

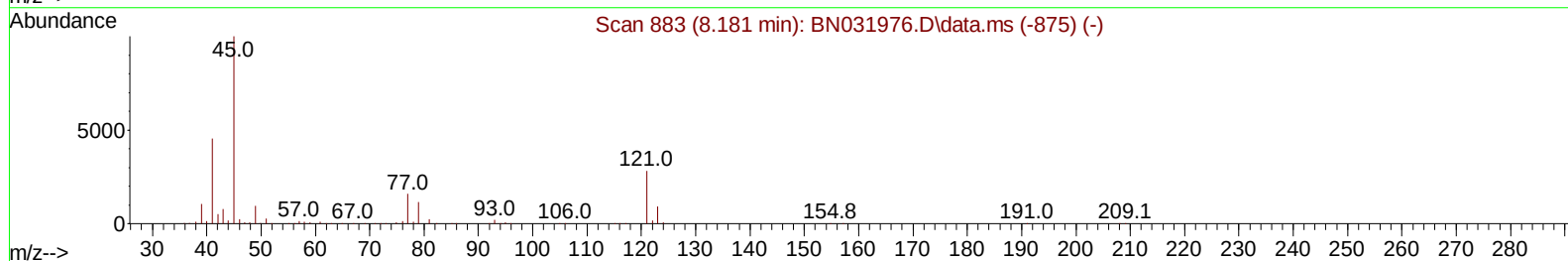
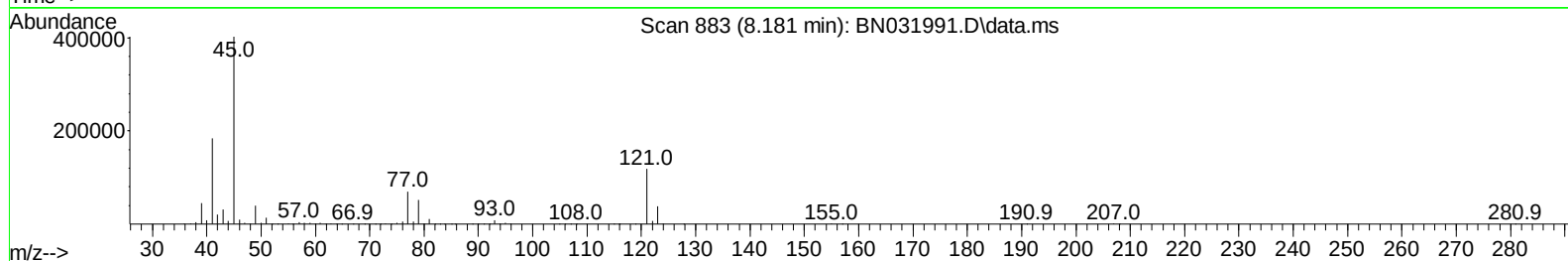
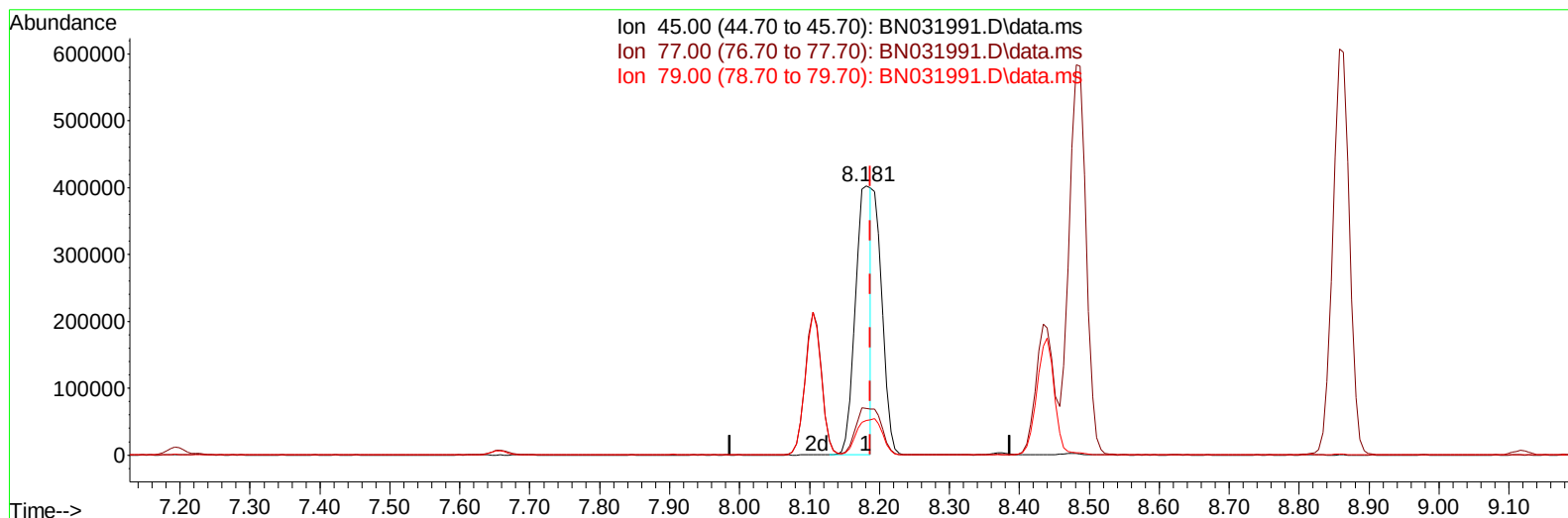
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031991.D
 Acq On : 14 Jun 2024 00:10
 Operator : MA/JU
 Sample : PB161396BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024



TIC: BN031991.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.181min (-0.006) 21.04 ng/u1

response 634073

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.00	17.38
79.00	13.20	12.95
0.00	0.00	0.00

