

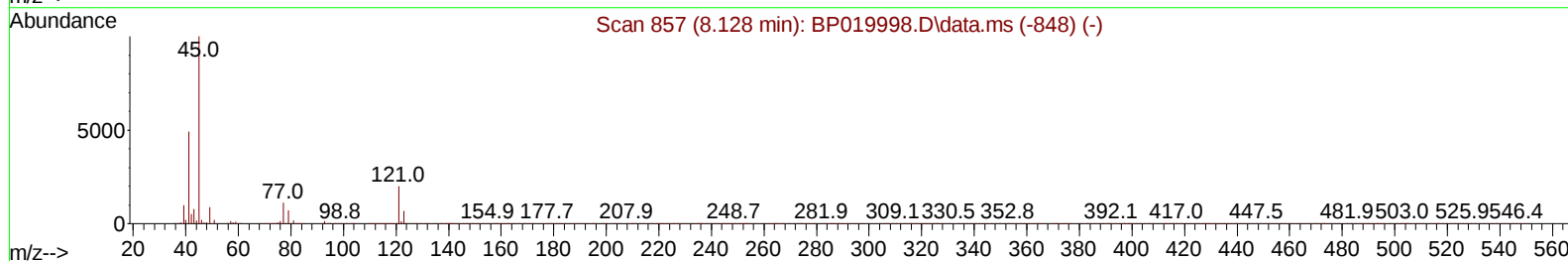
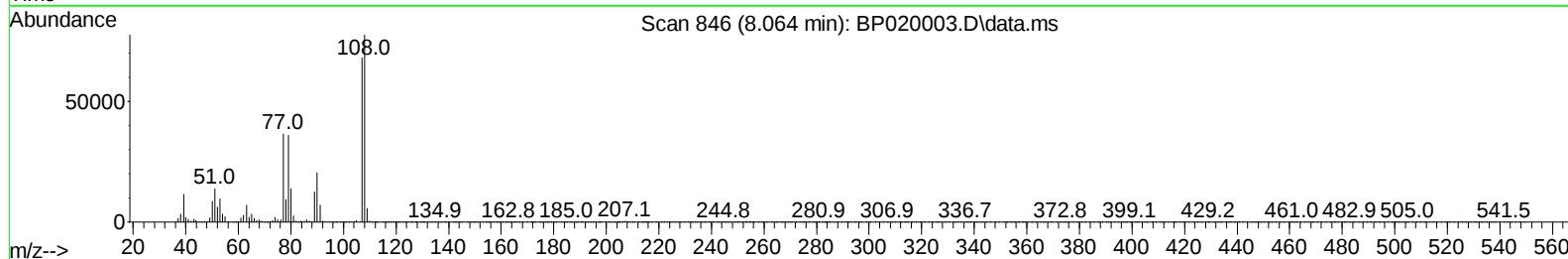
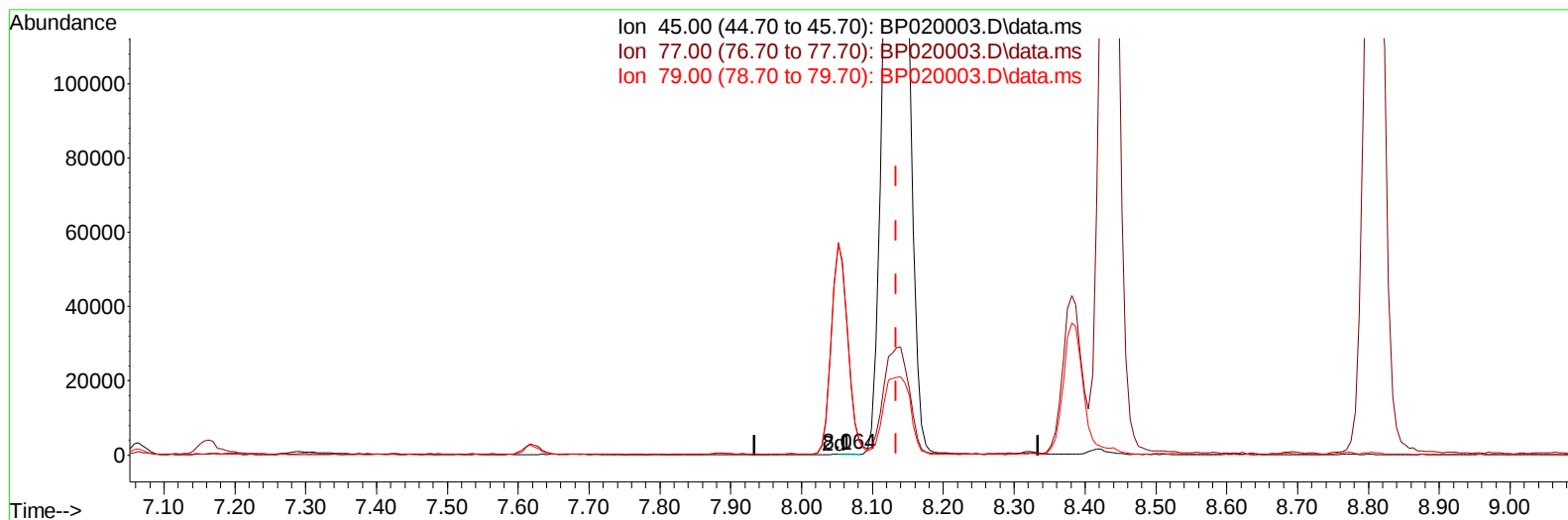
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP020003.D
 Acq On : 26 Mar 2024 19:09
 Operator : MA/JU
 Sample : P1848-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0LY4MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 26 23:27:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024



TIC: BP020003.D\data.ms

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

8.064min (-0.071) 0.02 ng/u1

response 227

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	11351.55#
79.00	11.70	11224.84#
0.00	0.00	0.00

