

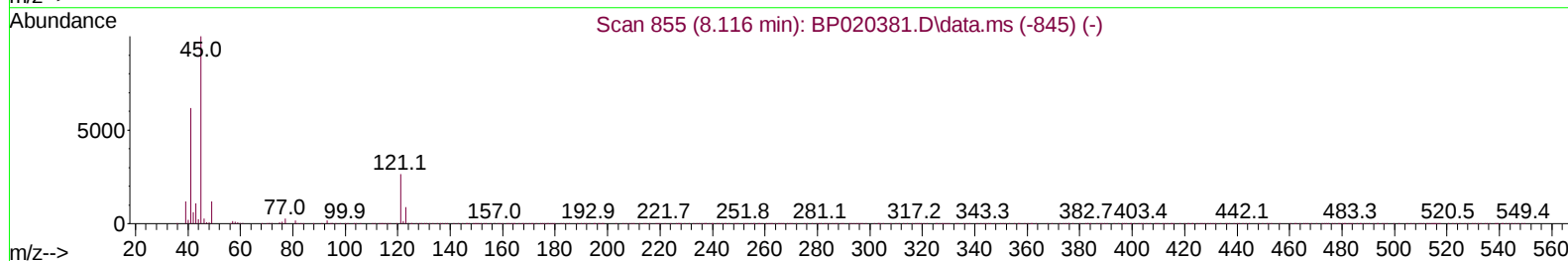
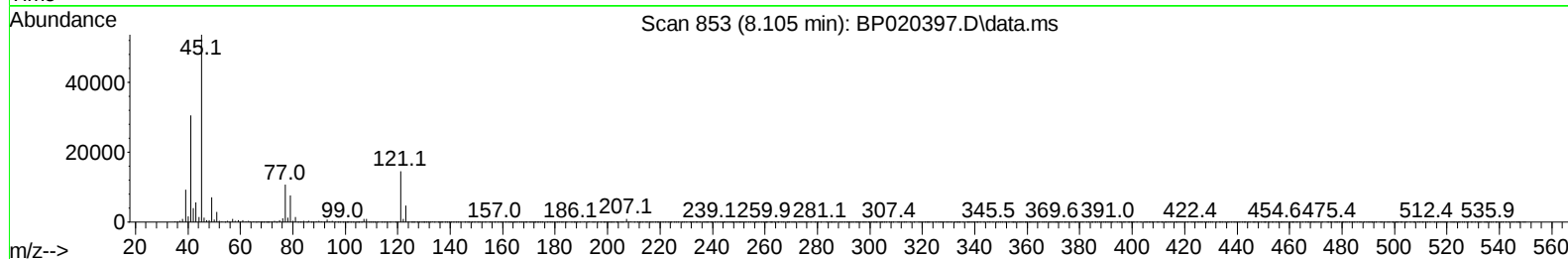
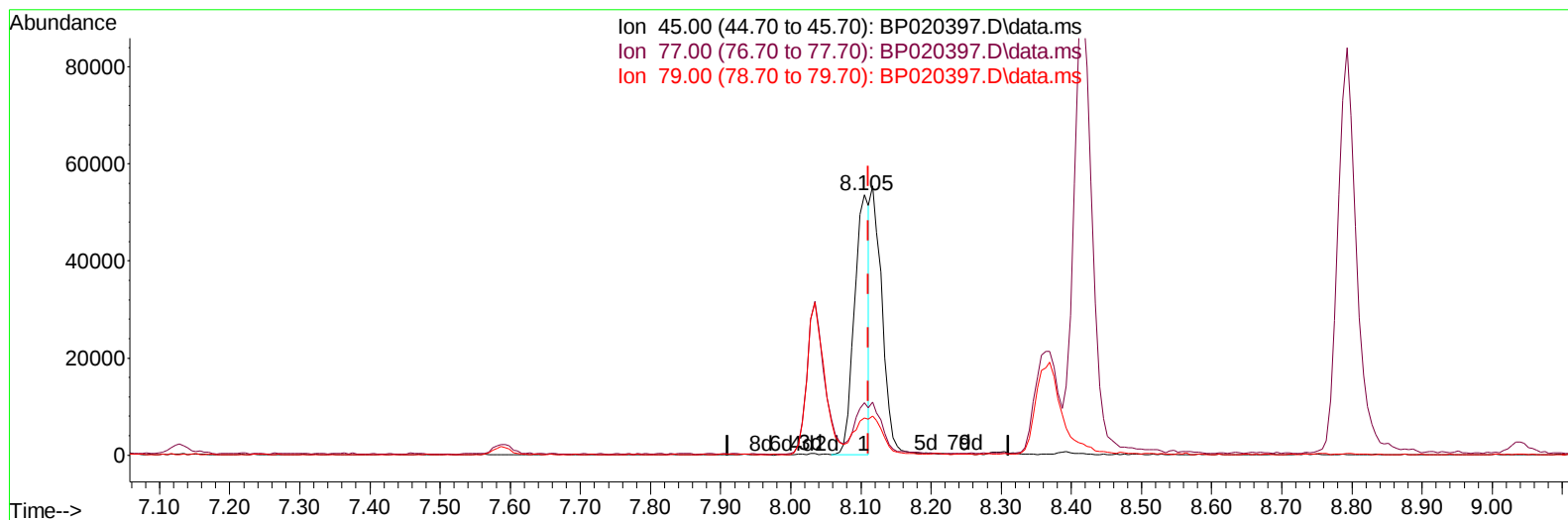
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
 Data File : BP020397.D
 Acq On : 15 May 2024 12:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 15 13:29:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024



TIC: BP020397.D\data.ms

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

8.105min (-0.006) 9.66 ng/u1

response 79070

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.30	20.02
79.00	13.60	14.25
0.00	0.00	0.00

