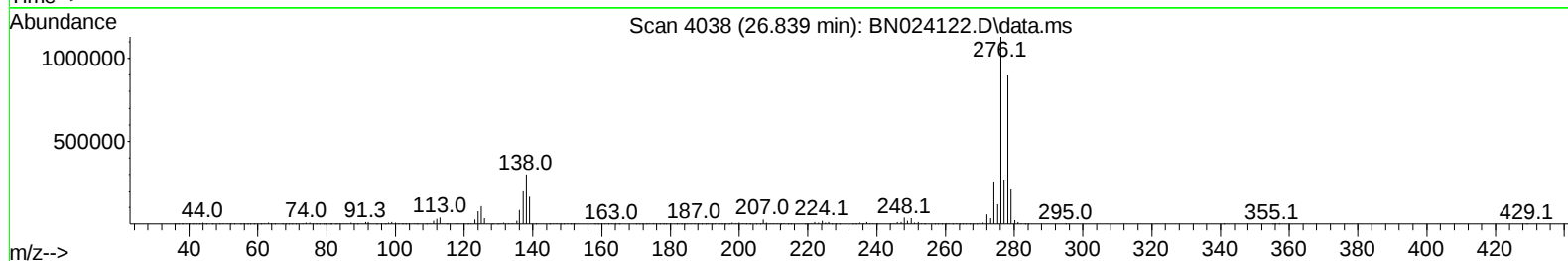
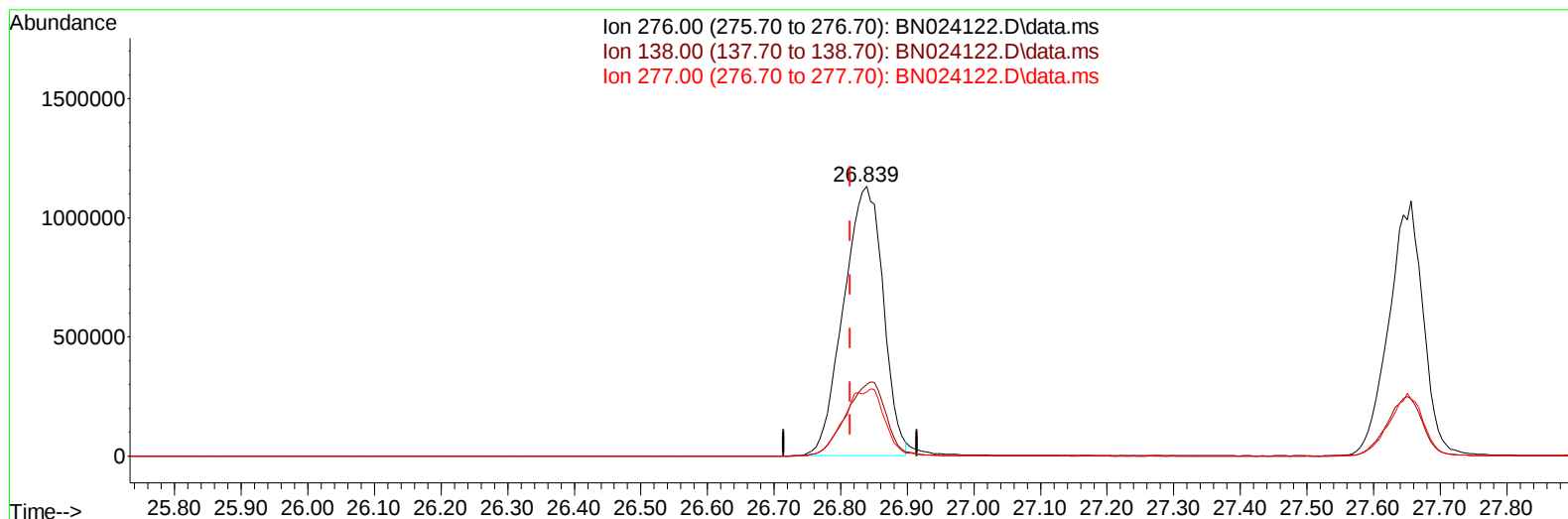
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TIC: BN024122.D\data.ms

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

26.839min (+ 0.024) 39.59 ng/u1

response 4660302

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.50	26.58
277.00	24.60	23.67
0.00	0.00	0.00