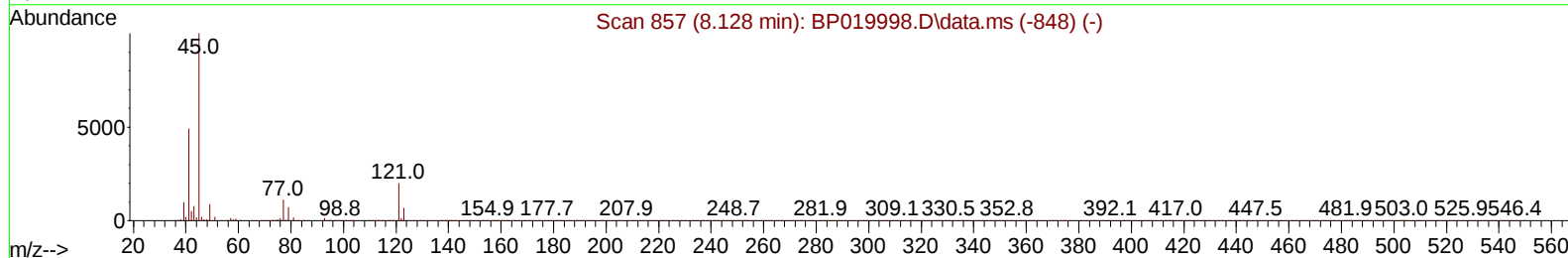
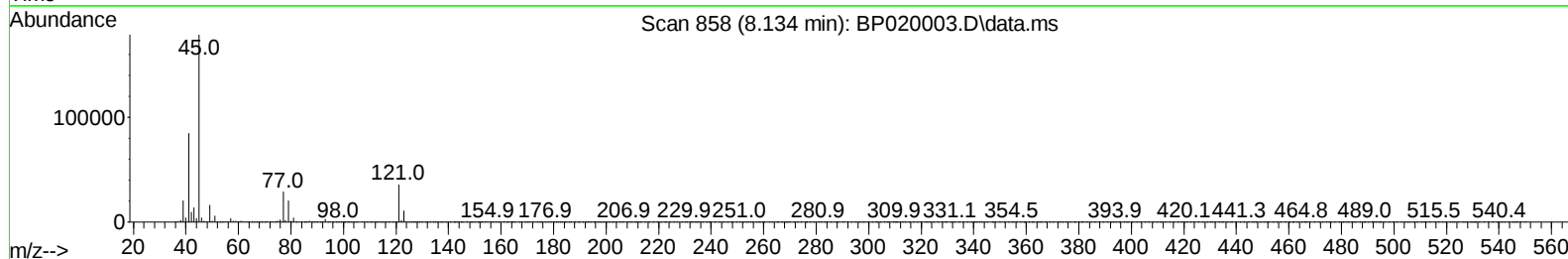
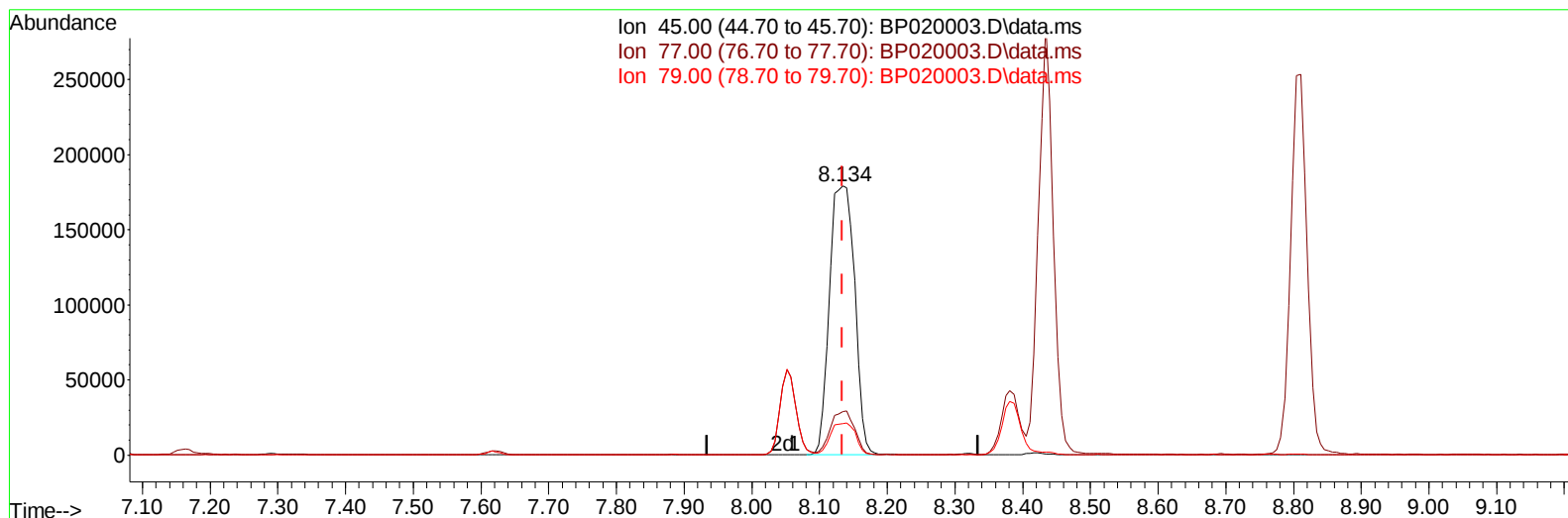
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 Data File : BP020003.D
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TIC: BP020003.D\data.ms

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

8.134min (-0.000) 45.37 ng/ul m

response 463184

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	16.15
79.00	11.70	11.69
0.00	0.00	0.00

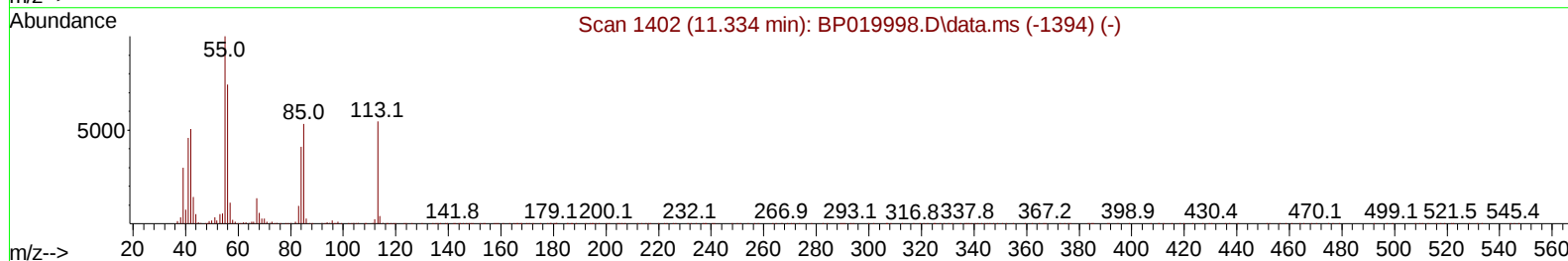
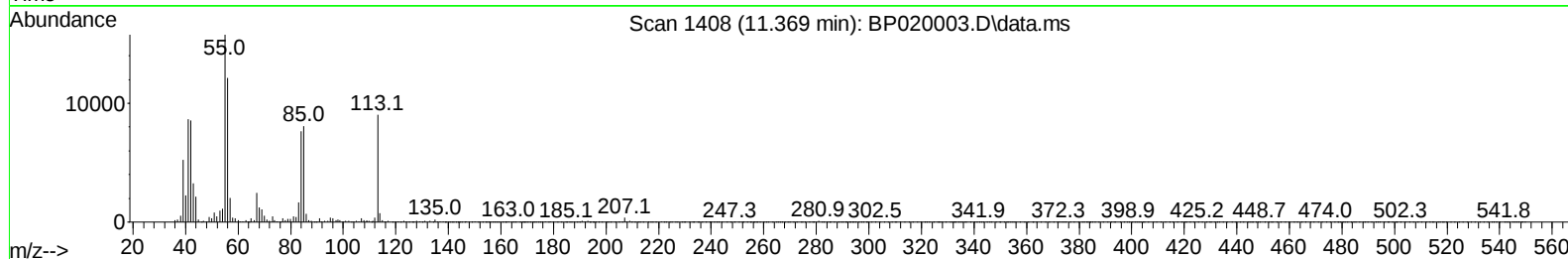
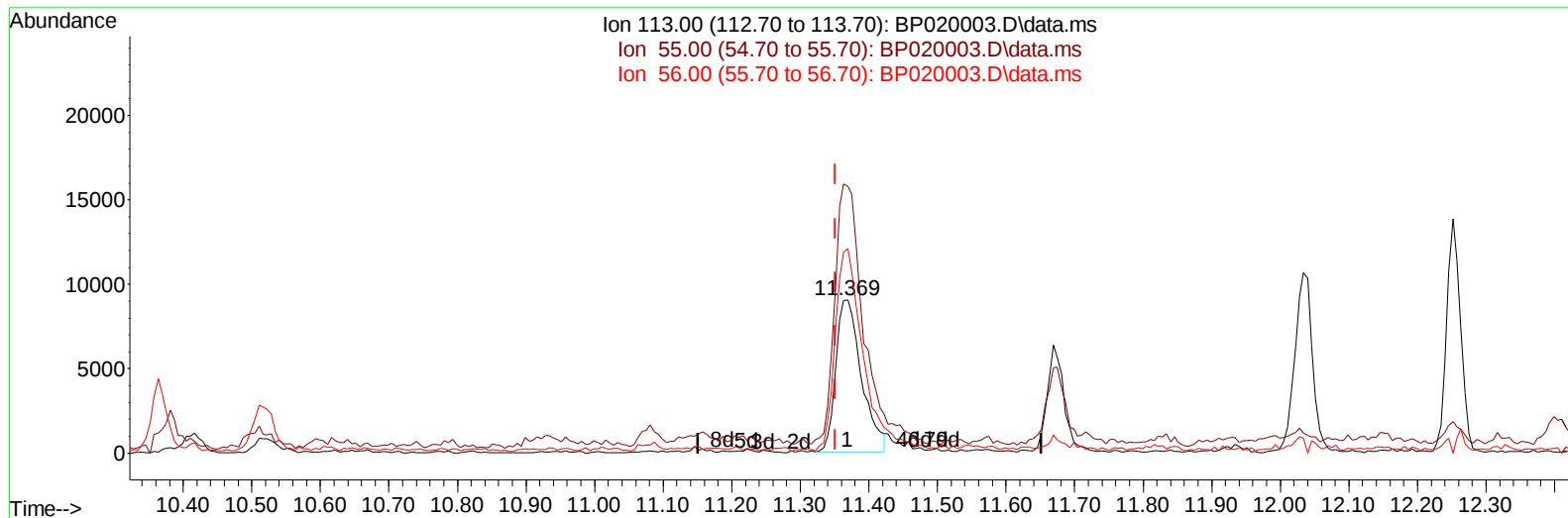
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP020003.D\data.ms

