

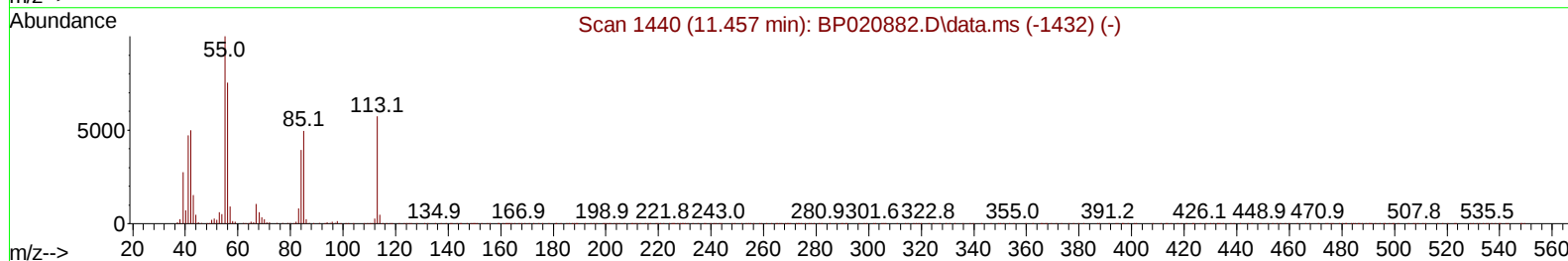
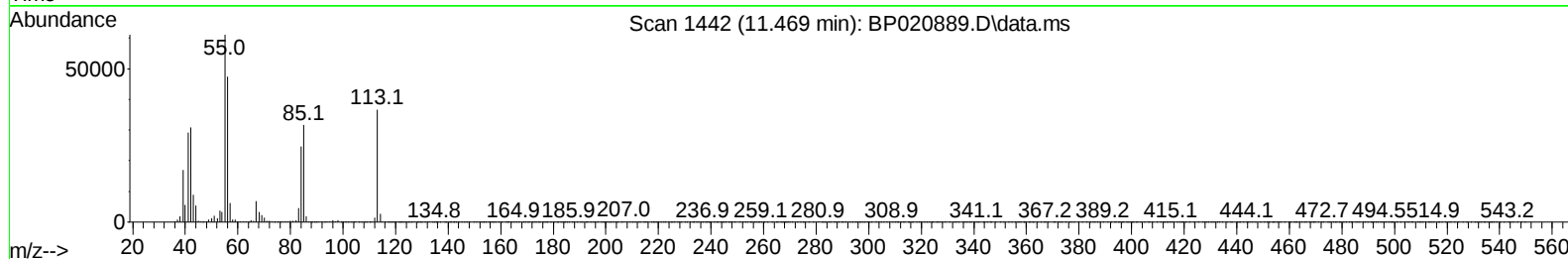
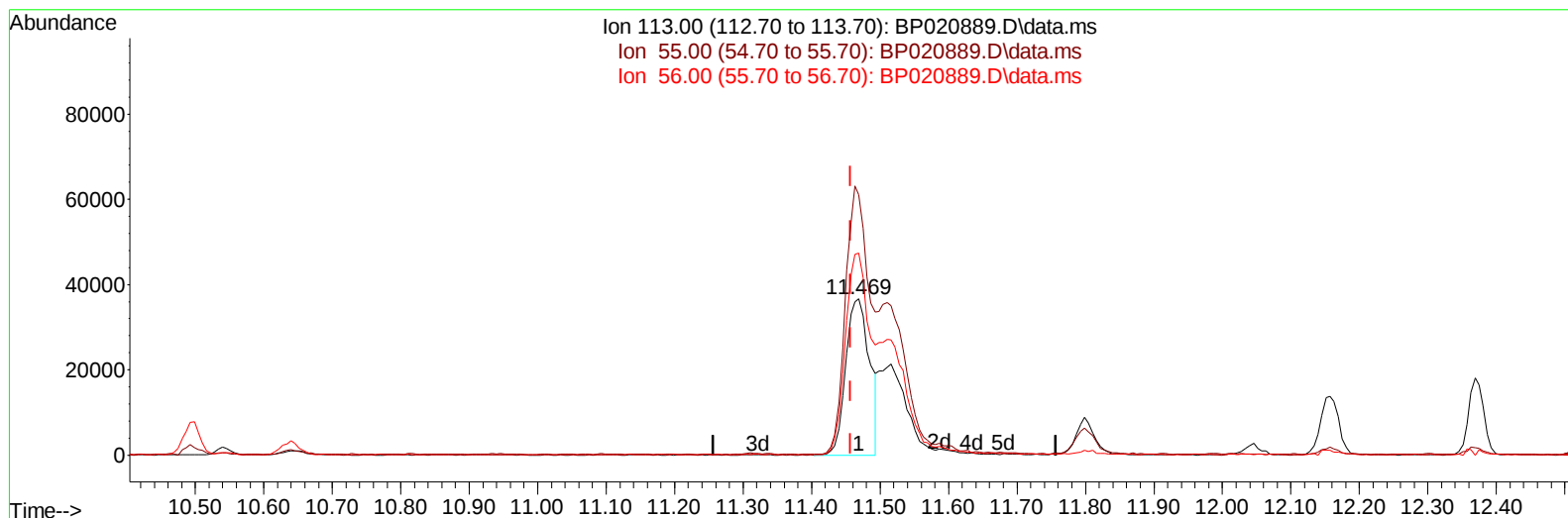
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020889.D
Acq On : 10 Jul 2024 21:04
Operator : MA/JU
Sample : PB161825BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS825