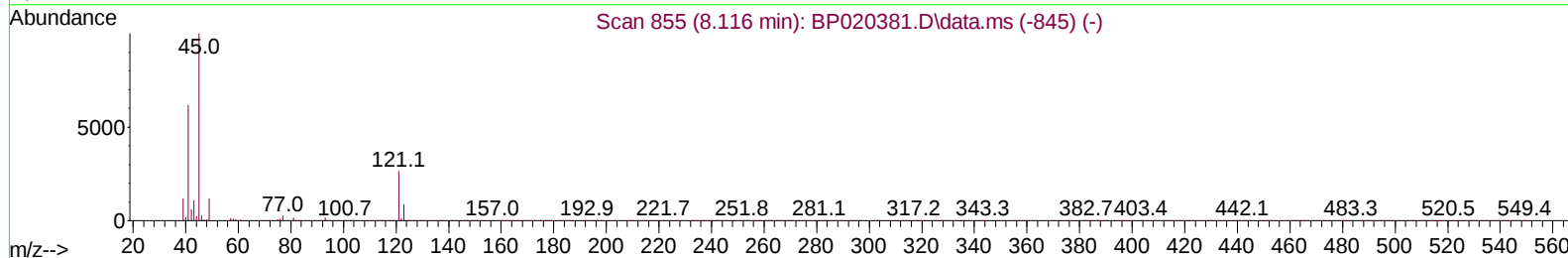
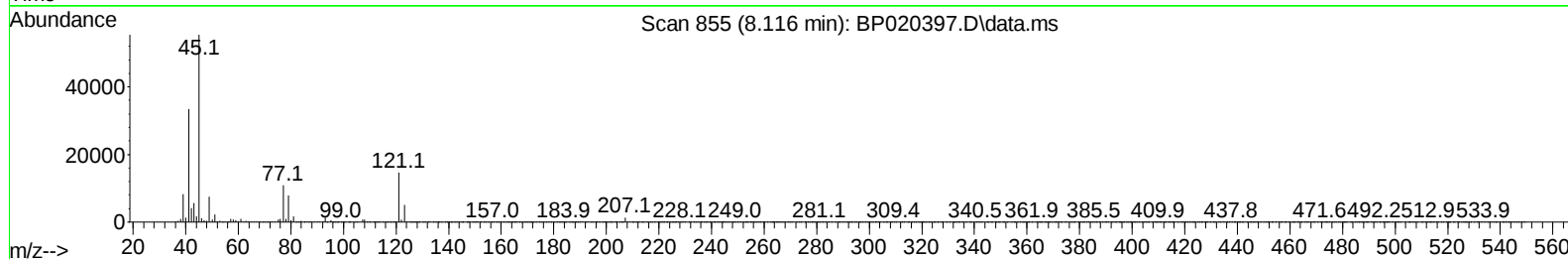
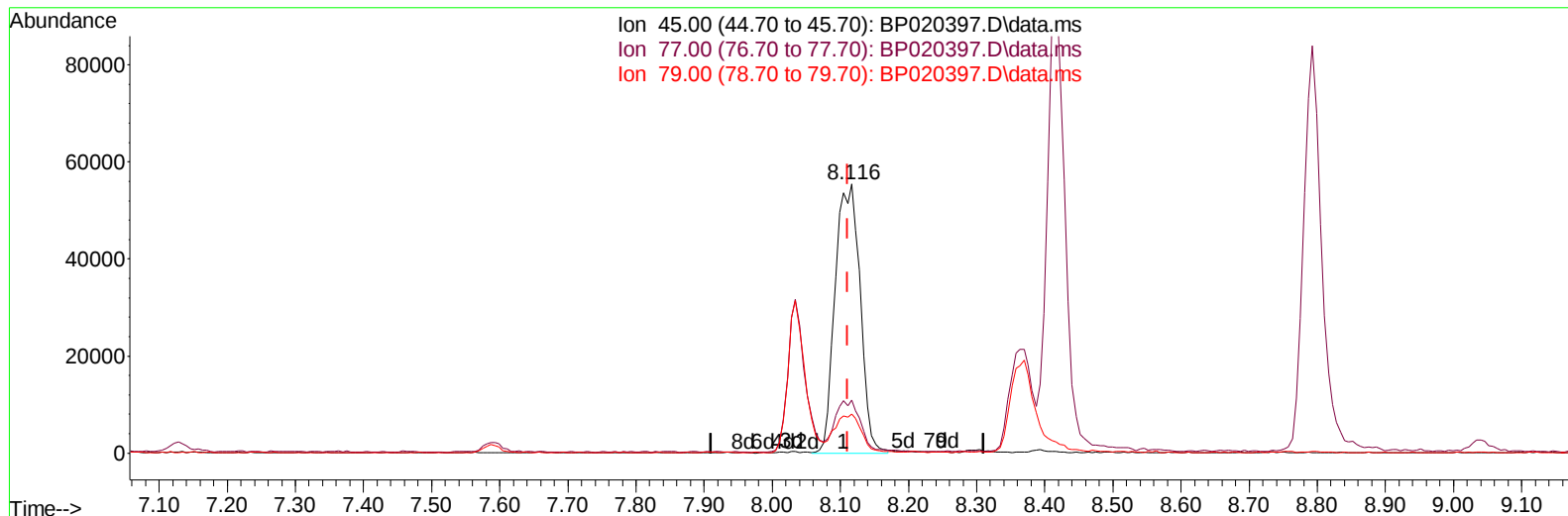
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TIC: BP020397.D\data.ms

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

8.116min (+ 0.006) 17.29 ng/ul m

response 141494

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.30	19.79
79.00	13.60	14.41
0.00	0.00	0.00

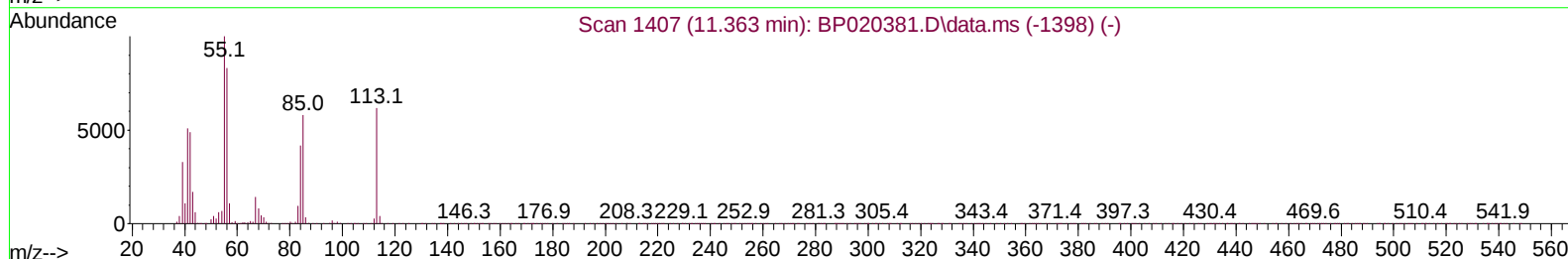
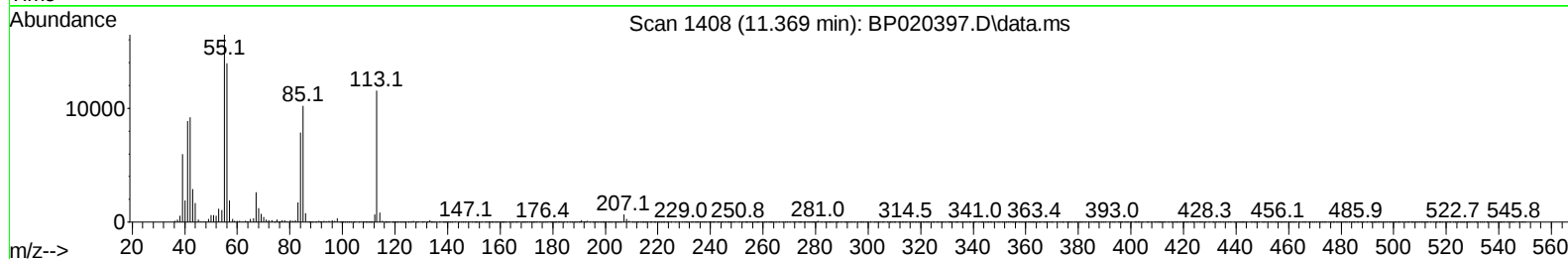
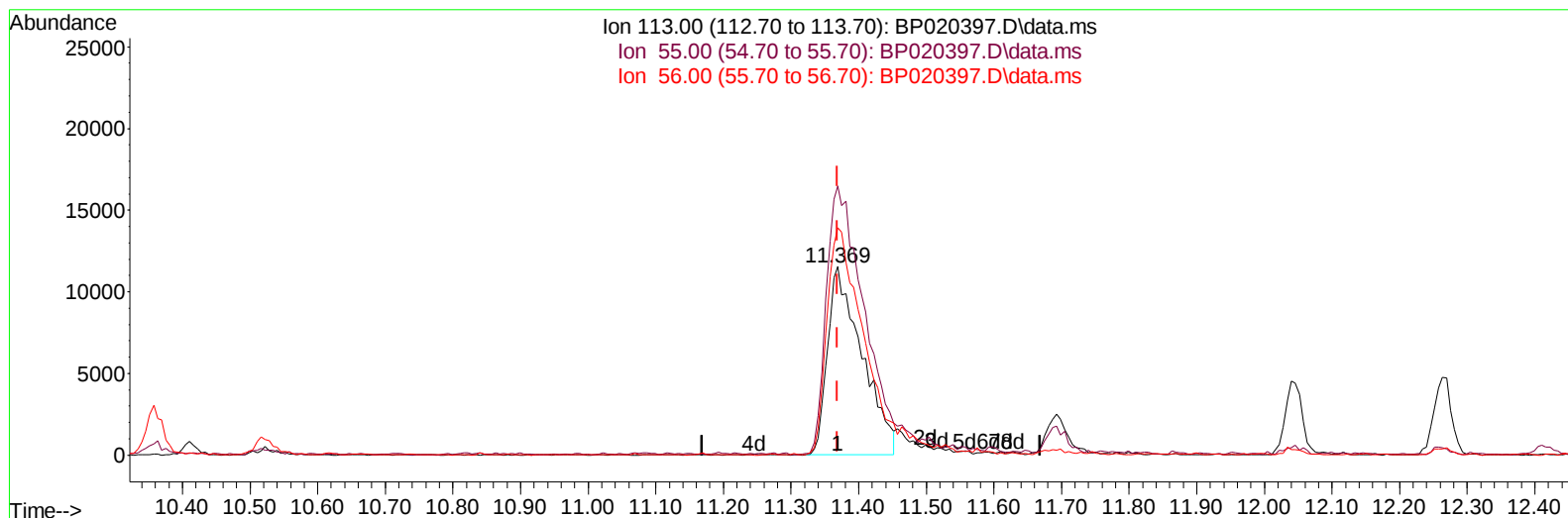
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TIC: BP020397.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 19.51 ng/ul