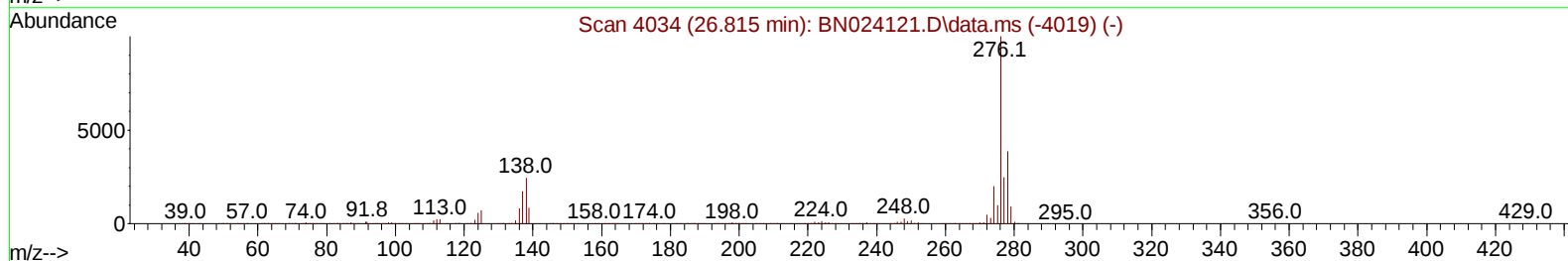
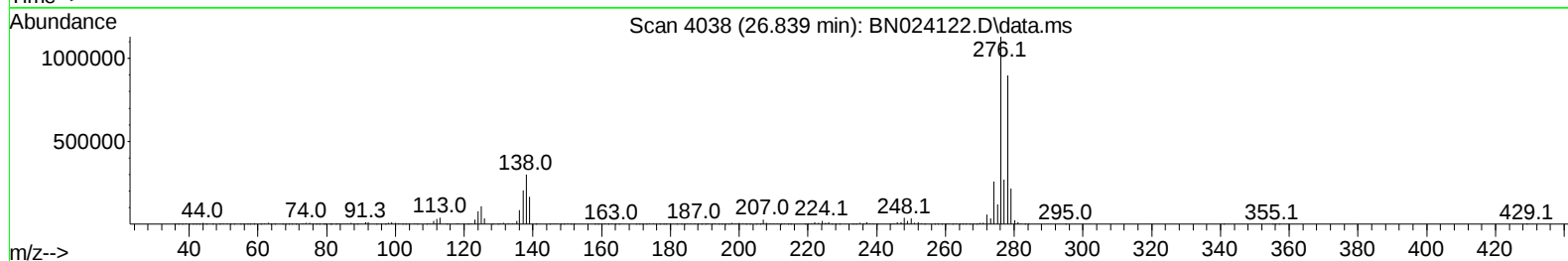
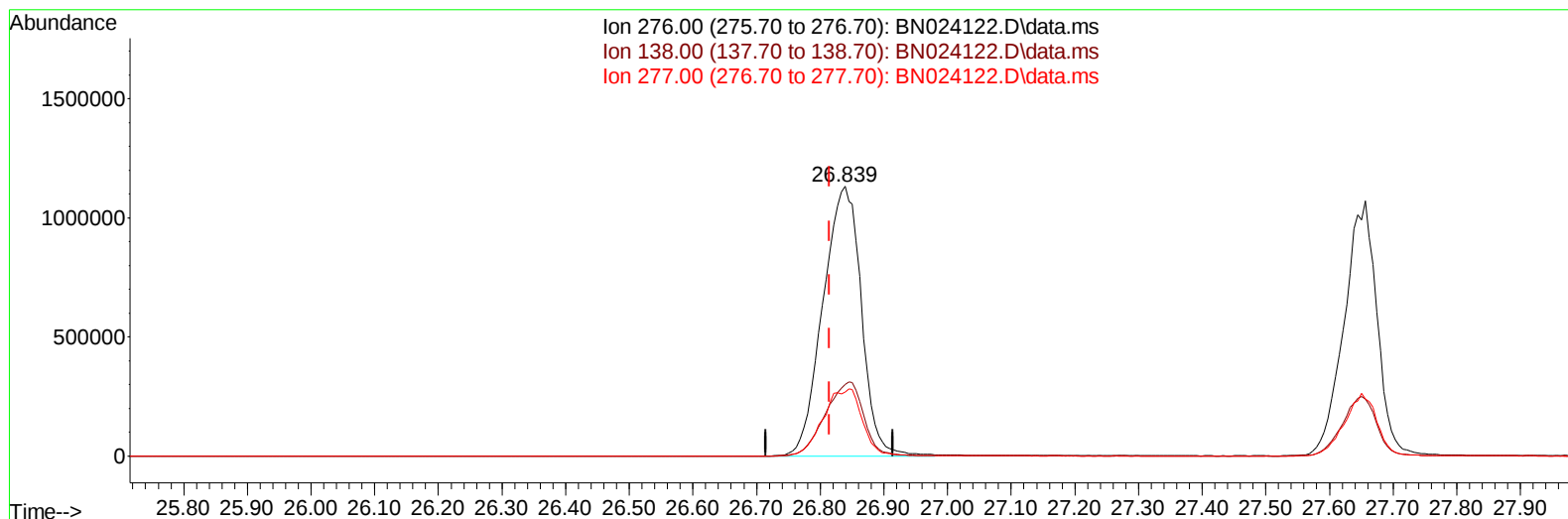
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
Data File : BN024122.D
Acq On : 03 Mar 2023 11:02
Operator : CG/JU
Sample : SST04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040248