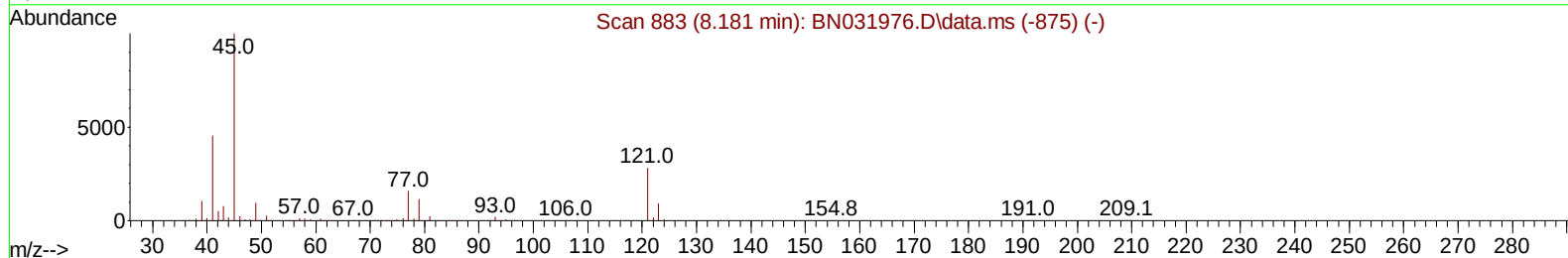
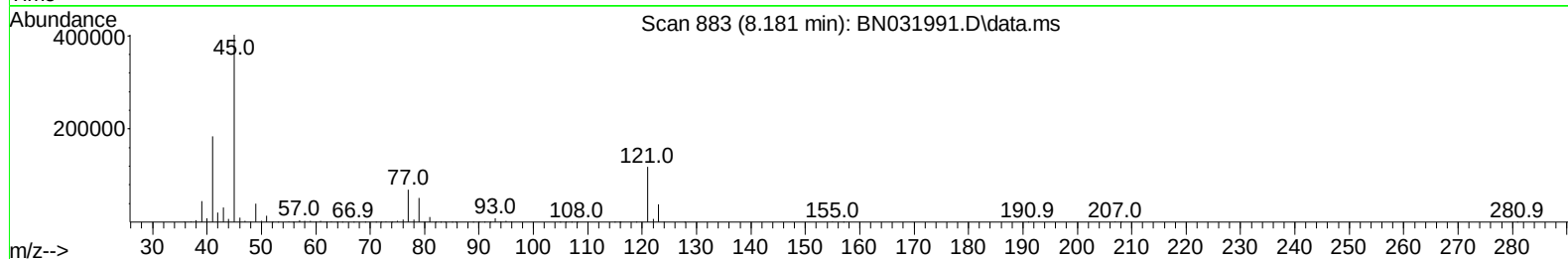
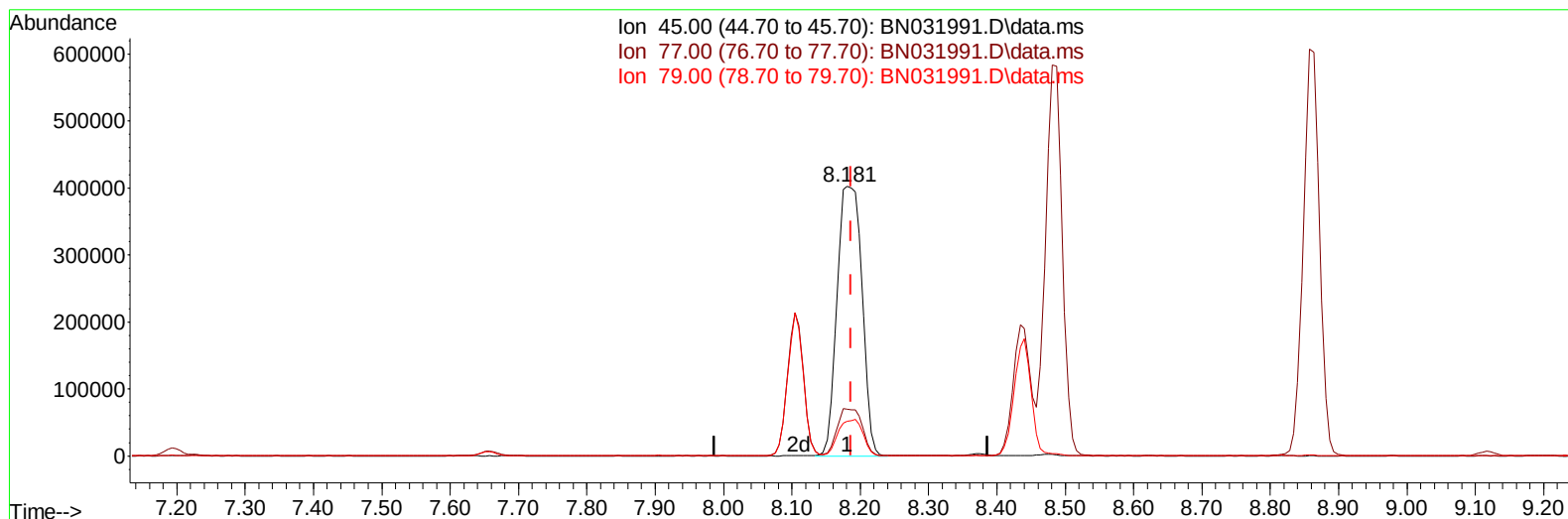
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031991.D
 Acq On : 14 Jun 2024 00:10
 Operator : MA/JU
 Sample : PB161396BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
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 Quant Title : SVOA CALIBRATION
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TIC: BN031991.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.181min (-0.006) 33.79 ng/ul m

response 1018574

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.00	17.38
79.00	13.20	12.95
0.00	0.00	0.00