response 40665

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	142.65
56.00	131.80	120.71
0.00	0.00	0.00

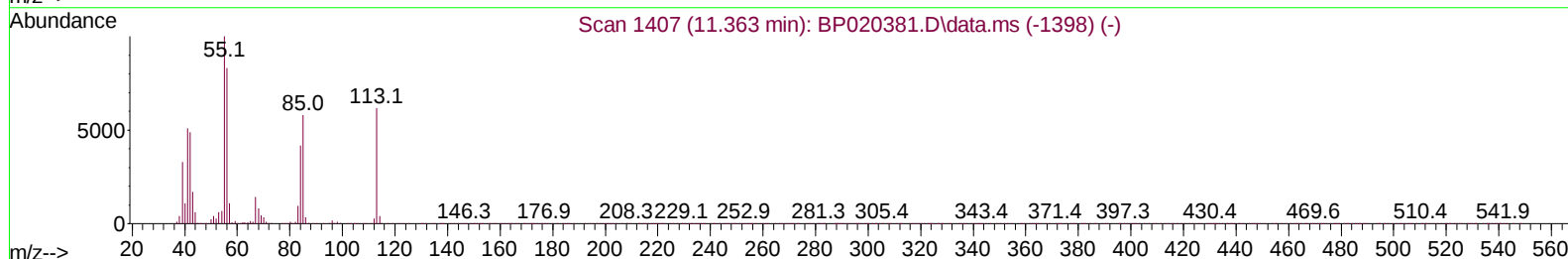
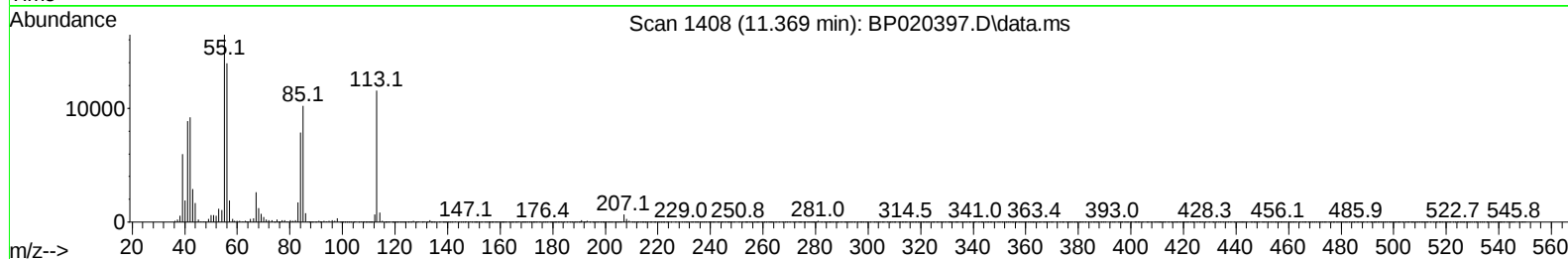
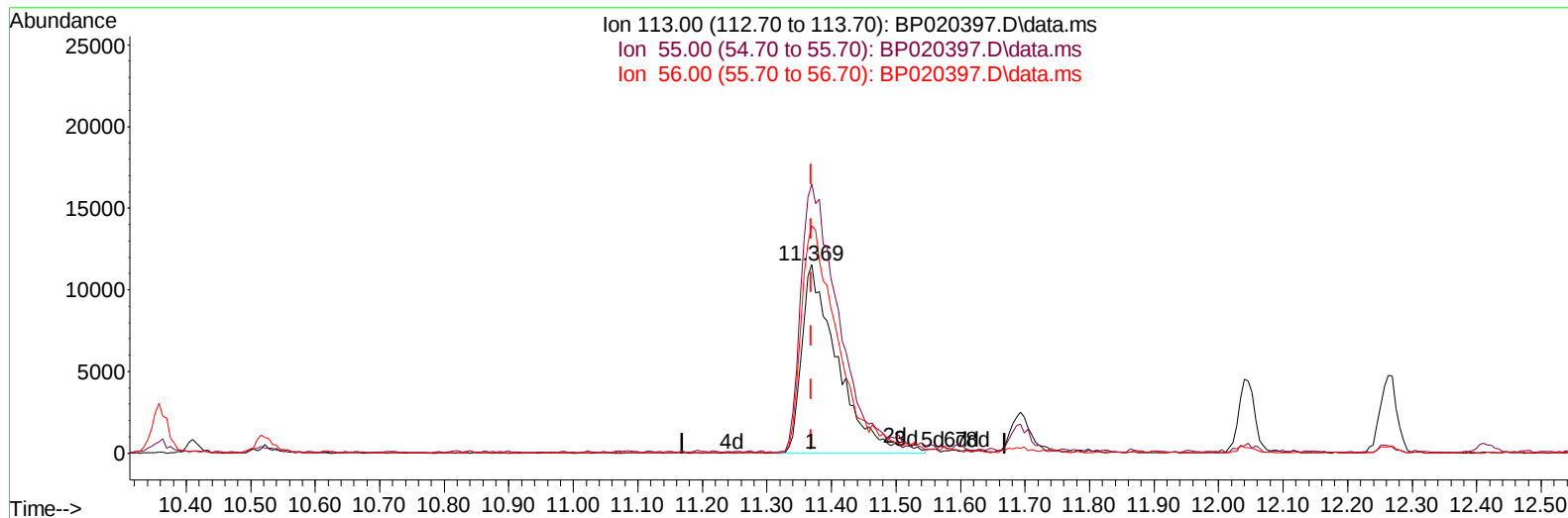
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TIC: BP020397.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 21.29 ng/ul m

response 44387

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	142.65
56.00	131.80	120.71
0.00	0.00	0.00