Manual IntegrationsAPPROVED

Quant Time: Mar 03 23:07:36 2023
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TIC: BN024122.D\data.ms

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

26.839min (+ 0.024) 40.33 ng/ul m

response 4747315

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.50	26.58
277.00	24.60	23.67
0.00	0.00	0.00

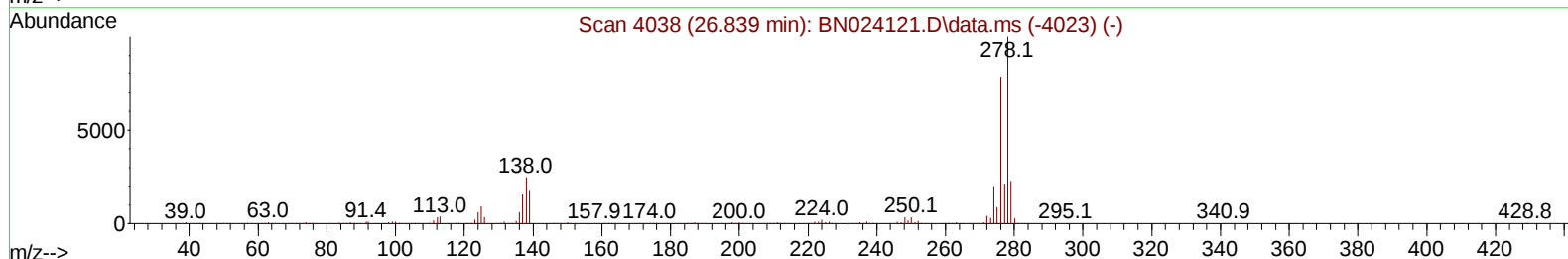
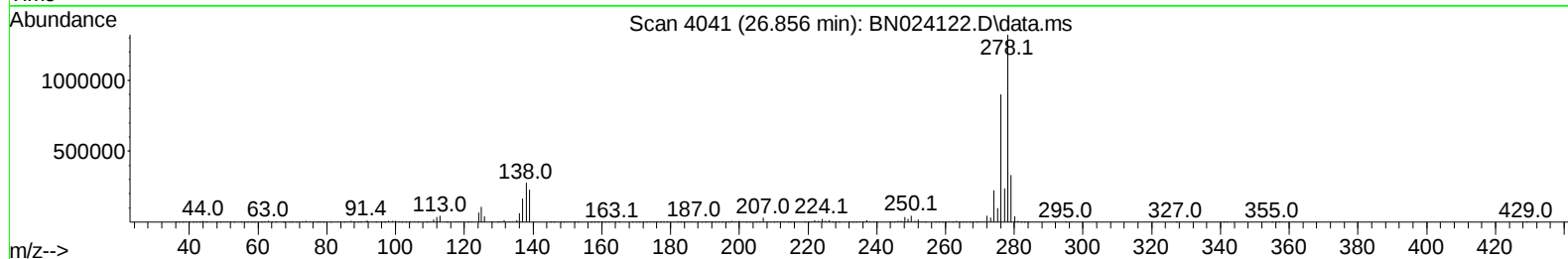
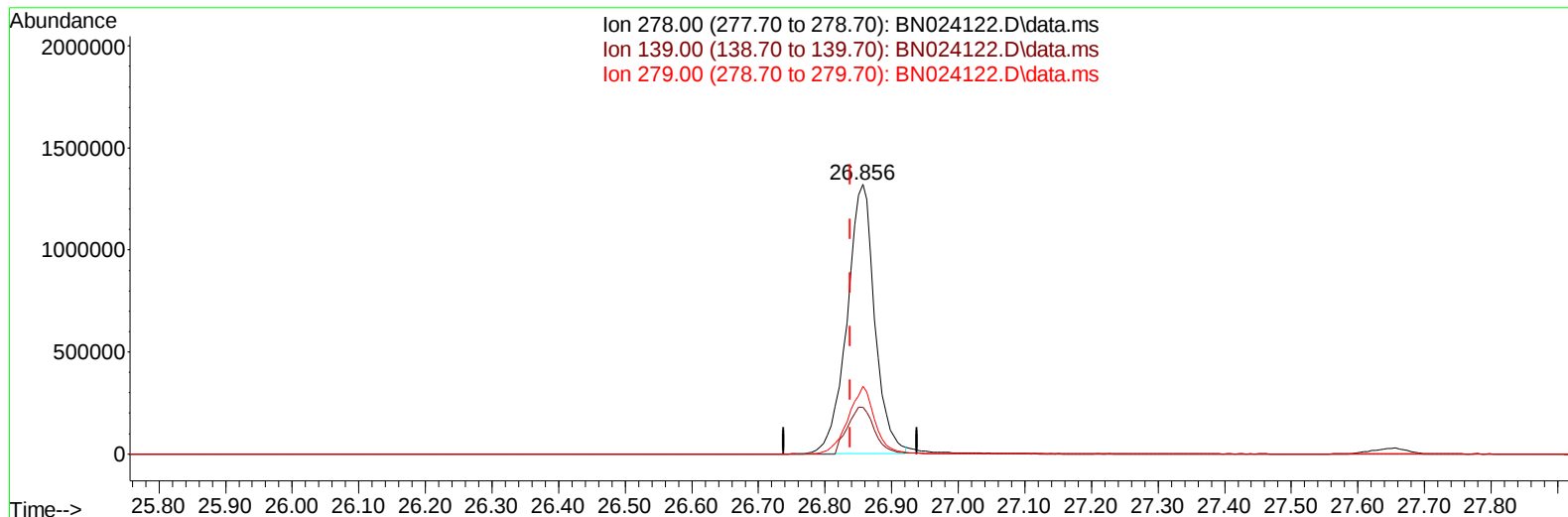
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
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Acq On : 03 Mar 2023 11:02
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Sample : SSTD04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN024122.D\data.ms