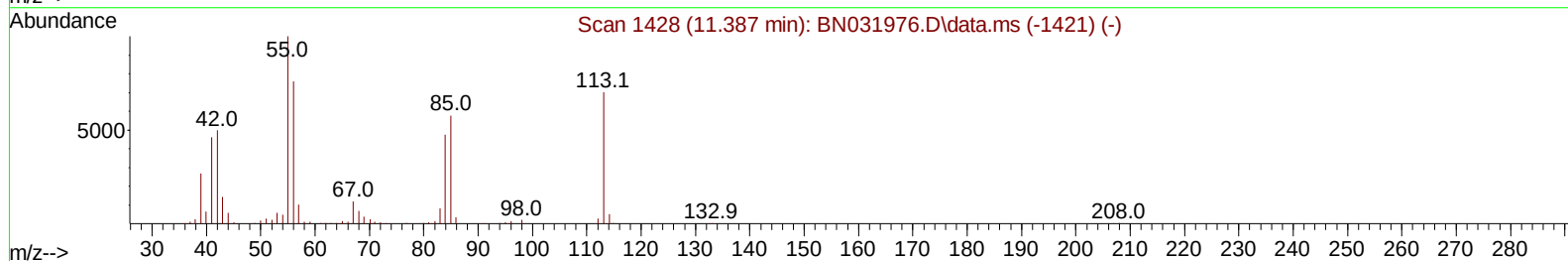
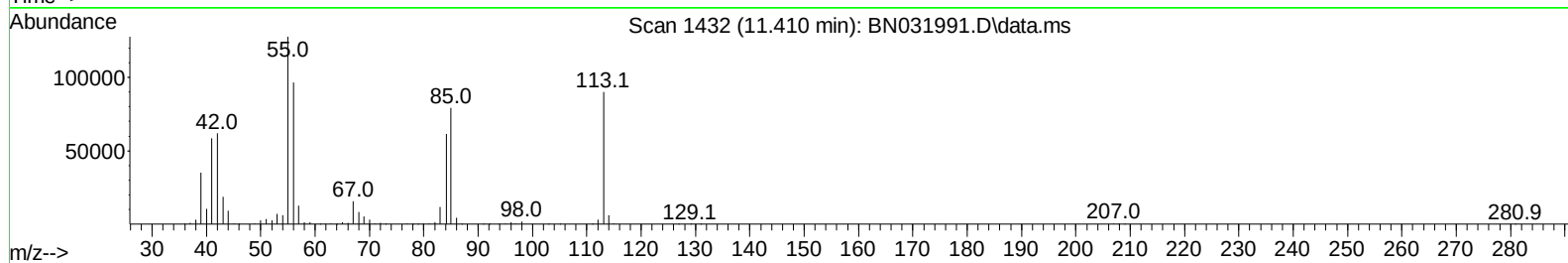
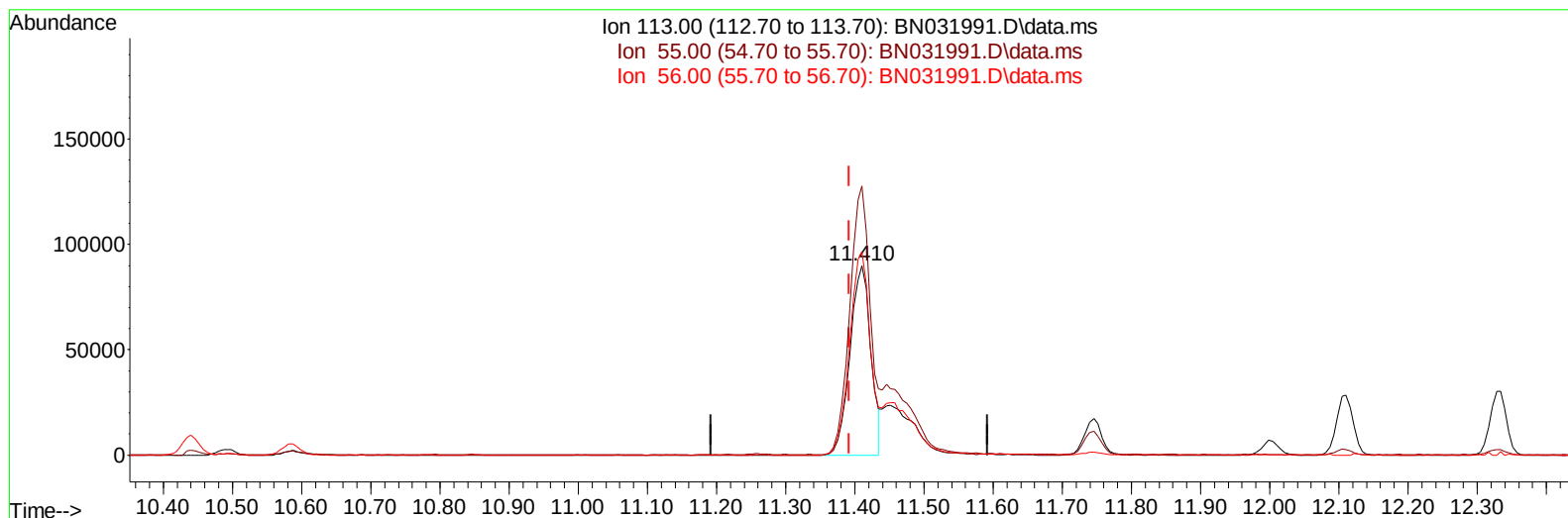
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031991.D
Acq On : 14 Jun 2024 00:10
Operator : MA/JU
Sample : PB161396BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
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Quant Title : SVOA CALIBRATION
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TIC: BN031991.D\data.ms

(34) Caprolactam

11.410min (+ 0.018) 20.92 ng/ul

response 186740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	141.99
56.00	111.70	107.17
0.00	0.00	0.00