(34) Caprolactam

11.369min (+ 0.018) 10.66 ng/ul

response 23314

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	174.05
56.00	143.30	133.71
0.00	0.00	0.00

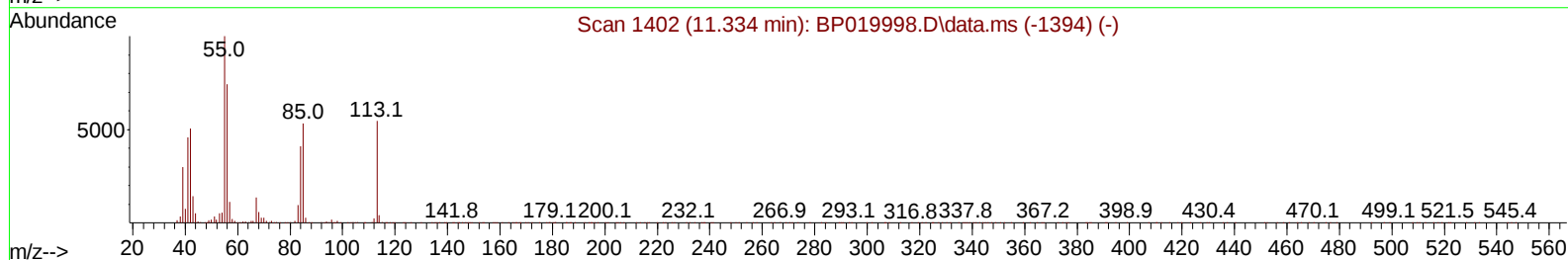
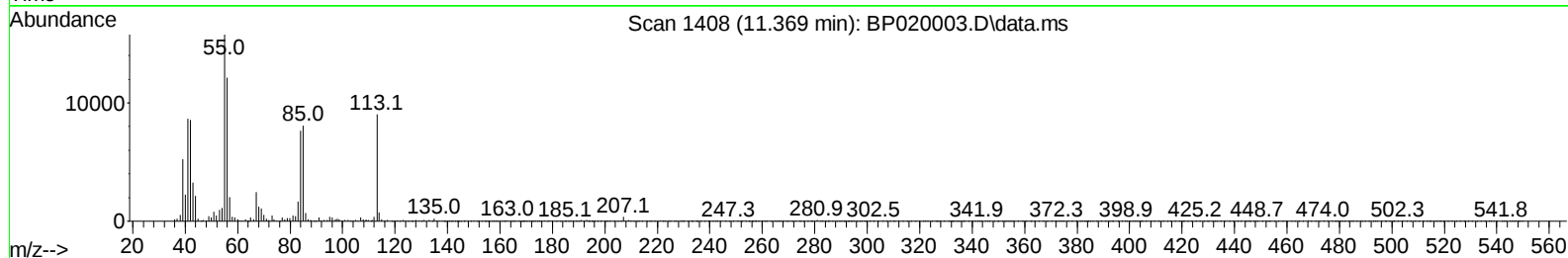
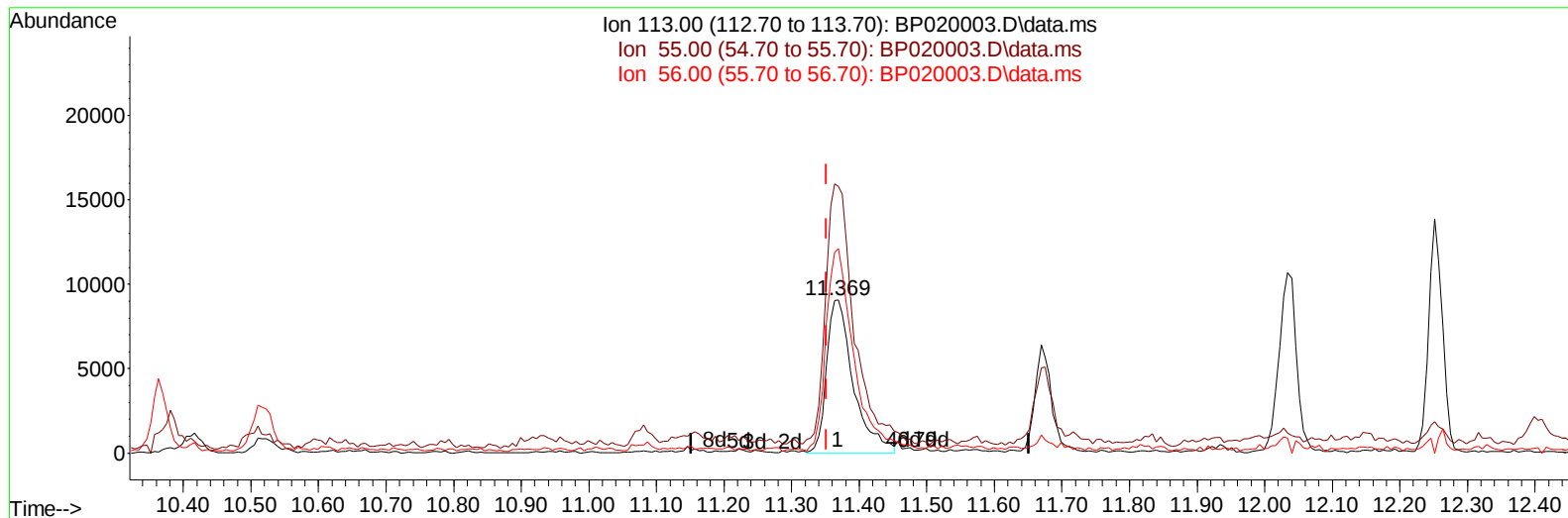
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



TIC: BP020003.D\data.ms

(34) Caprolactam

11.369min (+ 0.018) 11.43 ng/ul m

response 24993

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	174.05
56.00	143.30	133.71
0.00	0.00	0.00