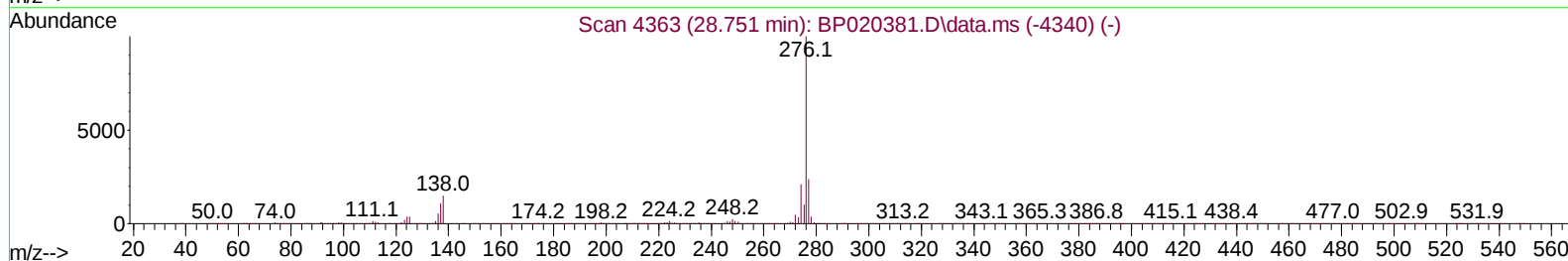
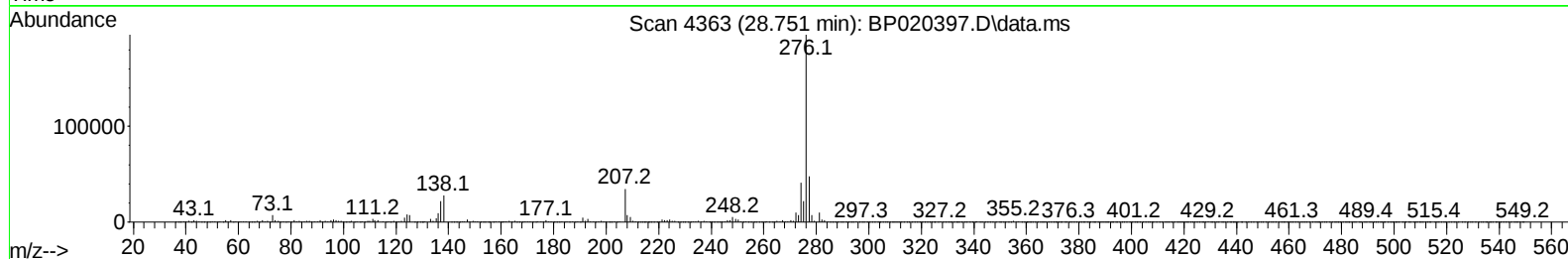
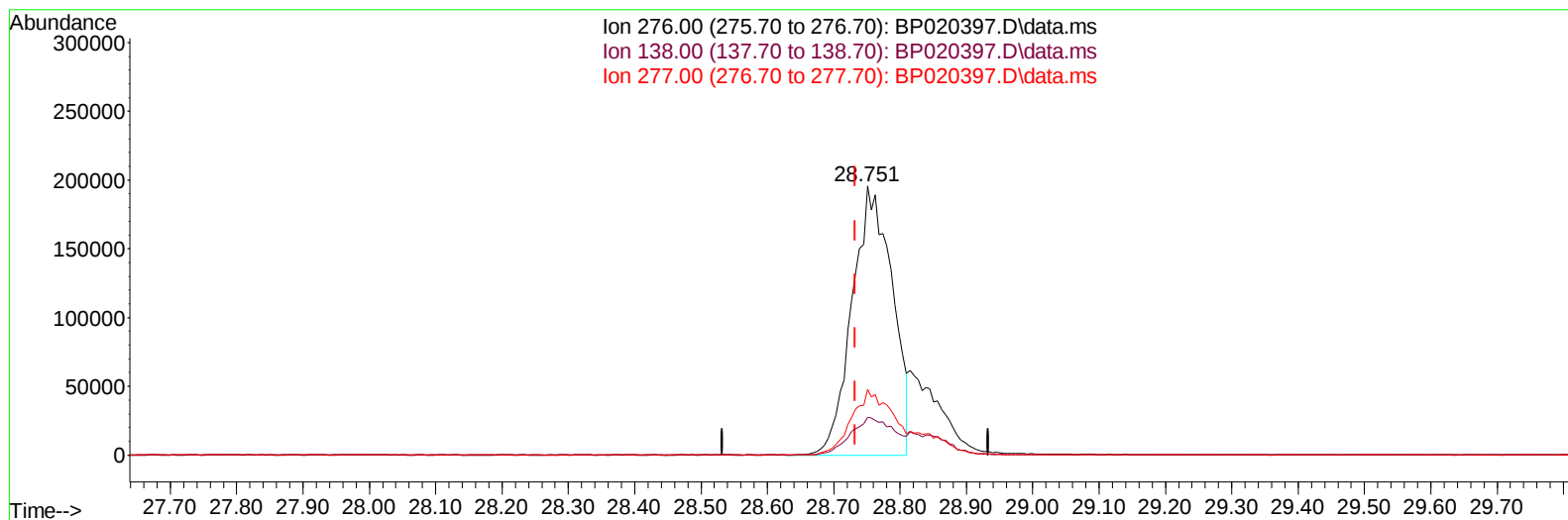
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TIC: BP020397.D\data.ms

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

28.751min (+ 0.018) 15.41 ng/u1

response 819848

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.10
277.00	23.70	24.51
0.00	0.00	0.00

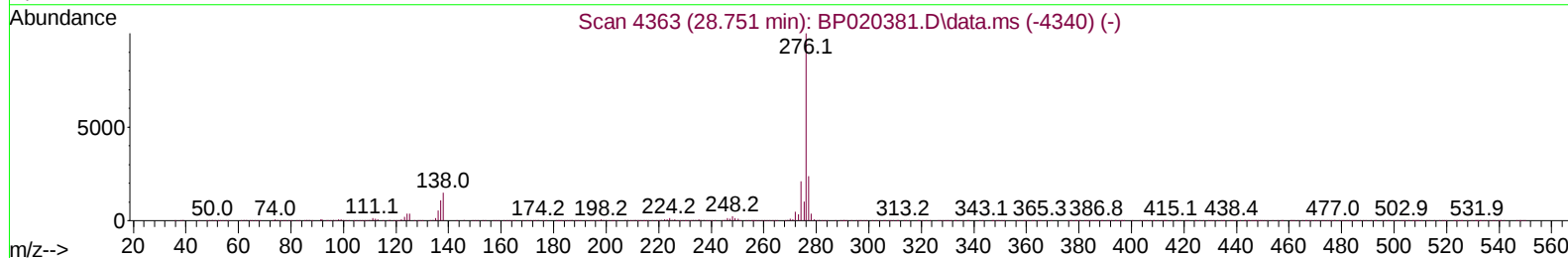
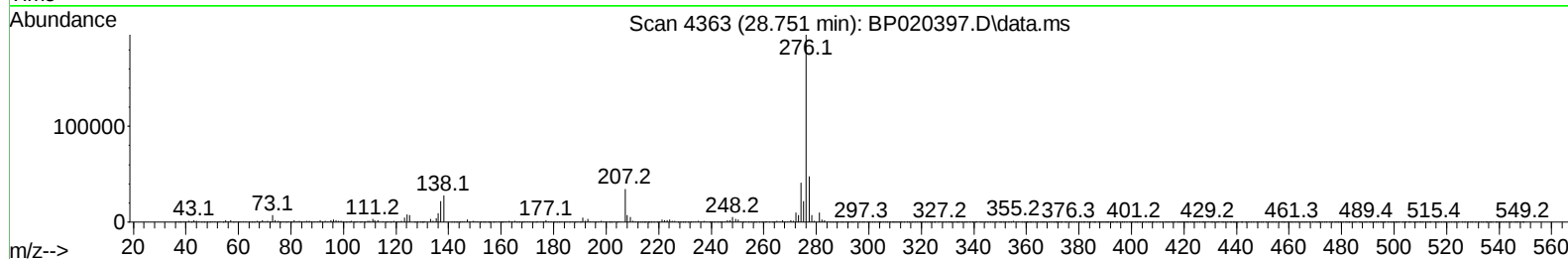
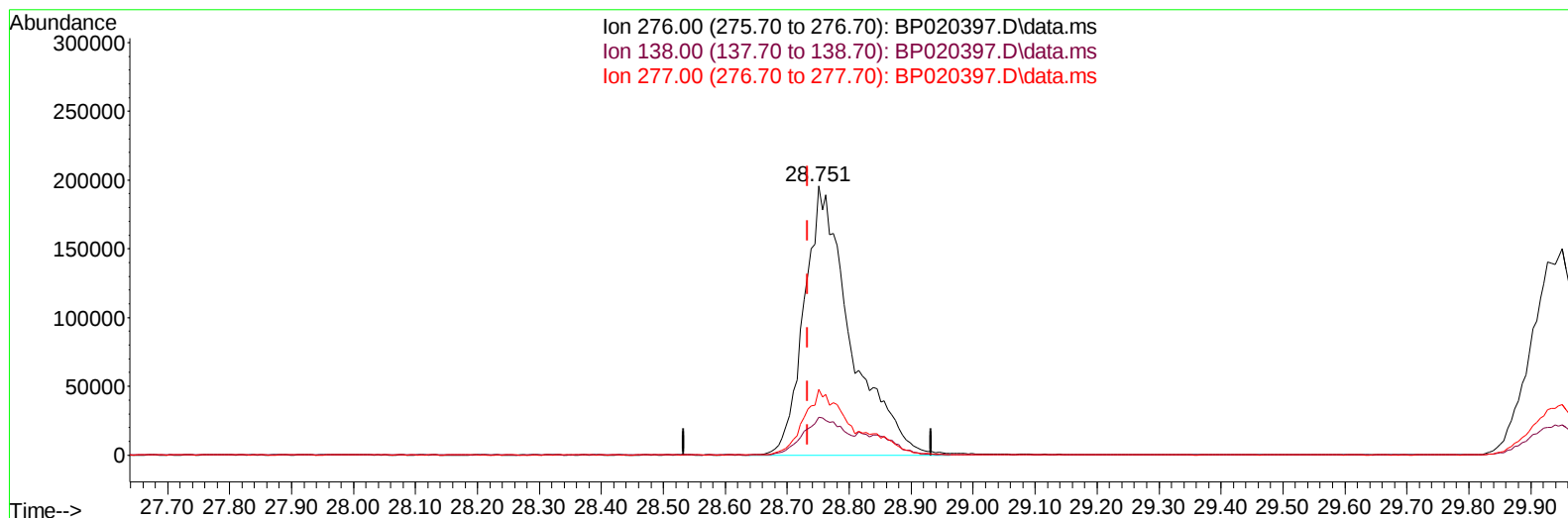
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 ALS Vial : 31 Sample Multiplier: 1