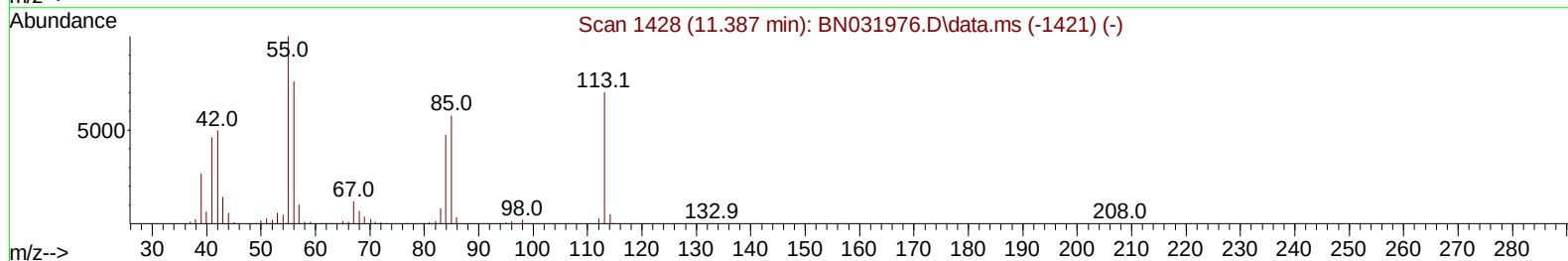
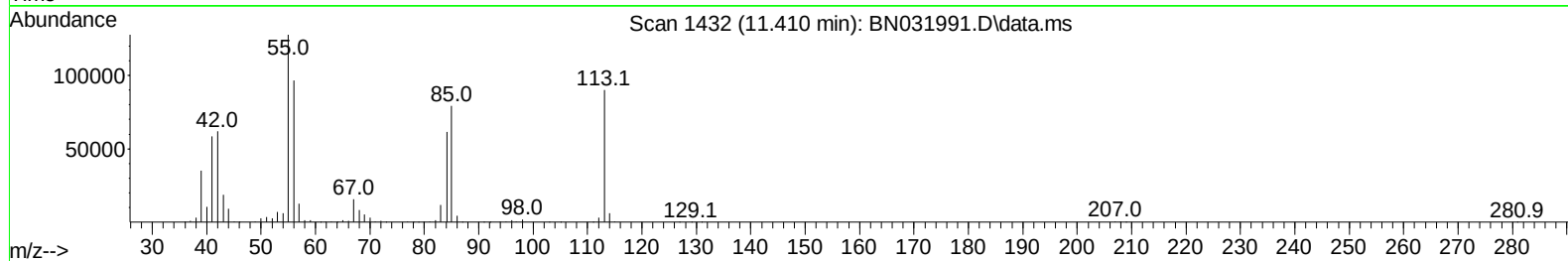
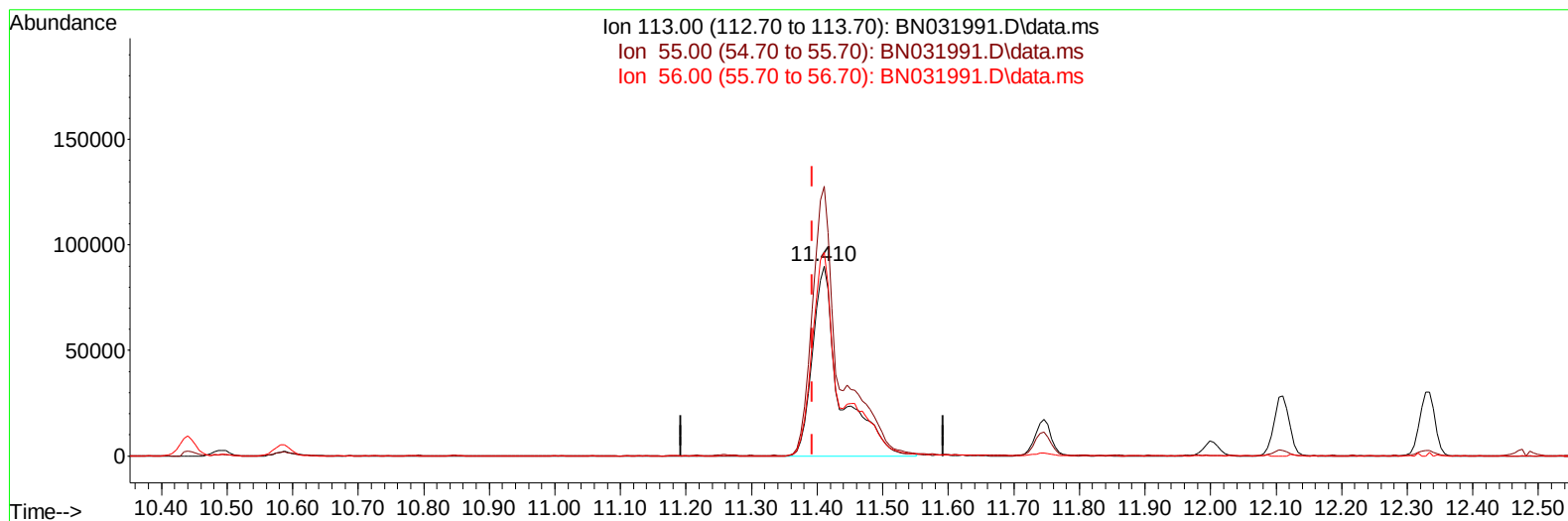
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031991.D
Acq On : 14 Jun 2024 00:10
Operator : MA/JU
Sample : PB161396BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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Supervised By :mohammad ahmed 06/14/2024



TIC: BN031991.D\data.ms

(34) Caprolactam

11.410min (+ 0.018) 29.49 ng/ul m

response 263229

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	141.99
56.00	111.70	107.17
0.00	0.00	0.00

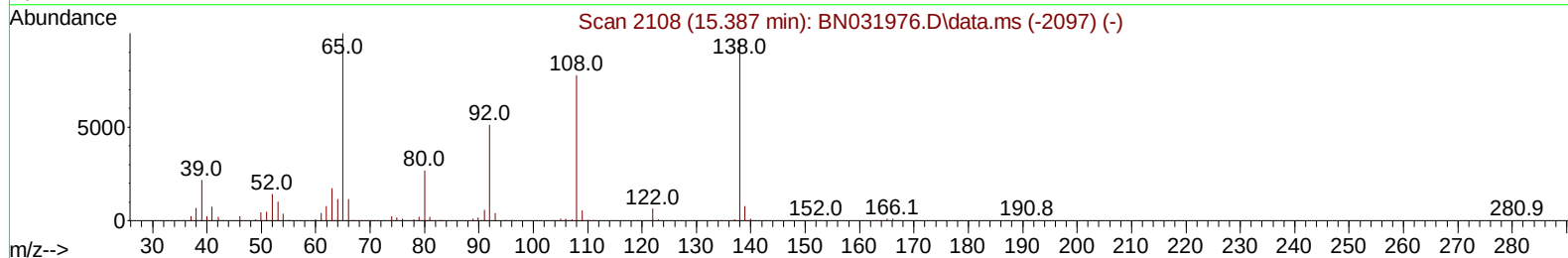
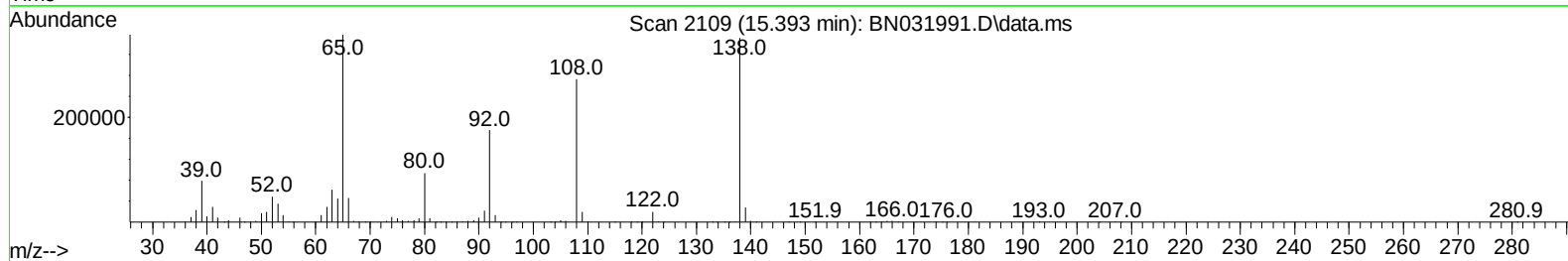
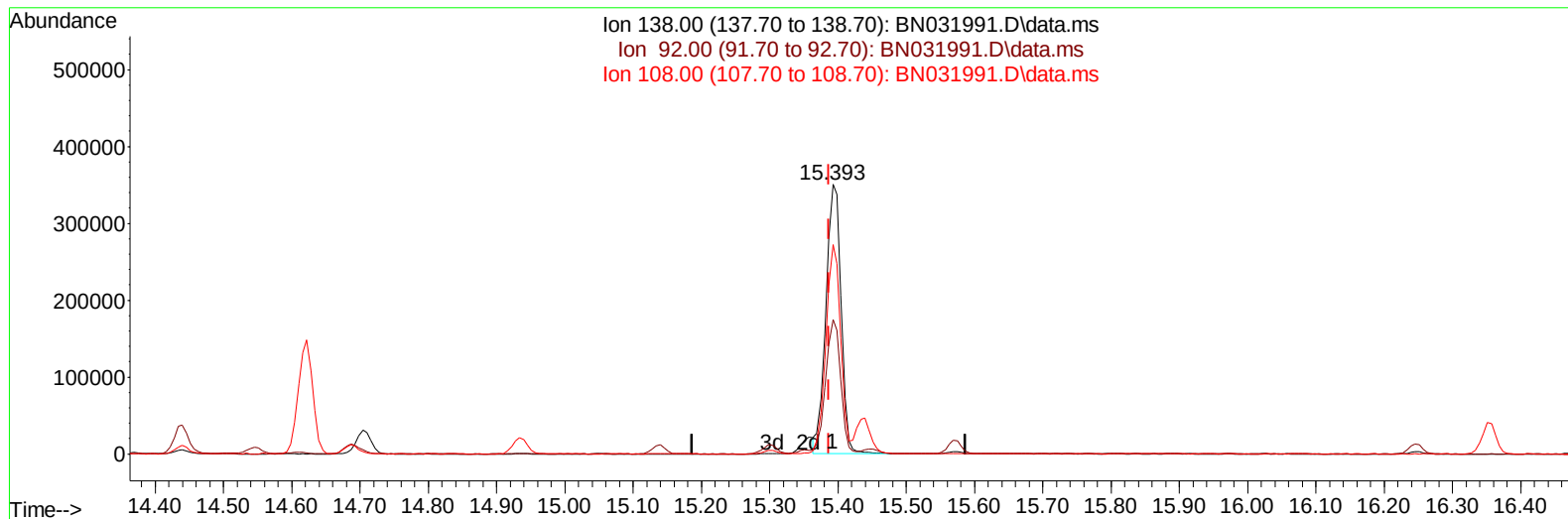
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031991.D
Acq On : 14 Jun 2024 00:10
Operator : MA/JU
Sample : PB161396BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
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TIC: BN031991.D\data.ms