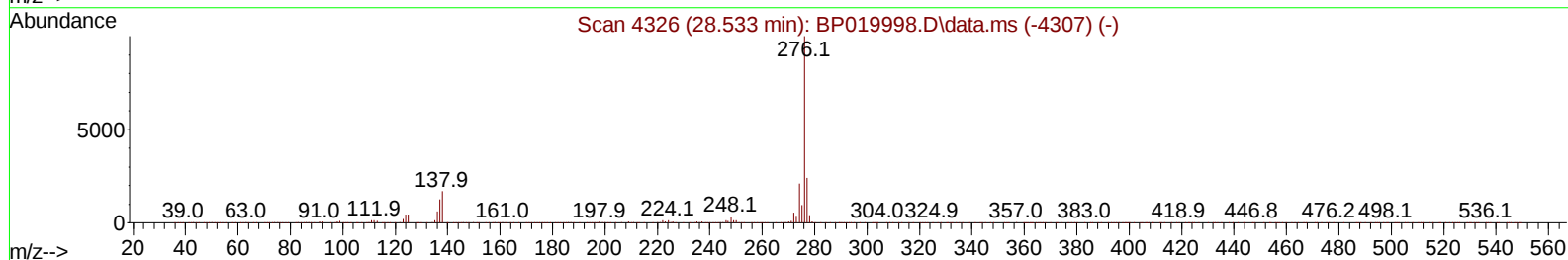
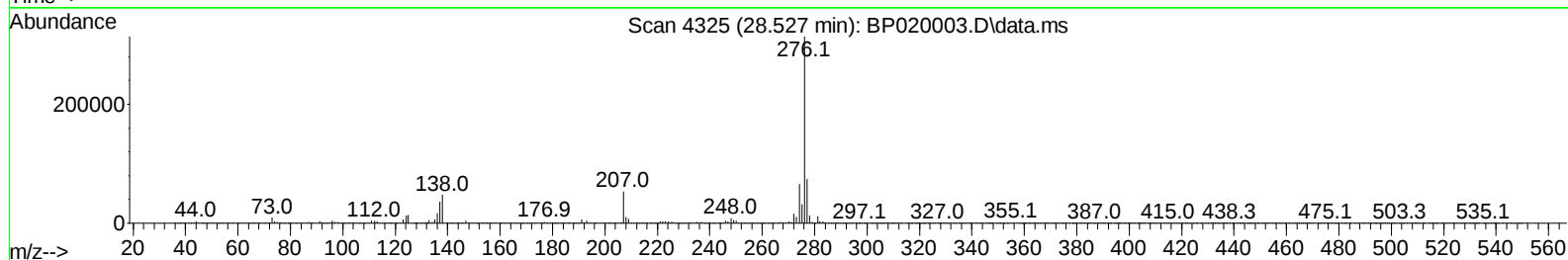
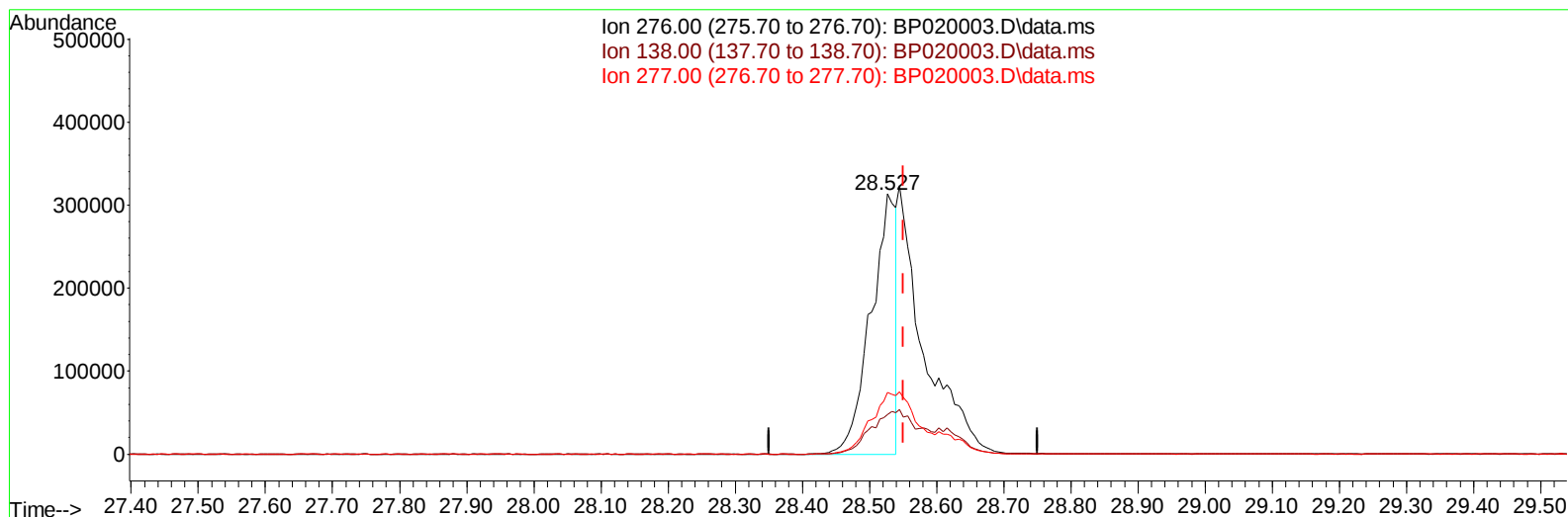
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
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Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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TIC: BP020003.D\data.ms

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

28.527min (-0.024) 24.43 ng/u1

response 812442

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	15.24
277.00	24.40	23.71
0.00	0.00	0.00

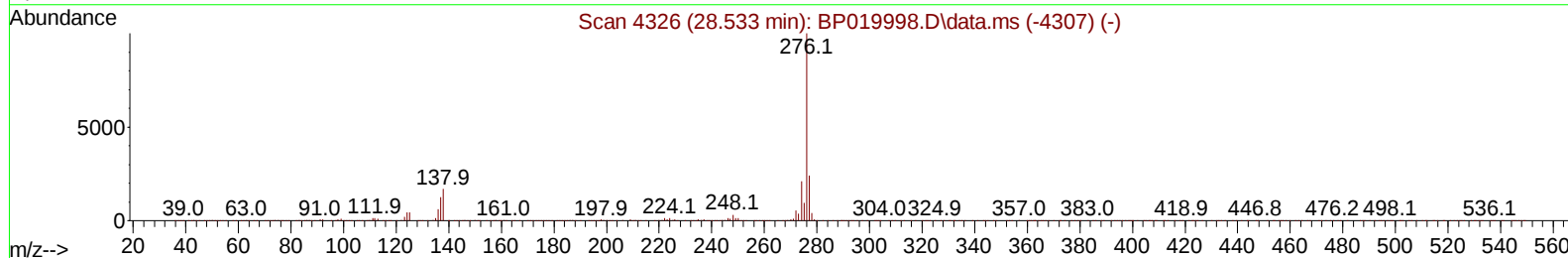
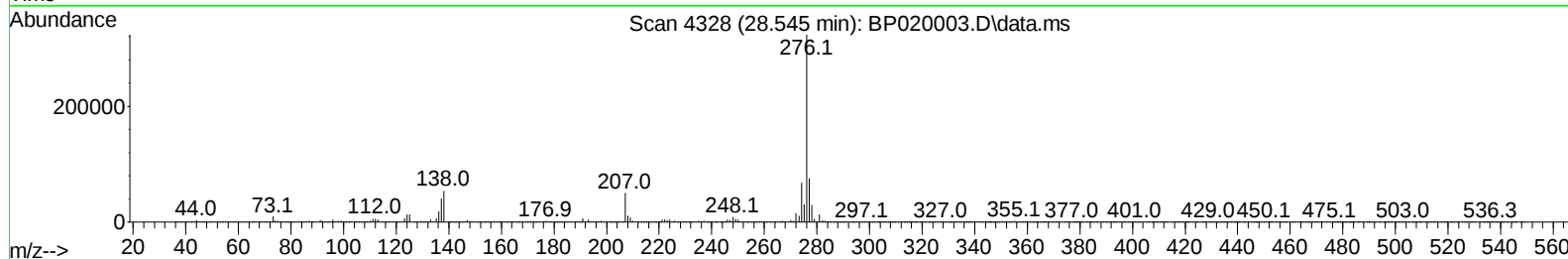
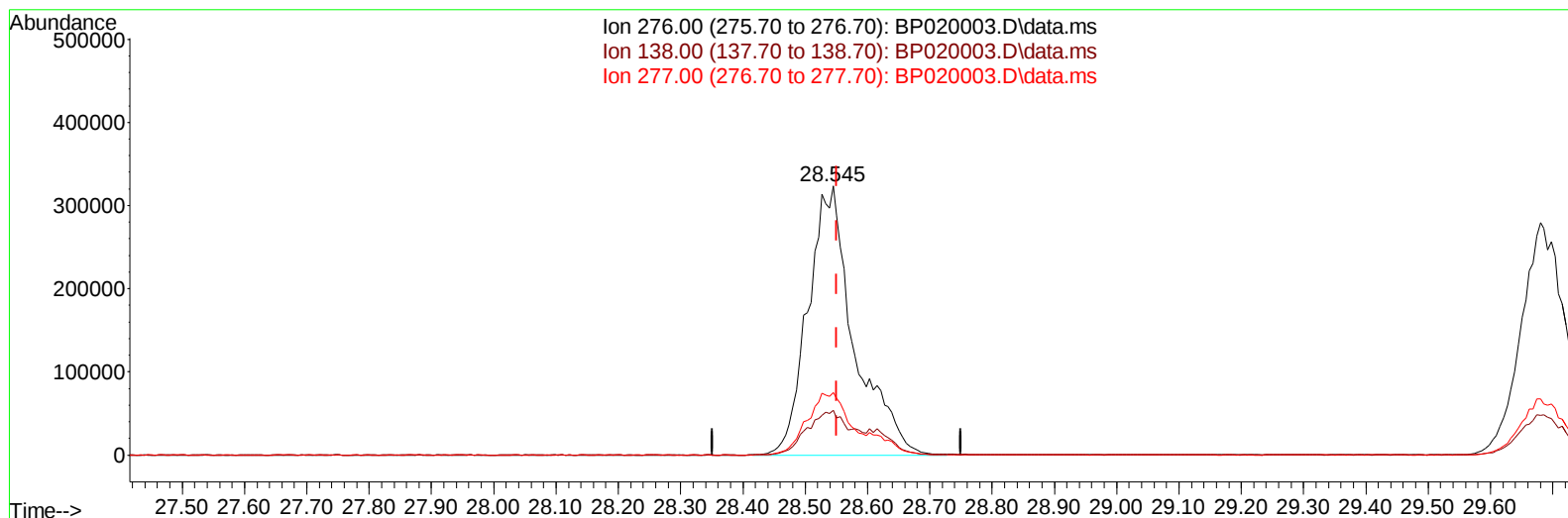
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Data File : BP020003.D
Acq On : 26 Mar 2024 19:09
Operator : MA/JU
Sample : P1848-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0LY4MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 26 23:27:57 2024
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Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