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Manual Integrations APPROVED

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Reviewed By : Jagrut Upadhyay 05/15/2024
 Supervised By : mohammad ahmed 05/17/2024



TIC: BP020397.D\data.ms

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

28.751min (+ 0.018) 19.19 ng/ul m

response 1021192

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.10
277.00	23.70	24.51
0.00	0.00	0.00

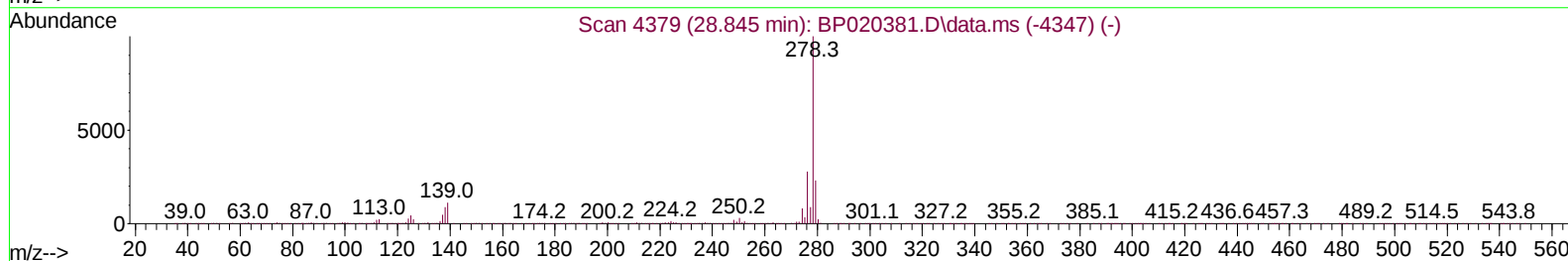
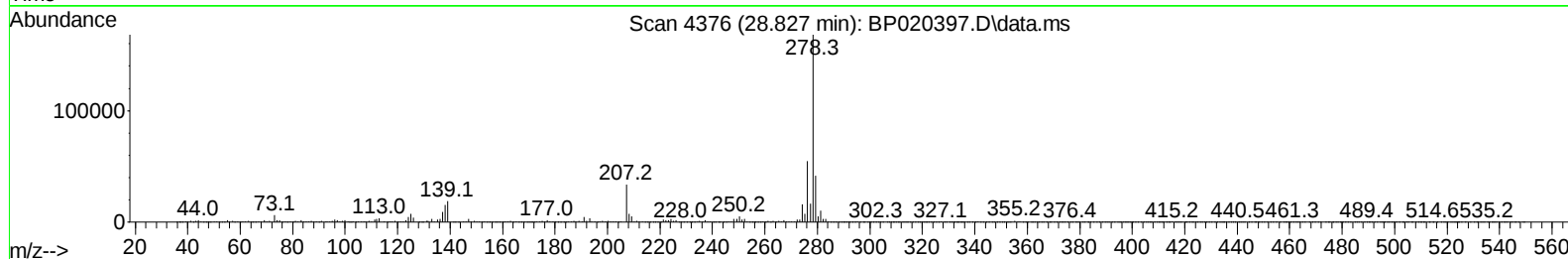
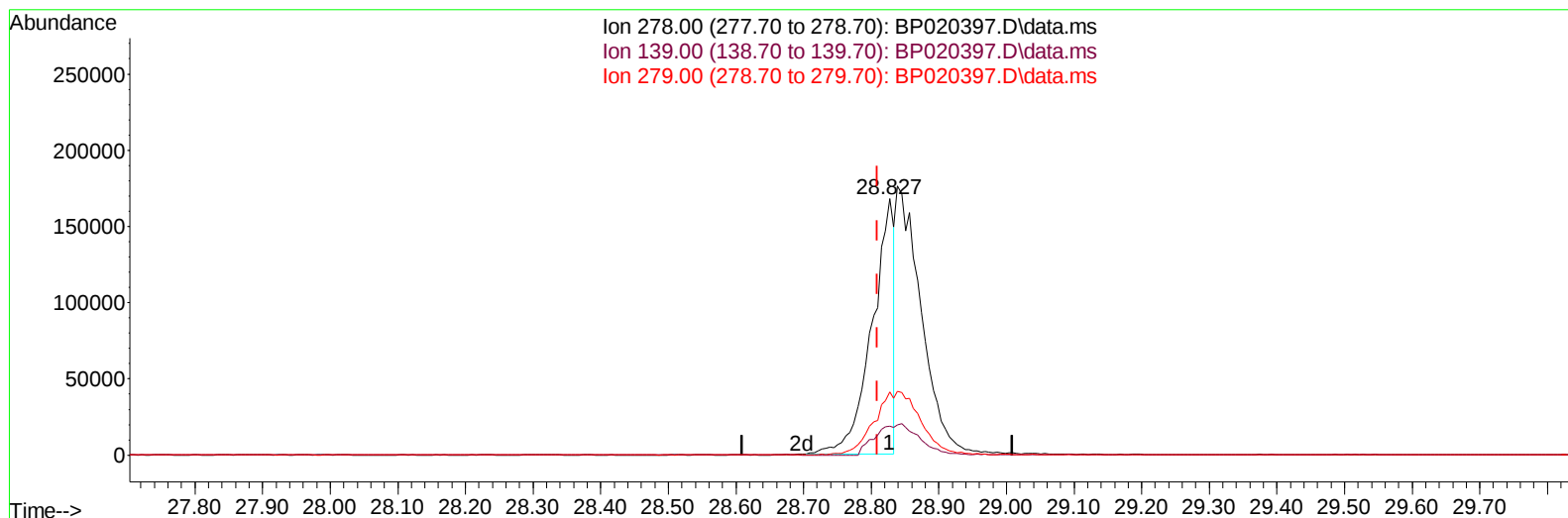
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TIC: BP020397.D\data.ms