(63) 4-Nitroaniline

15.393min (+ 0.006) 39.46 ng/ul

response 540463

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	49.94
108.00	75.10	77.73
0.00	0.00	0.00

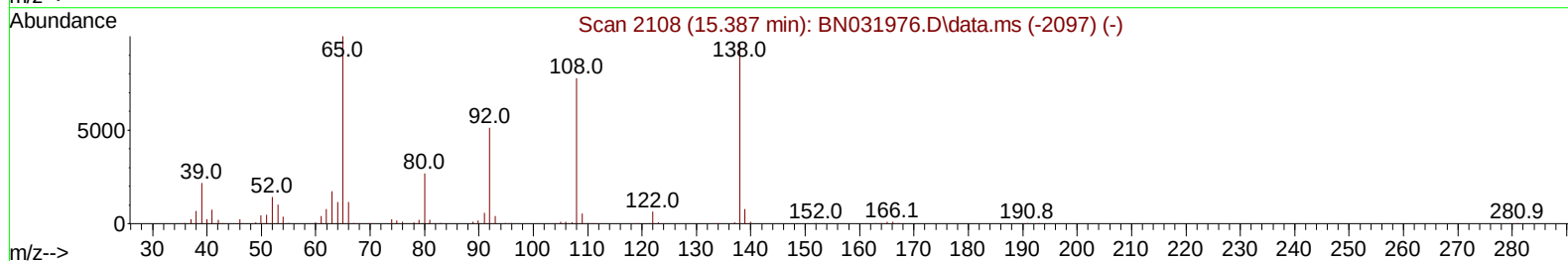
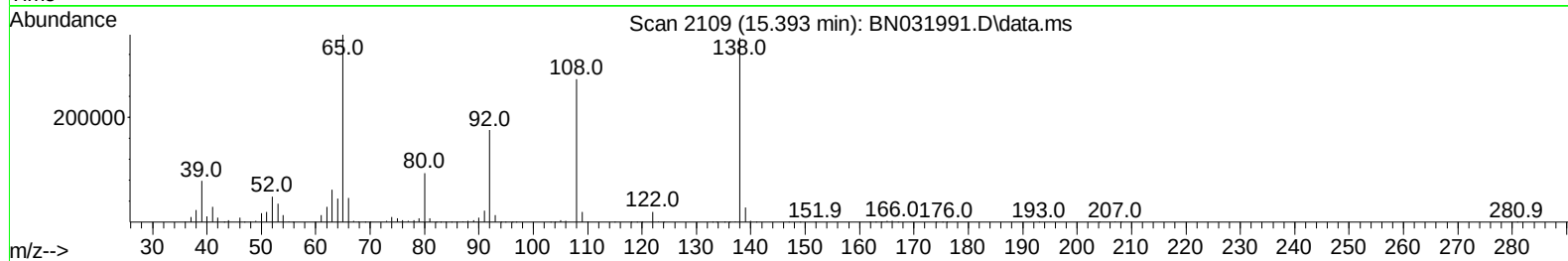
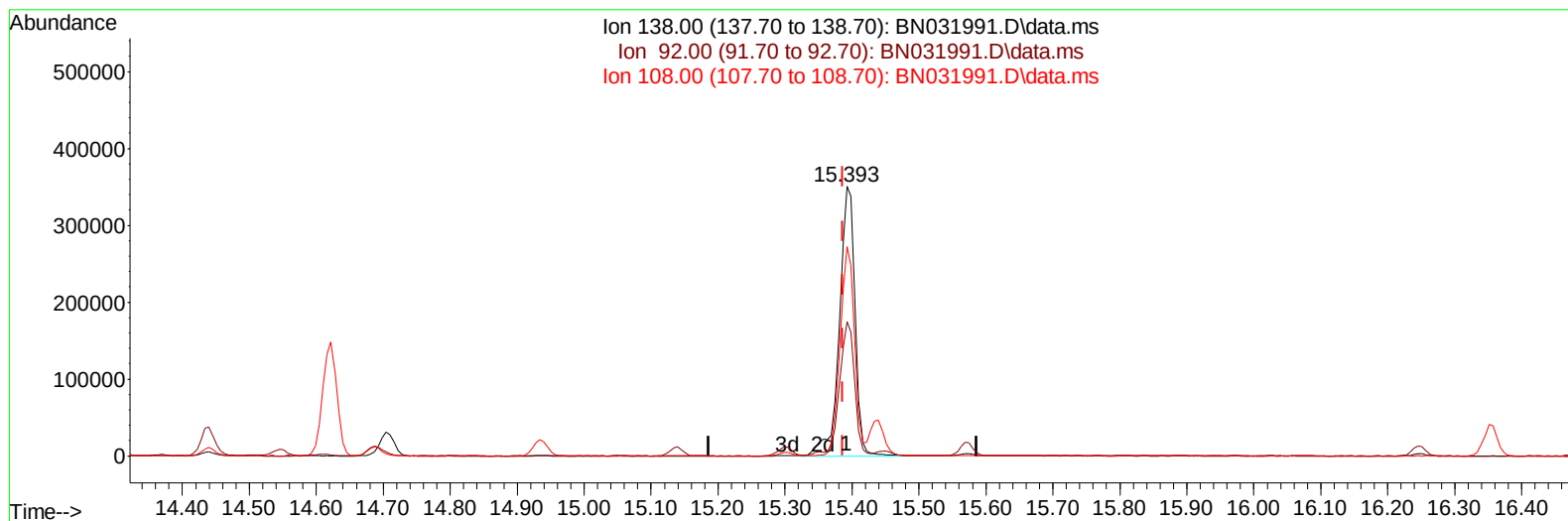
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Data File : BN031991.D
Acq On : 14 Jun 2024 00:10
Operator : MA/JU
Sample : PB161396BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031991.D\data.ms