TIC: BP020003.D\data.ms

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

28.545min (-0.006) 50.05 ng/ul m

response 1664255

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.76
277.00	24.40	23.32
0.00	0.00	0.00

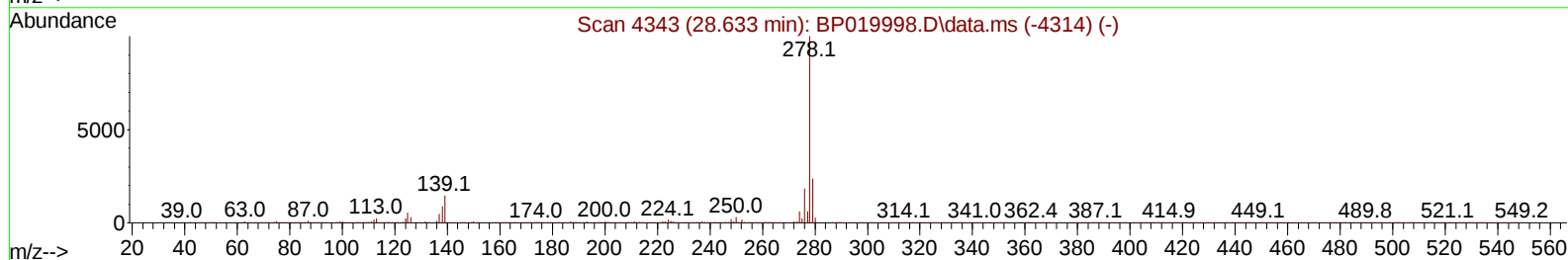
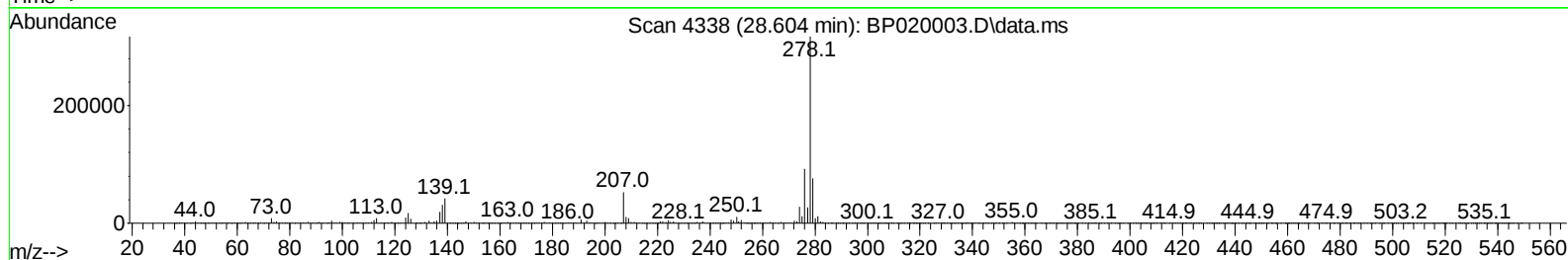
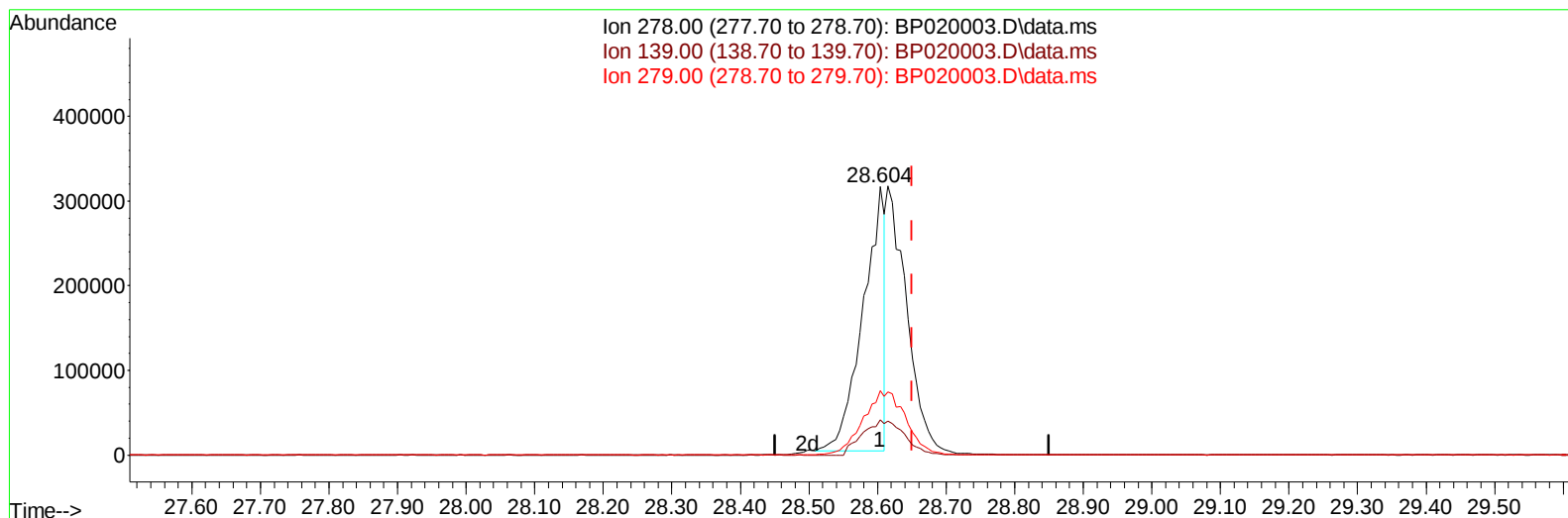
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
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Instrument :
 BNA_P
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024