(95) Dibenzo(a,h)anthracene

26.856min (+ 0.018) 39.58 ng/u1

response 3817383

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.00	17.44
279.00	22.70	25.23
0.00	0.00	0.00

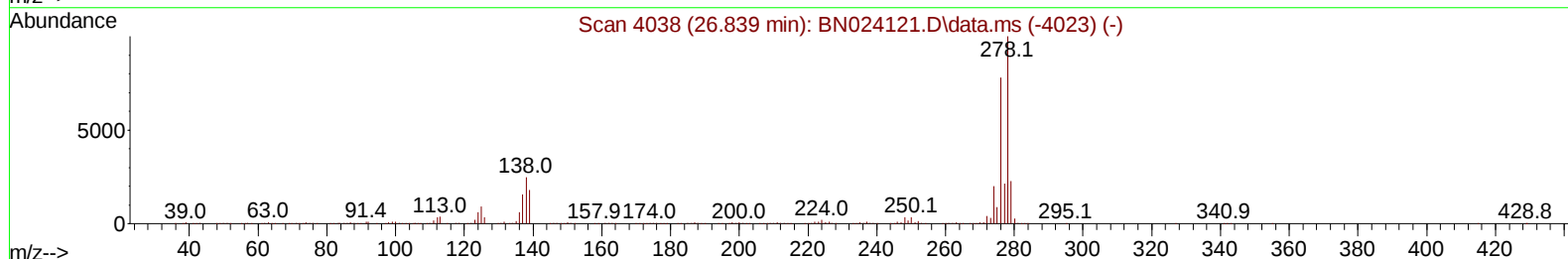
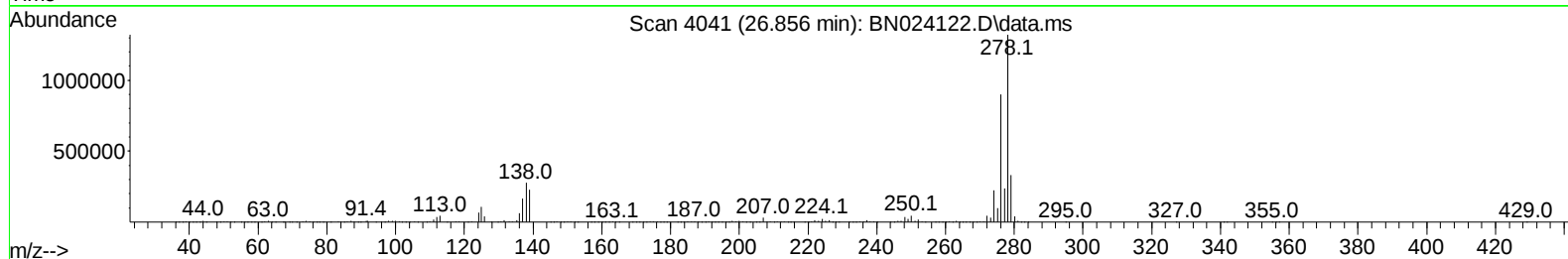
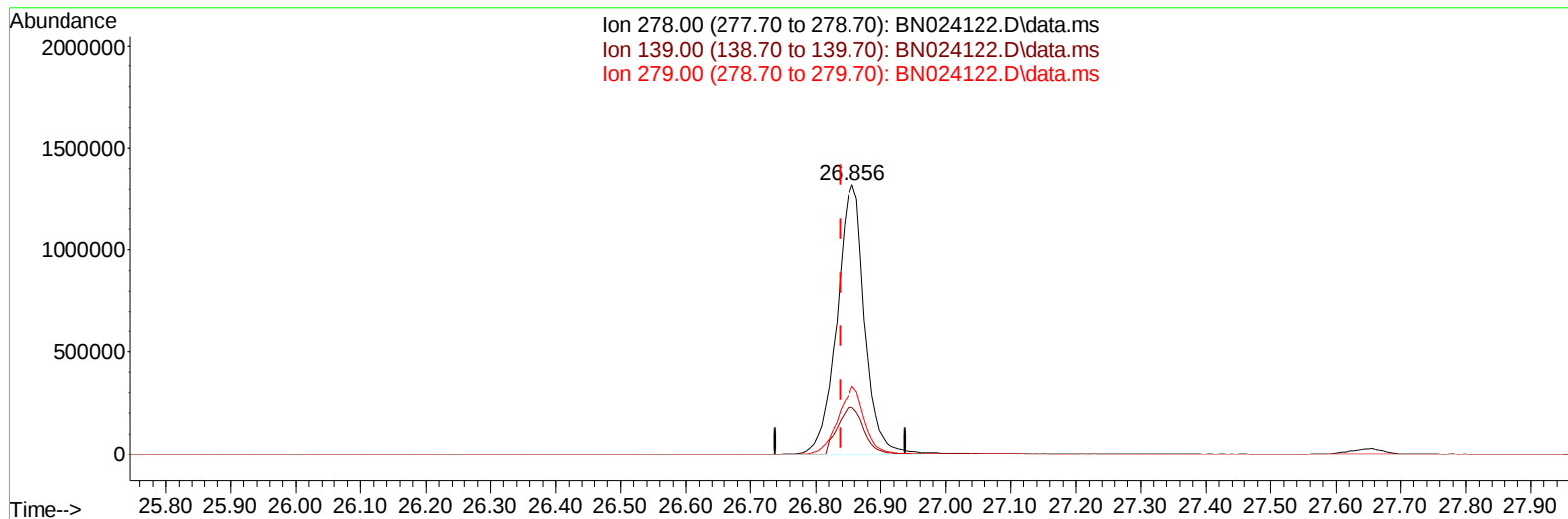
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
Data File : BN024122.D
Acq On : 03 Mar 2023 11:02
Operator : CG/JU
Sample : SSTD04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040248