(63) 4-Nitroaniline

15.393min (+ 0.006) 41.76 ng/ul m

response 571920

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	49.94
108.00	75.10	77.73
0.00	0.00	0.00

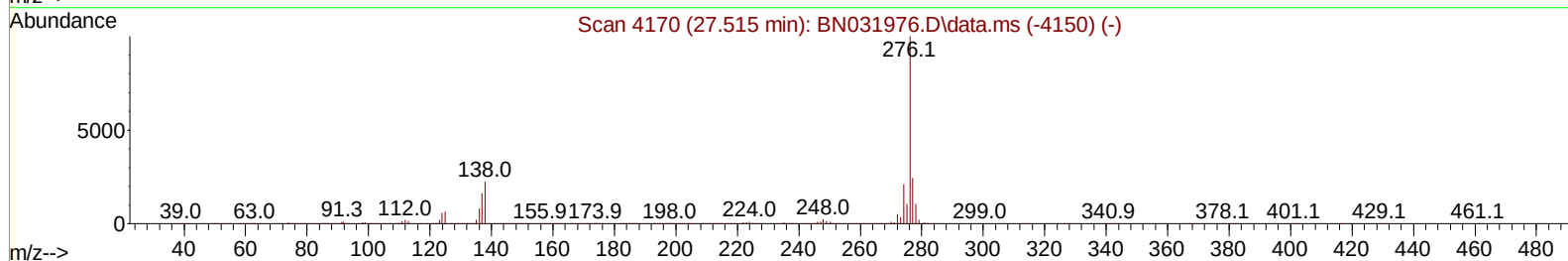
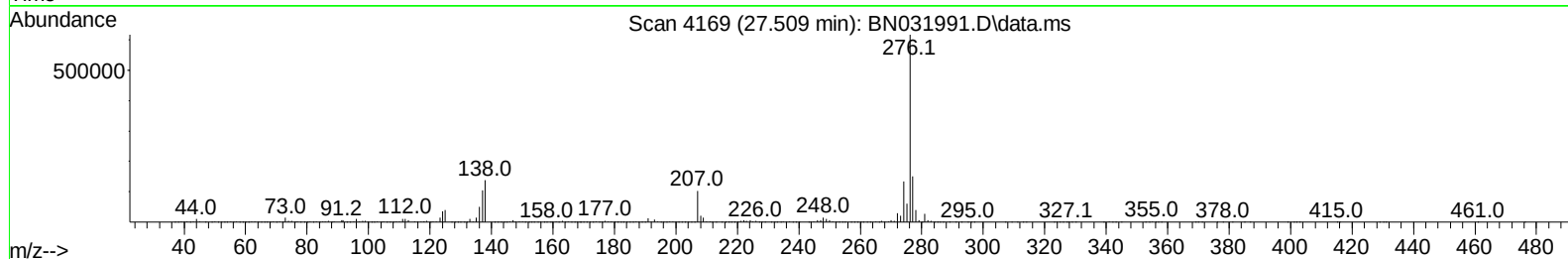
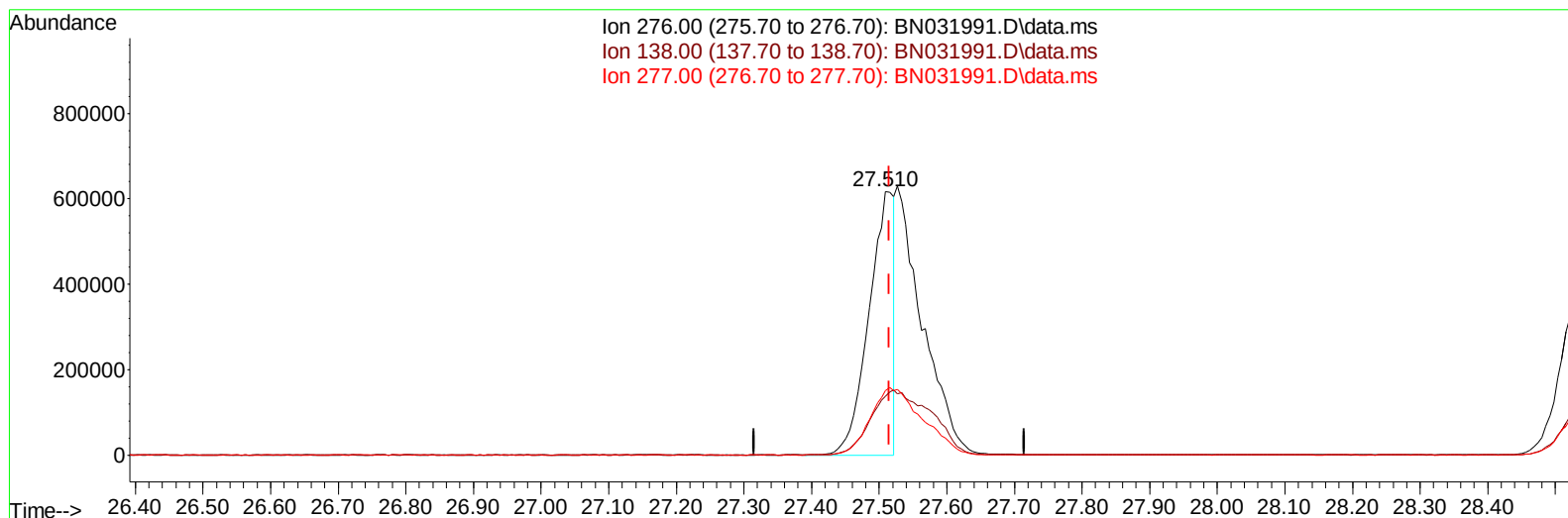
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Data File : BN031991.D
Acq On : 14 Jun 2024 00:10
Operator : MA/JU
Sample : PB161396BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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QLast Update : Tue Jun 11 22:28:10 2024
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TIC: BN031991.D\data.ms