(95) Dibenzo(a,h)anthracene

28.827min (+ 0.018) 8.65 ng/u1

response 380610

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.32
279.00	24.10	24.61
0.00	0.00	0.00

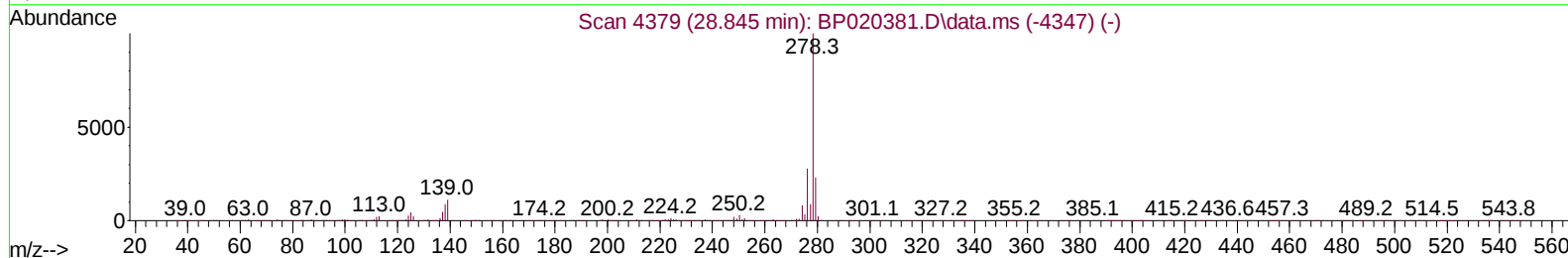
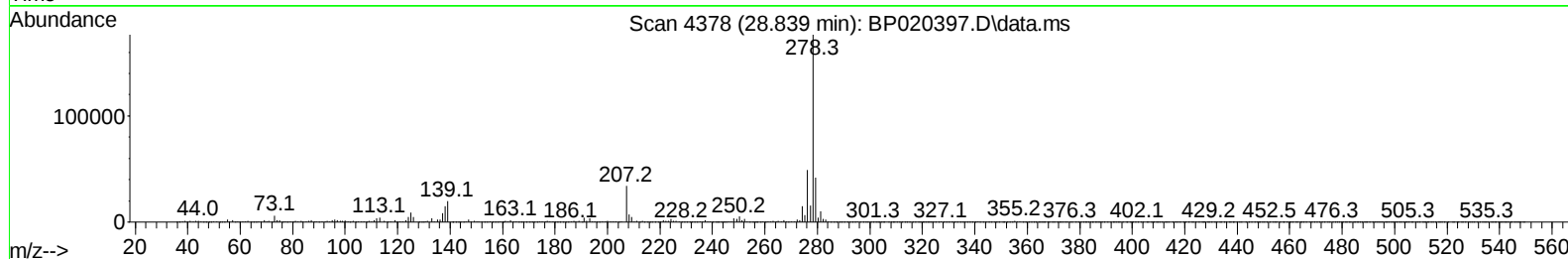
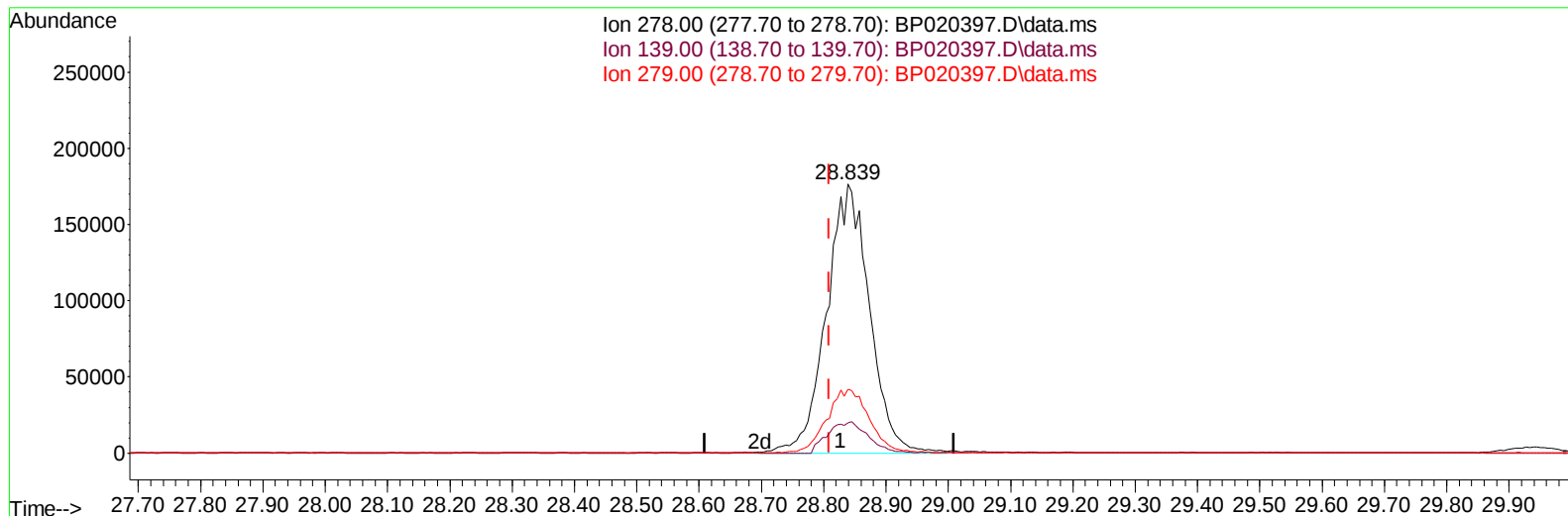
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Instrument :
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 Supervised By :mohammad ahmed 05/17/2024



TIC: BP020397.D\data.ms

(95) Dibenzo(a,h)anthracene

28.839min (+ 0.030) 19.18 ng/ul m

response 844014

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.29
279.00	24.10	23.78
0.00	0.00	0.00