Manual IntegrationsAPPROVED

Quant Time: Mar 03 23:07:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
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Supervised By :Jagrut Upadhyay 03/08/2023



TIC: BN024122.D\data.ms

(95) Dibenzo(a,h)anthracene

26.856min (+ 0.018) 40.10 ng/ul m

response 3867783

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.00	17.44
279.00	22.70	25.23
0.00	0.00	0.00

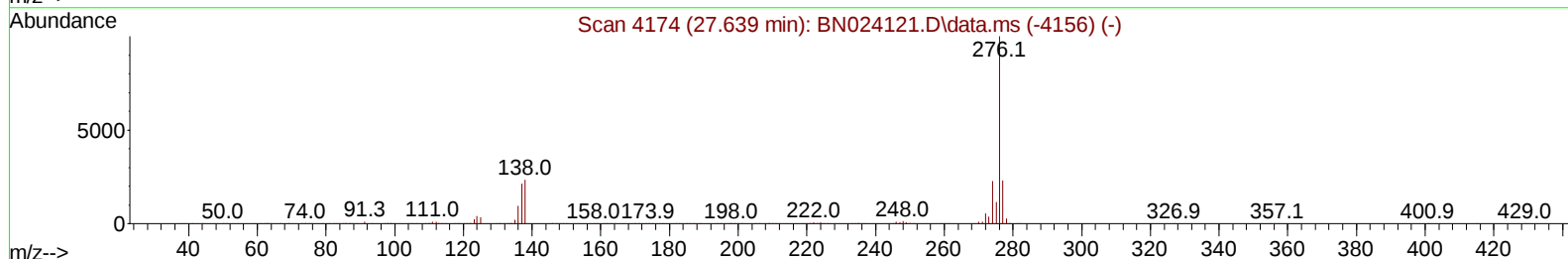
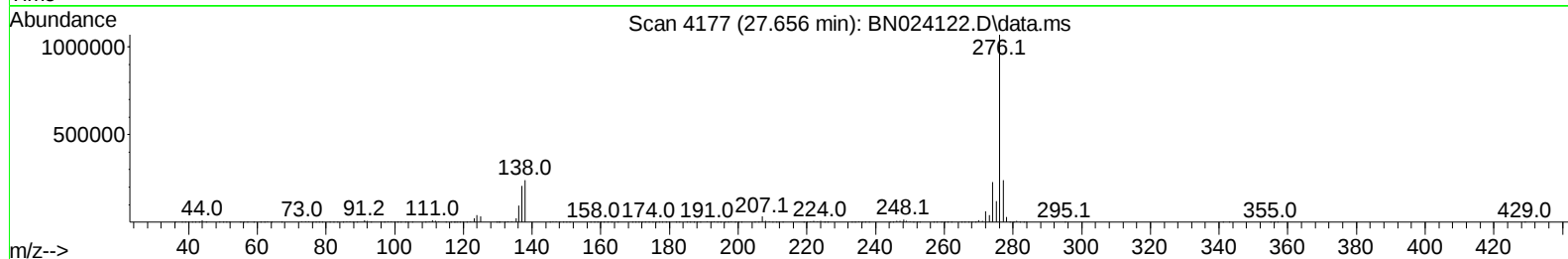
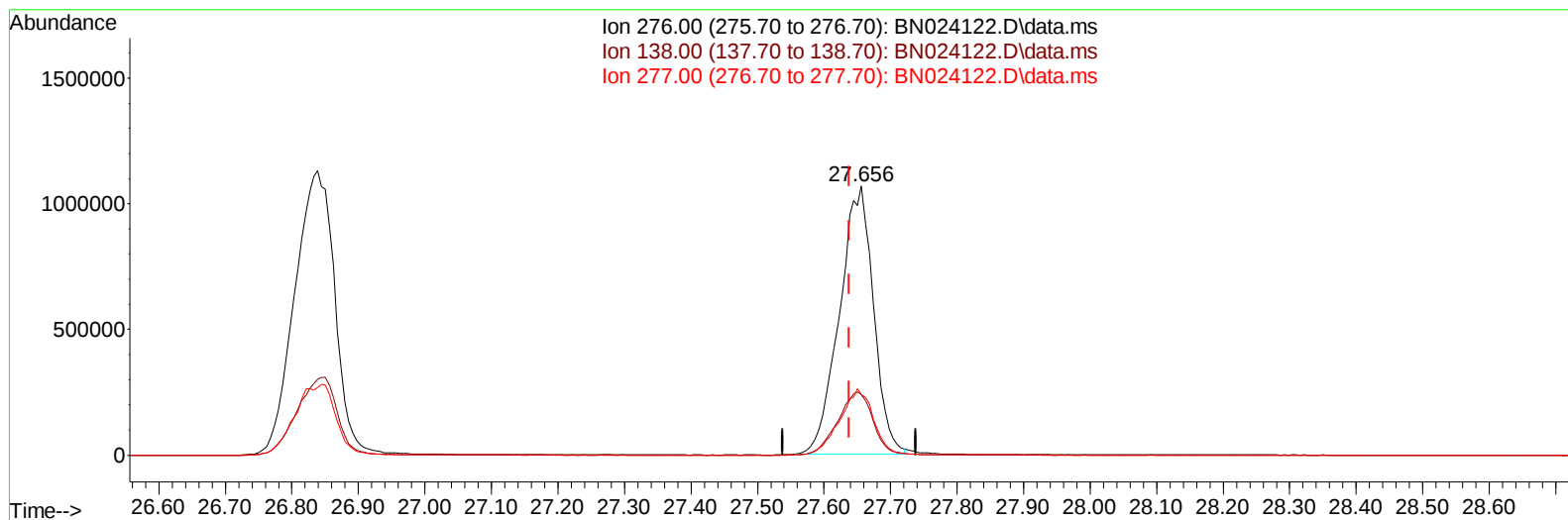
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TIC: BN024122.D\data.ms

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

27.656min (+ 0.018) 39.04 ng/u1

response 3793444

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.50	22.42
277.00	23.20	22.42
0.00	0.00	0.00