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

27.509min (-0.006) 20.16 ng/u1

response 1594120

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	22.38
277.00	22.70	24.45
0.00	0.00	0.00

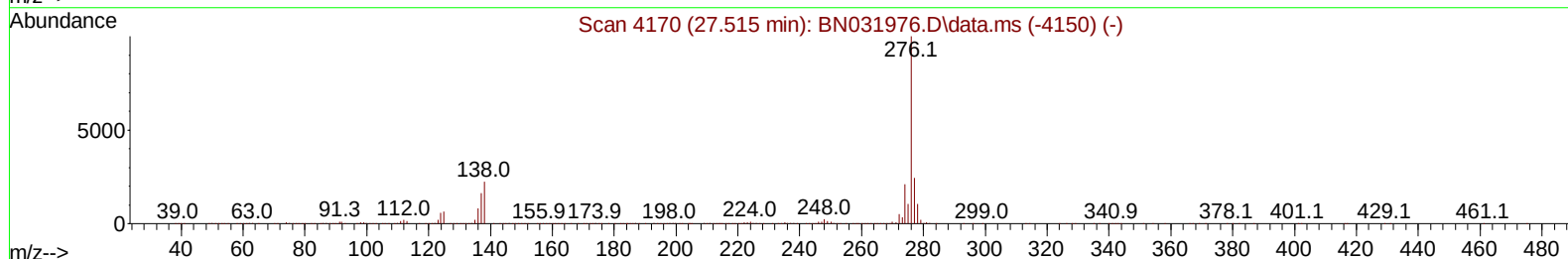
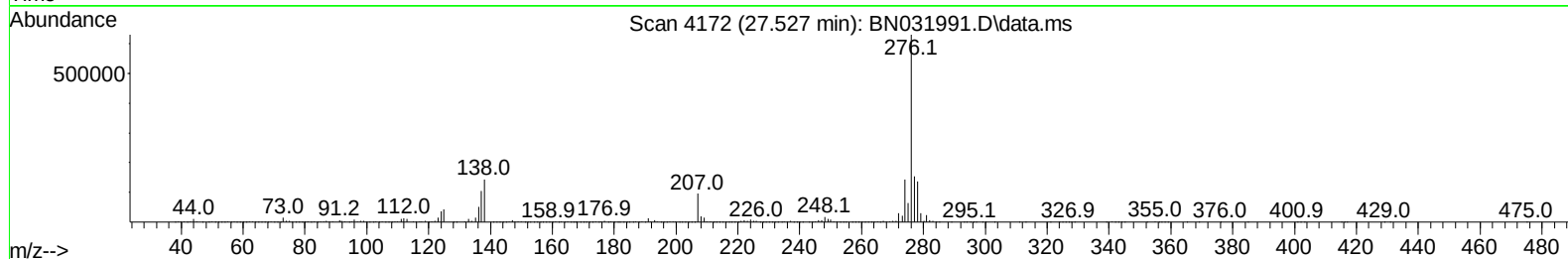
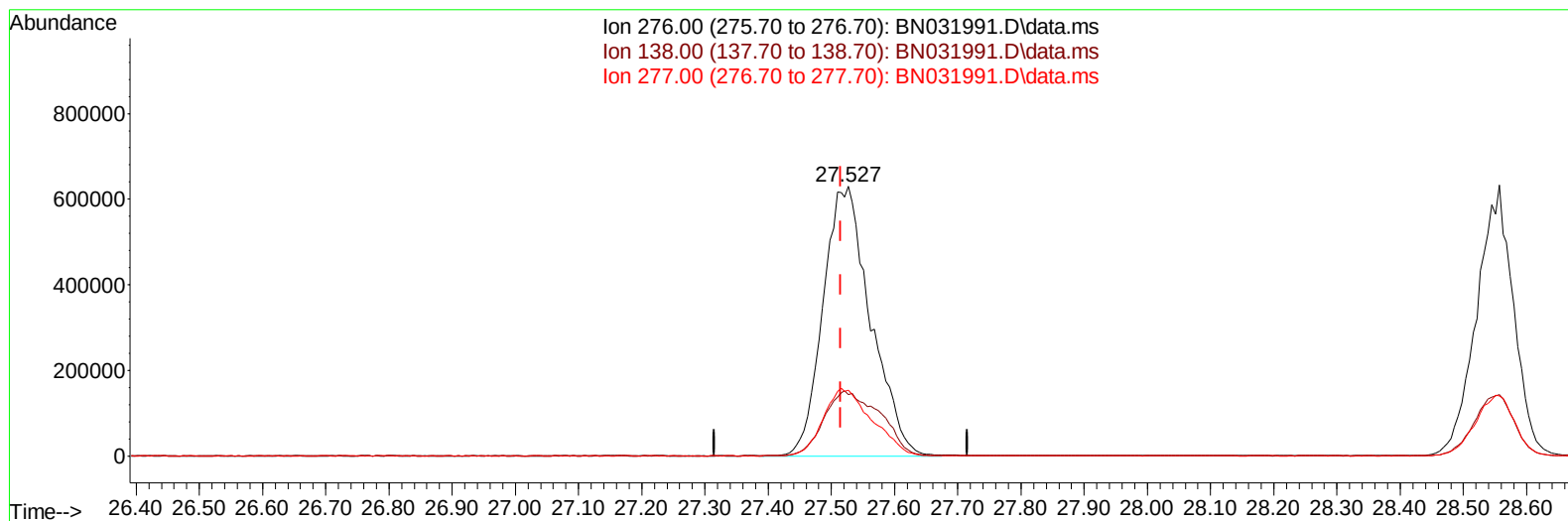
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031991.D
Acq On : 14 Jun 2024 00:10
Operator : MA/JU
Sample : PB161396BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:45:14 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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Supervised By :mohammad ahmed 06/14/2024