TIC: BP020003.D\data.ms

(95) Dibenzo(a,h)anthracene

28.604min (-0.047) 25.46 ng/u1

response 688718

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.30	13.25
279.00	24.60	24.05
0.00	0.00	0.00

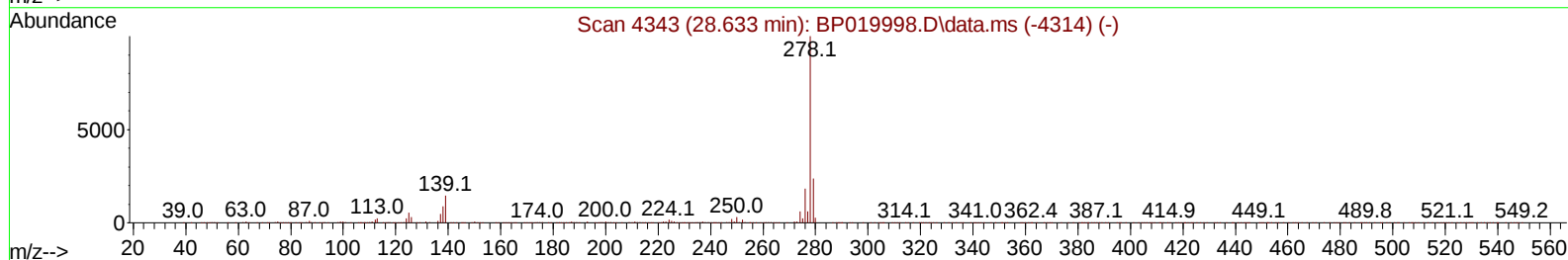
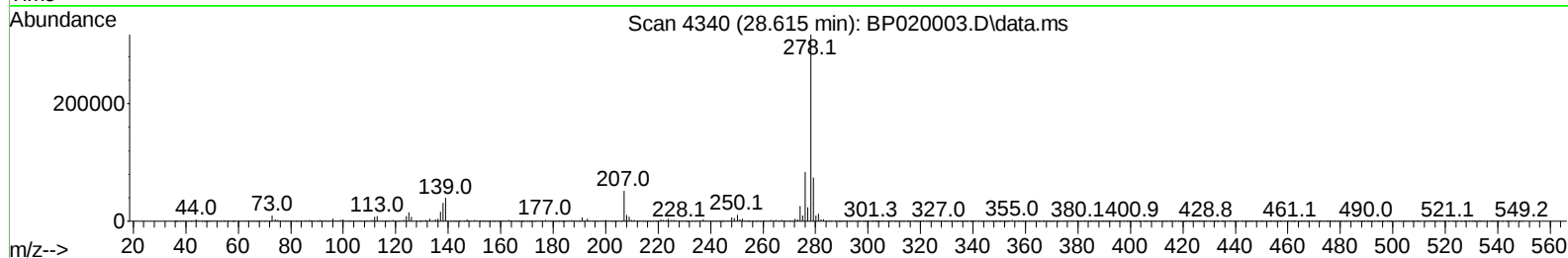
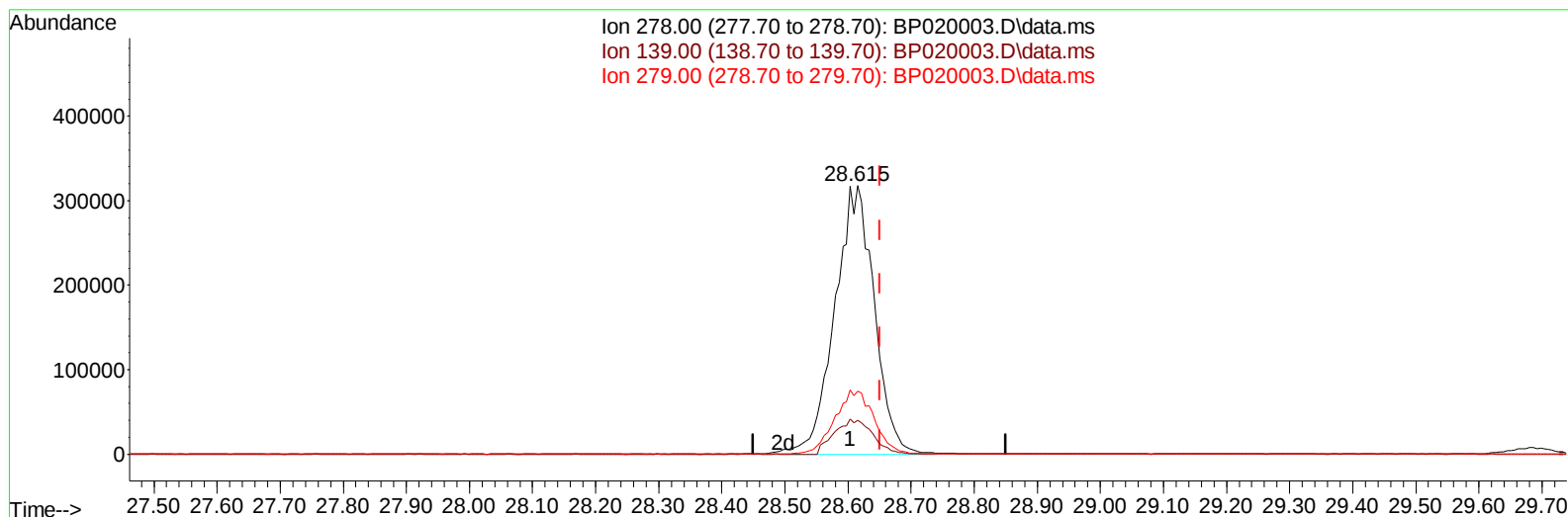
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
Data File : BP020003.D
Acq On : 26 Mar 2024 19:09
Operator : MA/JU
Sample : P1848-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0LY4MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 26 23:27:57 2024
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QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



TIC: BP020003.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (-0.035) 51.09 ng/ul m

response 1381853

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.30	12.53
279.00	24.60	23.45
0.00	0.00	0.00