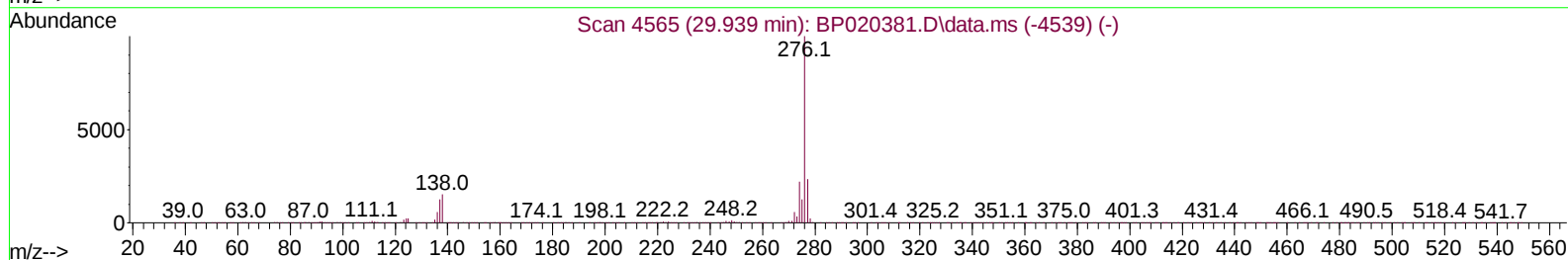
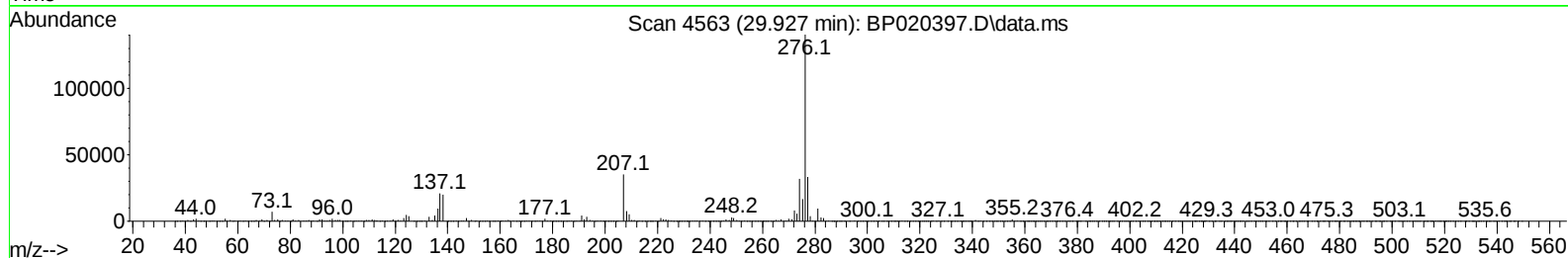
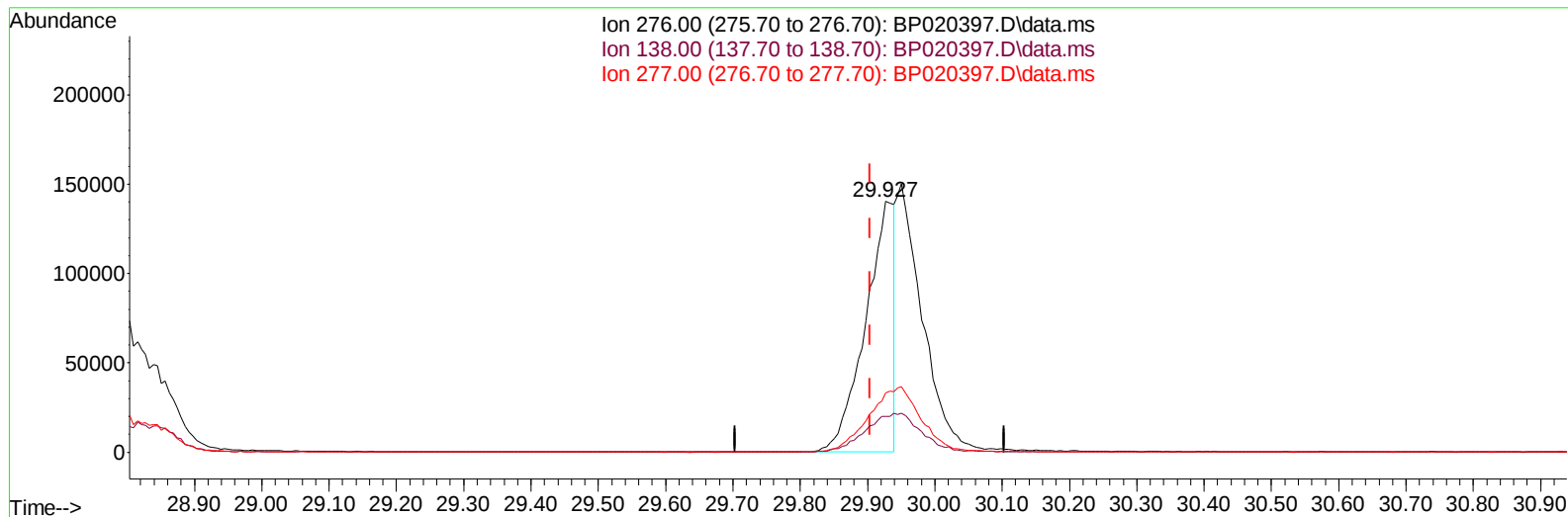
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TIC: BP020397.D\data.ms

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

29.927min (+ 0.024) 9.66 ng/u1

response 414505

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	14.35
277.00	24.20	23.60
0.00	0.00	0.00

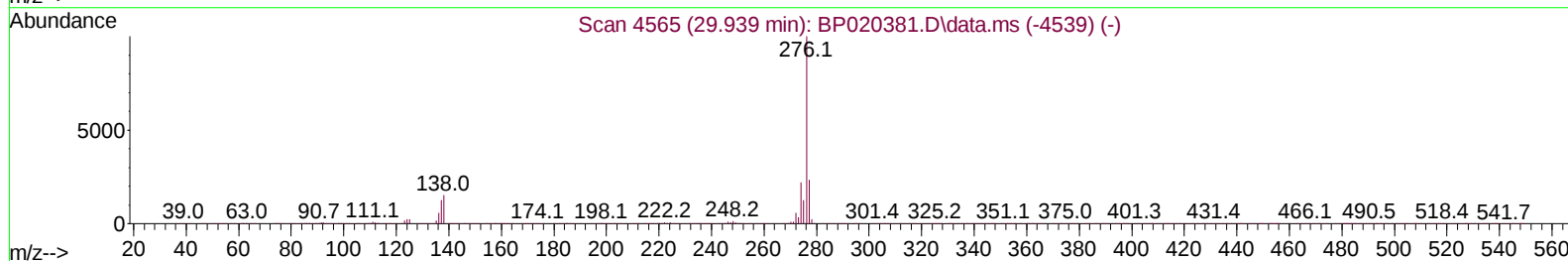
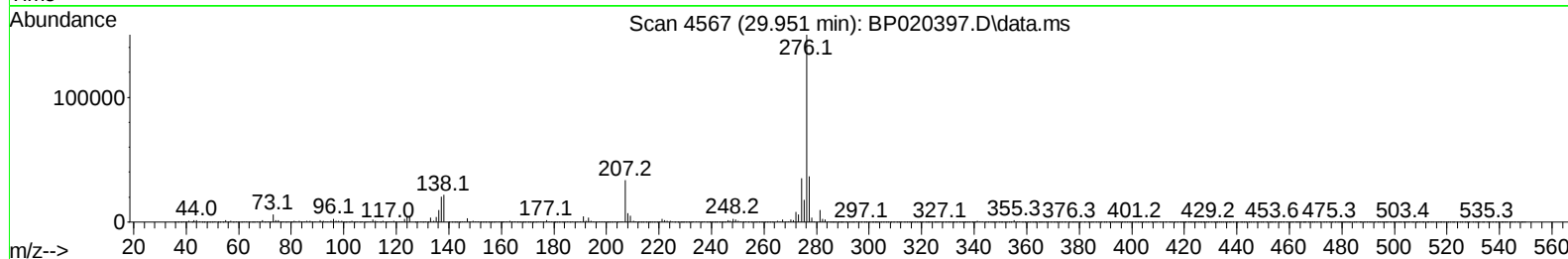
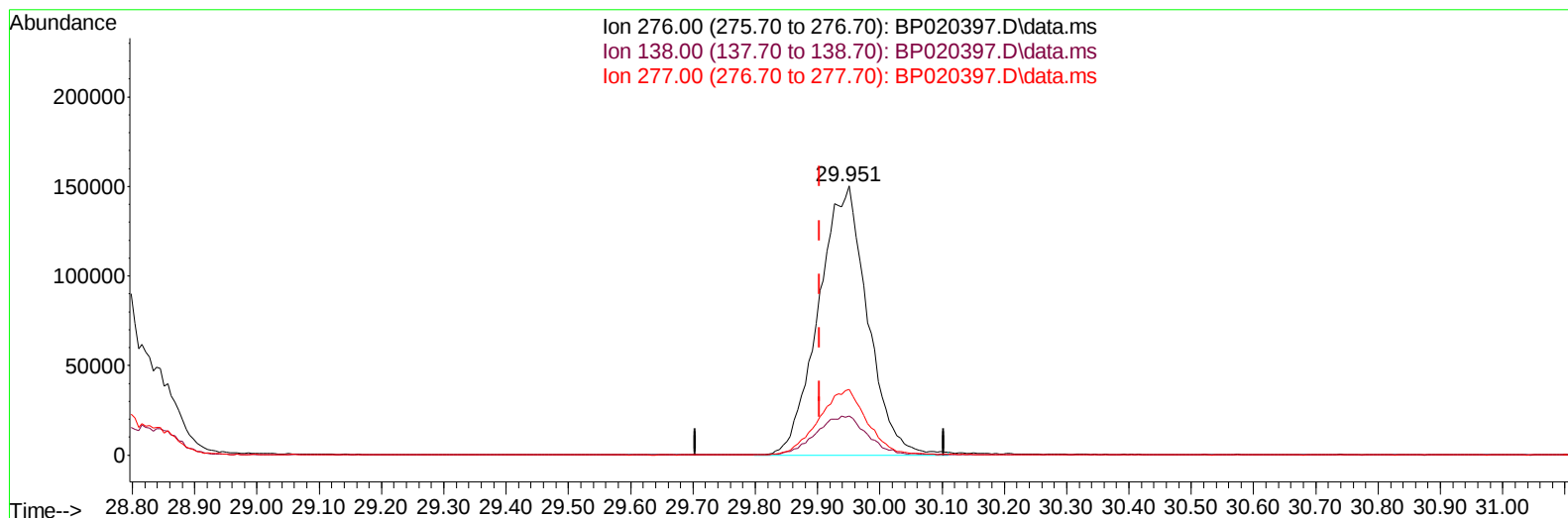
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TIC: BP020397.D\data.ms