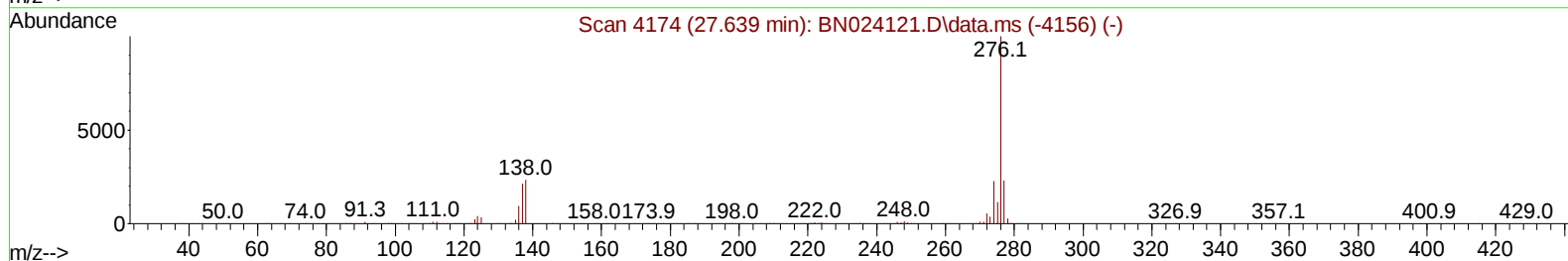
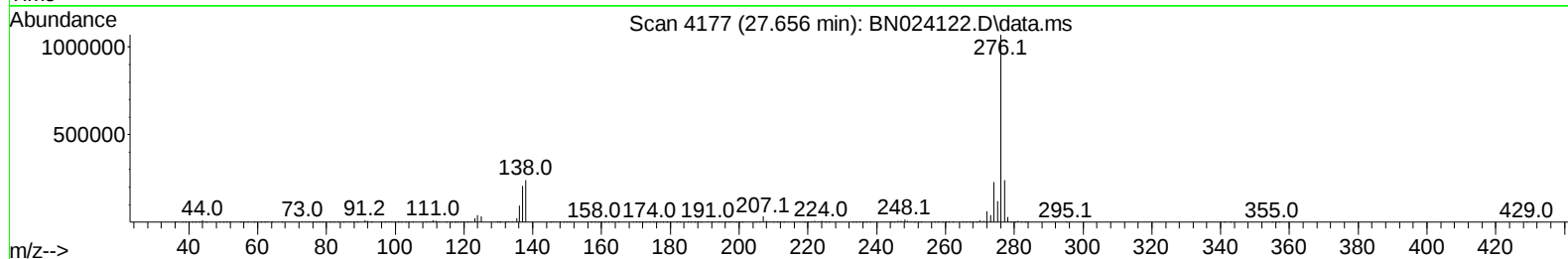
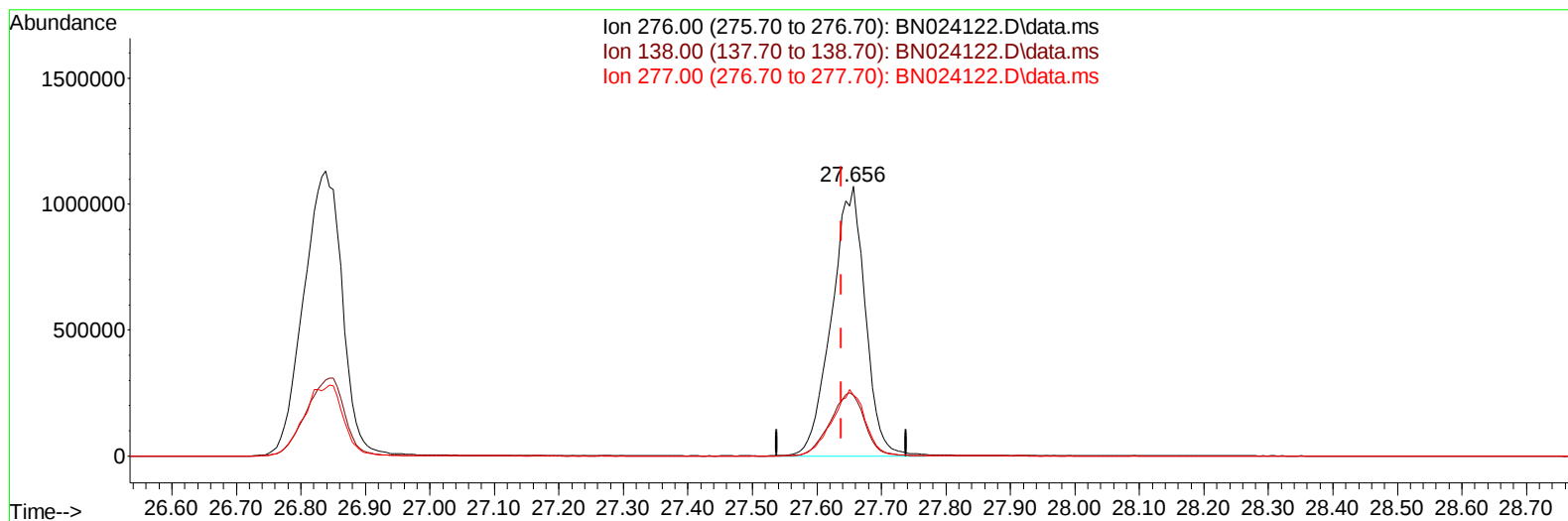
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Acq On : 03 Mar 2023 11:02
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Sample : SSTD04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN024122.D\data.ms

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

27.656min (+ 0.018) 39.68 ng/ul m

response 3855727

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.50	22.42
277.00	23.20	22.42
0.00	0.00	0.00

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 ClientSampleId :
 SST040248