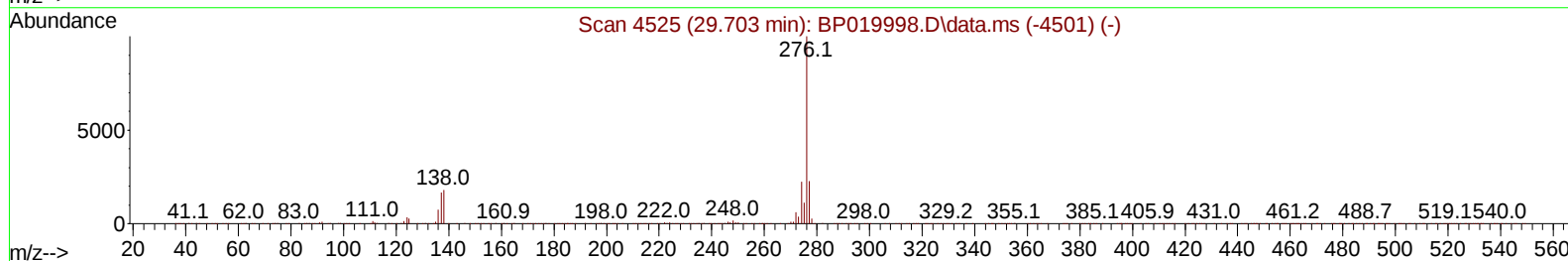
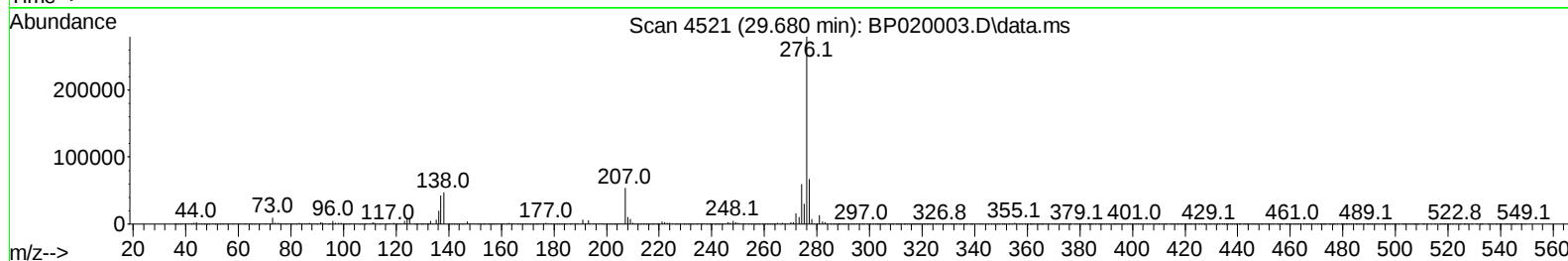
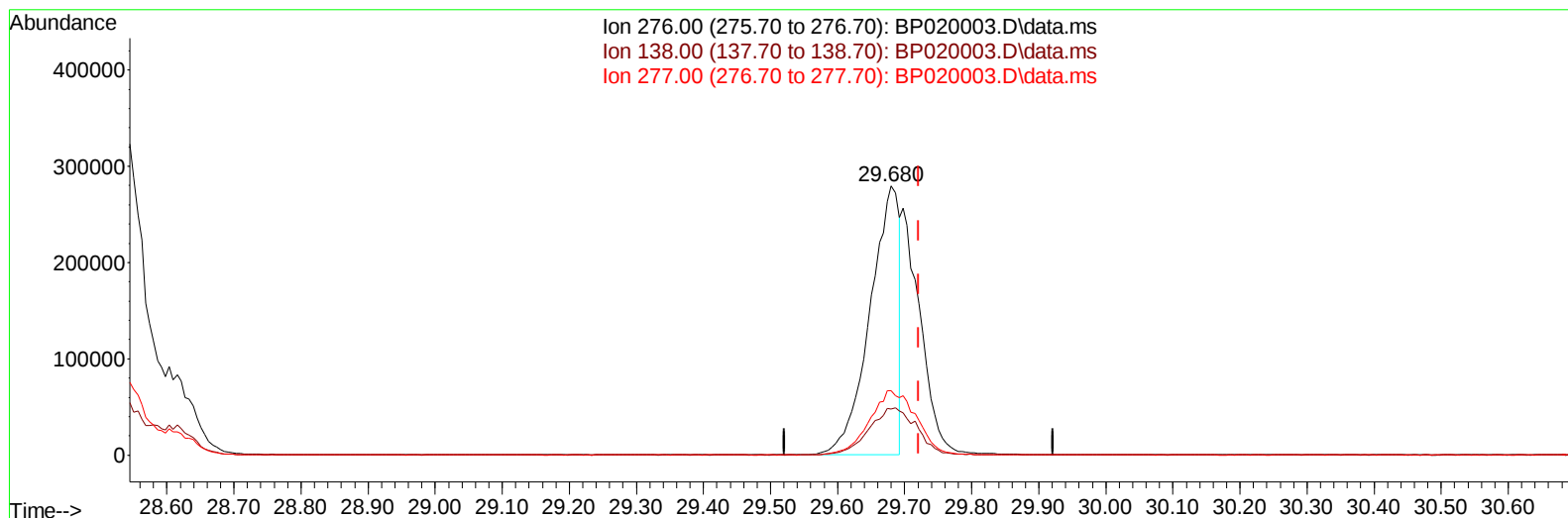
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TIC: BP020003.D\data.ms

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

29.680min (-0.041) 31.40 ng/u1

response 843371

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	17.07
277.00	23.50	24.06
0.00	0.00	0.00

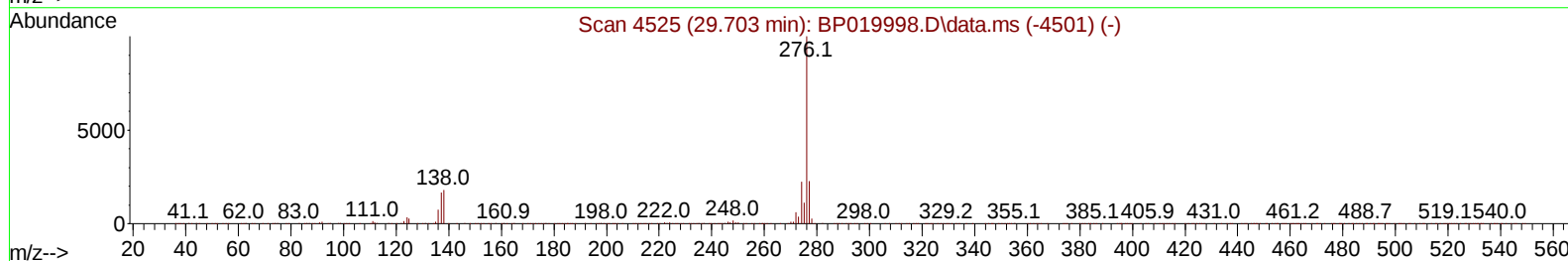
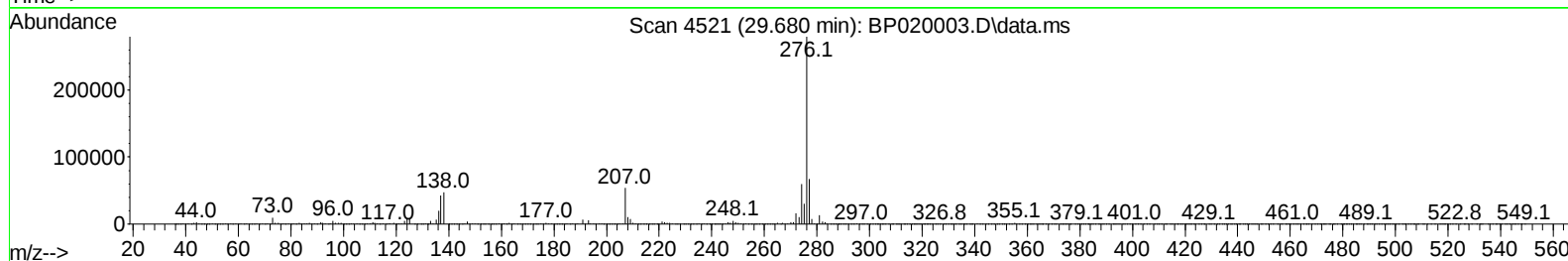
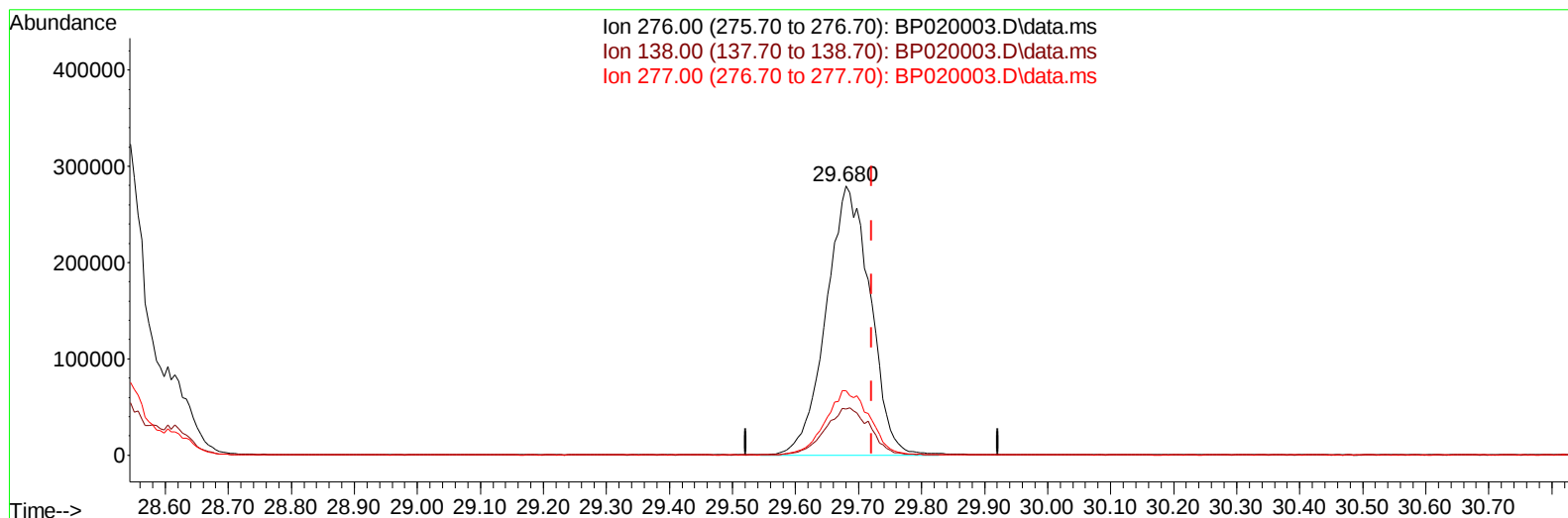
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TIC: BP020003.D\data.ms