TIC: BN031991.D\data.ms

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

27.527min (+ 0.012) 41.61 ng/ul m

response 3290929

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	22.70
277.00	22.70	24.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031991.D
 Acq On : 14 Jun 2024 00:10
 Operator : MA/JU
 Sample : PB161396BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS396

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:47:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152		362962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136		1570595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164		950167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188		1772060	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240		1077102	20.000	ng/ul	0.00
88) Perylene-d12	24.216	264		1225903	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.176	96		49593	5.653	ng/uL	0.00
4) Pyridine-d5	3.581	84		721612	29.219	ng/ul	0.00
7) Phenol-d5	6.840	99		1001751	32.194	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67		557771	30.646	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132		822971	34.663	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113		816938	32.208	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128		412810	34.376	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143		454805	36.663	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165		796545	34.395	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131		1074454	31.248	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166		2222879	33.581	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160		2559273	33.624	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143		397581	29.998	ng/ul	0.01
60) Fluorene-d10	15.298	176		1826693	32.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200		288305	32.368	ng/ul	0.00
73) Anthracene-d10	17.157	188		2506695	33.041	ng/ul	0.00
81) Pyrene-d10	19.451	212		2334866	40.509	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.016	264		2070889	35.377	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.211	88		114518	12.199	ng/uL	99
5) Pyridine	3.599	79		713118	28.878	ng/ul	99
6) Benzaldehyde	6.811	77		402201	27.558	ng/ul	99
8) Phenol	6.864	94		1145865	36.185	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.093	93		891605	34.050	ng/ul	99
12) 2-Chlorophenol	7.228	128		917338	36.922	ng/ul	98
13) 2-Methylphenol	8.105	108		866526	35.429	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45		1018574m	33.792	ng/ul	
16) Acetophenone	8.487	105		1342299	34.920	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.475	70		656407	32.954	ng/ul	96
18) 4-Methylphenol	8.440	108		952451	35.924	ng/ul	97
19) Hexachloroethane	8.722	117		355194	33.760	ng/ul	96
22) Nitrobenzene	8.858	77		1009555	35.285	ng/ul	99
23) Isophorone	9.387	82		1931850	32.915	ng/ul	98
25) 2-Nitrophenol	9.563	139		538693	39.747	ng/ul	96
26) 2,4-Dimethylphenol	9.628	107		841150	31.904	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93		1210336	33.089	ng/ul	100
29) 2,4-Dichlorophenol	10.099	162		871955	38.132	ng/ul	97
30) Naphthalene	10.493	128		2864183	35.237	ng/ul	99
32) 4-Chloroaniline	10.610	127		1029113	30.827	ng/ul	98
33) Hexachlorobutadiene	10.763	225		513954	37.423	ng/ul	99
34) Caprolactam	11.410	113		263229m	29.492	ng/ul	
35) 4-Chloro-3-methylphenol	11.746	107		980118	36.670	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	1981633	35.666	ng/ul	97
37) 1-Methylnaphthalene	12.328	142	2035635	36.515	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.481	216	1003432	39.932	ng/ul	96
40) Hexachlorocyclopentadiene	12.451	237	226335	15.628	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	678272	39.767	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	752115	40.579	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	2512767	37.598	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1979277	37.812	ng/ul	98
45) 2-Nitroaniline	13.393	65	592566	39.052	ng/ul	94
47) Dimethylphthalate	13.769	163	2448395	36.167	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	532993	39.609	ng/ul	97
50) Acenaphthylene	14.028	152	3135549	36.452	ng/ul	100
51) 3-Nitroaniline	14.228	138	578573	40.214	ng/ul	92
52) Acenaphthene	14.369	153	2056418	36.131	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	212869	31.335	ng/ul	97
55) 4-Nitrophenol	14.545	109	337732	34.351	ng/ul	94
56) Dibenzofuran	14.704	168	2831884	36.622	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	732255	37.086	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.934	232	590541	38.091	ng/ul	98
59) Diethylphthalate	15.140	149	2467760	35.327	ng/ul	99
61) Fluorene	15.357	166	2192275	35.206	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	1076332	35.687	ng/ul	97
63) 4-Nitroaniline	15.393	138	571920m	41.757	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	340808	35.992	ng/ul	96
67) N-Nitrosodiphenylamine	15.569	169	1976647	40.468	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	704167	41.012	ng/ul	98
69) Hexachlorobenzene	16.357	284	752494	38.669	ng/ul	97
70) Atrazine	16.528	200	566598	36.739	ng/ul	99
71) Pentachlorophenol	16.704	266	431948	34.694	ng/ul	99
72) Phenanthrene	17.098	178	3264473	36.163	ng/ul	98
74) Anthracene	17.187	178	3207217	35.063	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	1038183	45.517	ng/uL	94
76) Pentachlorobenzene	14.622	250	882289	39.714	ng/uL	97
77) Carbazole	17.463	167	2894484	37.111	ng/ul	99
78) Di-n-butylphthalate	18.028	149	4135267	38.538	ng/ul	100
80) Fluoranthene	19.116	202	3213148	46.646	ng/ul	99
82) Pyrene	19.481	202	3170014	44.854	ng/ul	97
83) Butylbenzylphthalate	20.386	149	1477369	44.258	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	835706	40.460	ng/ul	94
85) Benzo(a)anthracene	21.269	228	2794214	38.757	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.192	149	2079736	42.741	ng/ul	98
87) Chrysene	21.333	228	2586159	38.403	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3336399	40.652	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	2743817	37.445	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2673550	37.183	ng/ul	98
93) Benzo(a)pyrene	24.086	252	2305696	33.597	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.527	276	3290929m	41.614	ng/ul	
95) Dibenzo(a,h)anthracene	27.580	278	2660915	41.213	ng/ul	96
96) Benzo(g,h,i)perylene	28.557	276	2562518	40.762	ng/ul	96

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

Instrument :

BNA_N

ClientSampleId :

SLCS396

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