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

29.951min (+ 0.047) 19.10 ng/ul m

response 819700

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	14.56
277.00	24.20	24.48
0.00	0.00	0.00

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Quant Time: May 15 13:32:46 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	94578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.358	136	392222	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	287590	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	669232	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	692899	20.000	ng/ul	0.00
88) Perylene-d12	24.951	264	766872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	17265	7.710	ng/uL	0.00
4) Pyridine-d5	3.593	84	113919	17.507	ng/ul	0.00
7) Phenol-d5	6.781	99	145542	17.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	85888	17.407	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	113370	19.525	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	118758	18.085	ng/ul	-0.01
21) Nitrobenzene-d5	8.752	128	57400	19.543	ng/ul	0.00
24) 2-Nitrophenol-d4	9.463	143	68147	20.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	125589	20.462	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	157707	18.359	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	415121	19.766	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	448801	19.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	55271	17.124	ng/ul	0.00
60) Fluorene-d10	15.293	176	348137	19.874	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	80308	18.910	ng/ul	0.00
73) Anthracene-d10	17.222	188	586585	20.261	ng/ul	0.00
81) Pyrene-d10	19.616	212	741450	18.306	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	717246	19.344	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	17892	7.041	ng/uL	94
5) Pyridine	3.611	79	114060	17.330	ng/ul	97
6) Benzaldehyde	6.764	77	81989	20.083	ng/ul	99
8) Phenol	6.811	94	151655	18.090	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.034	93	119430	18.206	ng/ul	95
12) 2-Chlorophenol	7.158	128	117949	19.456	ng/ul	96
13) 2-Methylphenol	8.034	108	116636	18.652	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	141494m	17.291	ng/ul	
16) Acetophenone	8.416	105	198544	18.217	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.393	70	105787	17.887	ng/ul	96
18) 4-Methylphenol	8.364	108	123839	18.220	ng/ul	91
19) Hexachloroethane	8.628	117	52991	19.114	ng/ul	99
22) Nitrobenzene	8.793	77	153252	18.176	ng/ul	96
23) Isophorone	9.311	82	301470	18.595	ng/ul	99
25) 2-Nitrophenol	9.493	139	72634	20.849	ng/ul	90
26) 2,4-Dimethylphenol	9.552	107	142734	18.779	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.793	93	166781	18.556	ng/ul	97
29) 2,4-Dichlorophenol	10.028	162	118968	19.927	ng/ul	97
30) Naphthalene	10.410	128	394393	19.508	ng/ul	99
32) 4-Chloroaniline	10.540	127	159332	18.968	ng/ul	98
33) Hexachlorobutadiene	10.669	225	93788	20.226	ng/ul	99
34) Caprolactam	11.369	113	44387m	21.293	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	146387	19.694	ng/ul	98

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Quant Time: May 15 13:32:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.046	142	278120	19.772	ng/ul	96
37) 1-Methylnaphthalene	12.263	142	279785	19.766	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	173922	19.391	ng/ul	98
40) Hexachlorocyclopentadiene	12.375	237	66973	13.730	ng/ul	95
41) 2,4,6-Trichlorophenol	12.681	196	110388	19.626	ng/ul	93
42) 2,4,5-Trichlorophenol	12.763	196	116730	19.286	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	380231	18.693	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	309014	19.145	ng/ul	99
45) 2-Nitroaniline	13.363	65	99421	18.570	ng/ul	98
47) Dimethylphthalate	13.734	163	424526	20.012	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	88608	21.011	ng/ul	98
50) Acenaphthylene	13.981	152	513335	19.672	ng/ul	99
51) 3-Nitroaniline	14.216	138	77972	19.824	ng/ul	96
52) Acenaphthene	14.334	153	341212	19.458	ng/ul	99
53) 2,4-Dinitrophenol	14.446	184	45448	17.557	ng/ul	92
55) 4-Nitrophenol	14.551	109	71902	21.396	ng/ul	92
56) Dibenzofuran	14.681	168	474325	19.667	ng/ul	97
57) 2,4-Dinitrotoluene	14.681	165	134887	22.247	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.922	232	116372	21.411	ng/ul	96
59) Diethylphthalate	15.134	149	426897	20.160	ng/ul	99
61) Fluorene	15.345	166	402193	20.070	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.345	204	215656	20.285	ng/ul	95
63) 4-Nitroaniline	15.416	138	74467	22.718	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.469	198	83157	18.779	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	347040	18.624	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	139056	19.183	ng/ul	97
69) Hexachlorobenzene	16.375	284	168114	20.023	ng/ul	98
70) Atrazine	16.581	200	129545	19.606	ng/ul	98
71) Pentachlorophenol	16.757	266	97761	19.264	ng/ul	99
72) Phenanthrene	17.163	178	667392	19.546	ng/ul	98
74) Anthracene	17.257	178	686894	19.779	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	174304	17.525	ng/uL	97
76) Pentachlorobenzene	14.587	250	182992	18.385	ng/uL	98
77) Carbazole	17.557	167	596091	19.924	ng/ul	99
78) Di-n-butylphthalate	18.139	149	779085	21.484	ng/ul	99
80) Fluoranthene	19.269	202	843069	17.687	ng/ul	97
82) Pyrene	19.645	202	878391	17.711	ng/ul	99
83) Butylbenzylphthalate	20.622	149	368240	19.559	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.522	252	272542	19.327	ng/ul	98
85) Benzo(a)anthracene	21.586	228	900507	19.161	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	543465	20.010	ng/ul#	97
87) Chrysene	21.651	228	840285	19.291	ng/ul	99
89) Di-n-octyl phthalate	22.822	149	933855	19.015	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	893347	19.583	ng/ul	99
91) Benzo(k)fluoranthene	23.963	252	872985	18.778	ng/ul	99
93) Benzo(a)pyrene	24.798	252	829848	19.118	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.751	276	1021192m	19.192	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	844014m	19.177	ng/ul	
96) Benzo(g,h,i)perylene	29.951	276	819700m	19.100	ng/ul	

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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