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	260612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1160862	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	686492	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1467757	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1339050	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1541944	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	107469	16.824	ng/uL	0.00
4) Pyridine-d5	3.828	84	777813	46.149	ng/ul	0.00
7) Phenol-d5	7.205	99	980242	46.742	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	629079	48.892	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	769176	43.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	785604	47.974	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	352587	42.601	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	389668	43.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	757546	40.218	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	1106784	44.238	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	2240293	42.945	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	2614619	41.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	436673	48.008	ng/ul	0.01
60) Fluorene-d10	15.686	176	1831245	40.403	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	344752	48.445	ng/ul	0.00
73) Anthracene-d10	17.545	188	2824977	40.613	ng/ul	0.00
81) Pyrene-d10	19.833	212	3281519	41.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	3319871	41.031	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	114448	16.467	ng/uL	97
5) Pyridine	3.852	79	797027	46.281	ng/ul	99
6) Benzaldehyde	7.187	77	509379	48.657	ng/ul	100
8) Phenol	7.234	94	1010454	47.279	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.475	93	815254	47.274	ng/ul	97
12) 2-Chlorophenol	7.616	128	785194	44.370	ng/ul	99
13) 2-Methylphenol	8.499	108	774120	47.967	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	1312136	55.754	ng/ul	99
16) Acetophenone	8.893	105	1221750	49.453	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	604964	48.720	ng/ul	97
18) 4-Methylphenol	8.834	108	843608	49.168	ng/ul	100
19) Hexachloroethane	9.151	117	313936	43.938	ng/ul	97
22) Nitrobenzene	9.275	77	895069	43.897	ng/ul	96
23) Isophorone	9.804	82	1859991	44.543	ng/ul	99
25) 2-Nitrophenol	9.987	139	432041	43.605	ng/ul	97
26) 2,4-Dimethylphenol	10.046	107	889120	41.672	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.287	93	1127258	44.246	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	756466	40.835	ng/ul	99
30) Naphthalene	10.934	128	2569178	40.581	ng/ul	98
32) 4-Chloroaniline	11.040	127	1112537	44.624	ng/ul	100
33) Hexachlorobutadiene	11.222	225	436907	34.366	ng/ul	96
34) Caprolactam	11.810	113	253474m	46.078	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	831731	44.154	ng/ul	98

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Instrument :
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 ClientSampleId :
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 Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.534	142	1699140	41.504	ng/ul	94
37) 1-Methylnaphthalene	12.751	142	1696668	41.913	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.898	216	859307	36.508	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	481443	38.626	ng/ul	100
41) 2,4,6-Trichlorophenol	13.134	196	592968	39.189	ng/ul	91
42) 2,4,5-Trichlorophenol	13.204	196	627253	38.808	ng/ul	96
43) 1,1'-Biphenyl	13.539	154	2277317	40.753	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	1750959	39.633	ng/ul	95
45) 2-Nitroaniline	13.781	65	479831	58.783	ng/ul	98
47) Dimethylphthalate	14.157	163	2228836	42.946	ng/ul	100
48) 2,6-Dinitrotoluene	14.275	165	408809	57.600	ng/ul	89
50) Acenaphthylene	14.422	152	2739697	40.962	ng/ul	99
51) 3-Nitroaniline	14.598	138	432579	51.008	ng/ul	98
52) Acenaphthene	14.763	153	1858659	40.872	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	235718	48.118	ng/ul	95
55) 4-Nitrophenol	14.898	109	331520	46.348	ng/ul	94
56) Dibenzofuran	15.098	168	2640424	41.806	ng/ul	95
57) 2,4-Dinitrotoluene	15.057	165	624900m	59.511	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.316	232	544972	40.536	ng/ul	98
59) Diethylphthalate	15.516	149	2245785	44.880	ng/ul	98
61) Fluorene	15.745	166	2003309	40.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	971353	38.367	ng/ul	97
63) 4-Nitroaniline	15.763	138	416289	55.059	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.816	198	348150	47.958	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	1813867	41.401	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	600927	36.519	ng/ul	98
69) Hexachlorobenzene	16.745	284	725873	38.045	ng/ul	98
70) Atrazine	16.898	200	634074	42.874	ng/ul	97
71) Pentachlorophenol	17.086	266	466326	39.082	ng/ul	92
72) Phenanthrene	17.486	178	3298519	40.571	ng/ul	97
74) Anthracene	17.580	178	3321631	40.526	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.504	216	873979	35.034	ng/uL	93
76) Pentachlorobenzene	15.016	250	868996	37.526	ng/uL	90
77) Carbazole	17.845	167	3145283	44.492	ng/ul	100
78) Di-n-butylphthalate	18.410	149	3933793	48.679	ng/ul	99
80) Fluoranthene	19.498	202	3838241	41.273	ng/ul	99
82) Pyrene	19.863	202	3857633	40.258	ng/ul	98
83) Butylbenzylphthalate	20.757	149	1195173	81.113	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.545	252	1216128	43.684	ng/ul	94
85) Benzo(a)anthracene	21.616	228	3915243	41.634	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.539	149	2022359	74.604	ng/ul	99
87) Chrysene	21.674	228	3645274	40.676	ng/ul	96
89) Di-n-octyl phthalate	22.515	149	3668988	57.199	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	4250905	43.055	ng/ul	98
91) Benzo(k)fluoranthene	23.445	252	3911577	40.670	ng/ul	98
93) Benzo(a)pyrene	24.051	252	3626258	40.859	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.839	276	4747315m	40.330	ng/ul	
95) Dibenzo(a,h)anthracene	26.856	278	3867783m	40.104	ng/ul	
96) Benzo(g,h,i)perylene	27.656	276	3855727m	39.683	ng/ul	

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

Instrument :

BNA_N

ClientSampleId :

SSTD040248

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/08/2023