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

29.680min (-0.041) 50.36 ng/ul m

response 1352588

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	17.07
277.00	23.50	24.06
0.00	0.00	0.00

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Instrument :
 BNA_P
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Manual IntegrationsAPPROVED

Quant Time: Mar 26 23:37:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	103978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.363	136	459200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	317769	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.069	188	677309	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	512344	20.000	ng/ul	0.00
88) Perylene-d12	24.810	264	465548	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13951	5.879	ng/uL	0.00
4) Pyridine-d5	3.640	84	91885	12.823	ng/ul	0.00
7) Phenol-d5	6.811	99	91854	10.474	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	247420	43.305	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	210088	33.359	ng/ul	0.01
15) 4-Methylphenol-d8	8.322	113	170796	25.174	ng/ul	0.02
21) Nitrobenzene-d5	8.769	128	146121	41.516	ng/ul	0.01
24) 2-Nitrophenol-d4	9.475	143	157076	39.887	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	282201	39.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	426457	45.486	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	1118528	50.204	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	1129603	43.403	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	45738	13.058	ng/ul	0.02
60) Fluorene-d10	15.275	176	920994	48.527	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	210989	52.041	ng/ul	-0.01
73) Anthracene-d10	17.187	188	1503302	50.140	ng/ul	0.02
81) Pyrene-d10	19.569	212	1715528	57.070	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1180109	52.764	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	18046	6.664	ng/ul#	97
5) Pyridine	3.658	79	142645	19.530	ng/ul	99
6) Benzaldehyde	6.793	77	266791	61.524	ng/ul	98
8) Phenol	6.834	94	107002	11.671	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.064	93	322171	43.390	ng/ul	99
12) 2-Chlorophenol	7.193	128	227115	34.219	ng/ul	98
13) 2-Methylphenol	8.052	108	195724	29.614	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	463184m	45.367	ng/ul	
16) Acetophenone	8.434	105	517801	47.315	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	293338	48.057	ng/ul	98
18) 4-Methylphenol	8.381	108	183682	25.821	ng/ul	100
19) Hexachloroethane	8.663	117	127672	41.415	ng/ul	95
22) Nitrobenzene	8.811	77	429718	42.863	ng/ul	99
23) Isophorone	9.328	82	842071	45.060	ng/ul	98
25) 2-Nitrophenol	9.505	139	166417	40.537	ng/ul	98
26) 2,4-Dimethylphenol	9.563	107	320426	35.755	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.799	93	469915	43.003	ng/ul	98
29) 2,4-Dichlorophenol	10.022	162	276116	39.245	ng/ul	100
30) Naphthalene	10.416	128	974998	41.387	ng/ul	100
32) 4-Chloroaniline	10.540	127	389684	42.352	ng/ul	96
33) Hexachlorobutadiene	10.681	225	212814	38.383	ng/ul	99
34) Caprolactam	11.369	113	24993m	11.428	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	363317	46.486	ng/ul	96

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Instrument :
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 ClientSampleId :
 E0LY4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024

Quant Time: Mar 26 23:37:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.034	142	679674	43.332	ng/ul	100
37) 1-Methylnaphthalene	12.252	142	687605	43.833	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.404	216	413932	39.399	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	191129	32.149	ng/ul	100
41) 2,4,6-Trichlorophenol	12.657	196	280895	43.521	ng/ul	97
42) 2,4,5-Trichlorophenol	12.728	196	308750	46.250	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	926067	40.242	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	760400	40.975	ng/ul	98
45) 2-Nitroaniline	13.340	65	322796	55.220	ng/ul	99
47) Dimethylphthalate	13.716	163	1138616	50.632	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	245982	53.874	ng/ul	94
50) Acenaphthylene	13.963	152	1277468	43.892	ng/ul	99
51) 3-Nitroaniline	14.187	138	231719	55.107	ng/ul	96
52) Acenaphthene	14.316	153	853130	44.124	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	137926	53.079	ng/ul	96
55) 4-Nitrophenol	14.516	109	43658	13.583	ng/ul	93
56) Dibenzofuran	14.657	168	1214678	46.258	ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	356076	57.041	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.893	232	297185	51.912	ng/ul	97
59) Diethylphthalate	15.104	149	1173229	52.610	ng/ul	99
61) Fluorene	15.328	166	1051352	49.090	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	546143	47.610	ng/ul	98
63) 4-Nitroaniline	15.381	138	230454	64.172	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.428	198	220560	51.261	ng/ul#	98
67) N-Nitrosodiphenylamine	15.551	169	935866	50.024	ng/ul	98
68) 4-Bromophenyl-phenylether	16.240	248	357108	48.580	ng/ul	96
69) Hexachlorobenzene	16.345	284	401336	49.169	ng/ul	97
70) Atrazine	16.551	200	361130	50.382	ng/ul	98
71) Pentachlorophenol	16.716	266	252999	52.875	ng/ul	98
72) Phenanthrene	17.116	178	1743488	49.788	ng/ul	100
74) Anthracene	17.228	178	1765923	49.665	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.022	216	418369	37.886	ng/uL	98
76) Pentachlorobenzene	14.581	250	437777	42.806	ng/uL	97
77) Carbazole	17.498	167	1583802	52.090	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1945505	51.246	ng/ul	99
80) Fluoranthene	19.222	202	2010054	56.929	ng/ul	99
82) Pyrene	19.598	202	2072168	56.468	ng/ul	100
83) Butylbenzylphthalate	20.575	149	783210	52.561	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	257489	23.632	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1821767	51.382	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1047570	48.112	ng/ul	98
87) Chrysene	21.580	228	1672017	50.723	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	1549806	52.488	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1510578	55.343	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1511537	54.495	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1427947	54.085	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	1664255m	50.047	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	1381853m	51.085	ng/ul	
96) Benzo(g,h,i)perylene	29.680	276	1352588m	50.356	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

E0LY4MSD

Manual IntegrationsAPPROVED

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