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:12:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



TIC: BP020889.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 17.21 ng/ul

response 88368

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	166.52
56.00	131.90	129.36
0.00	0.00	0.00

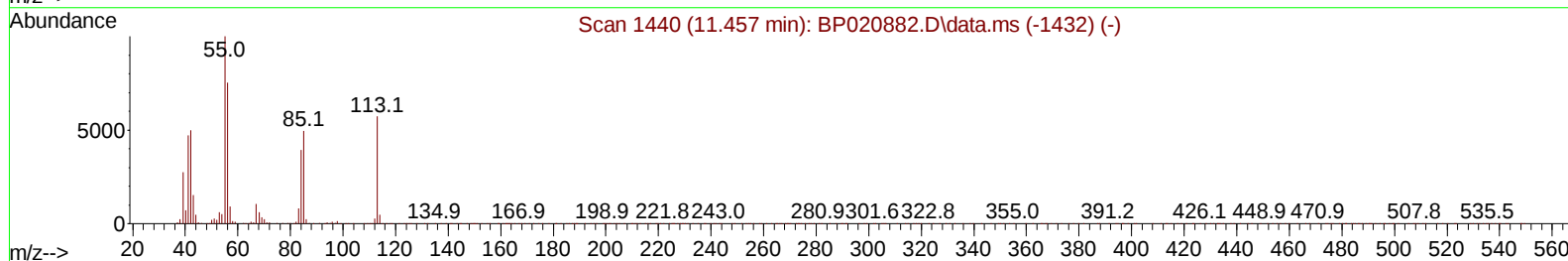
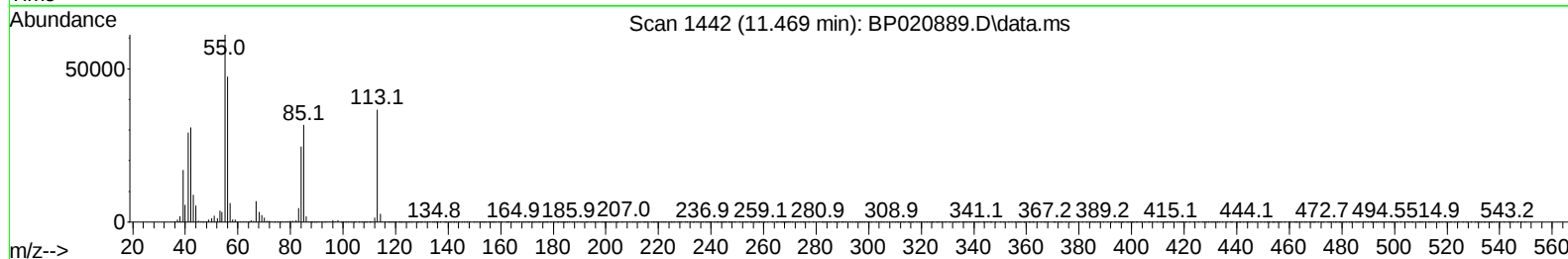
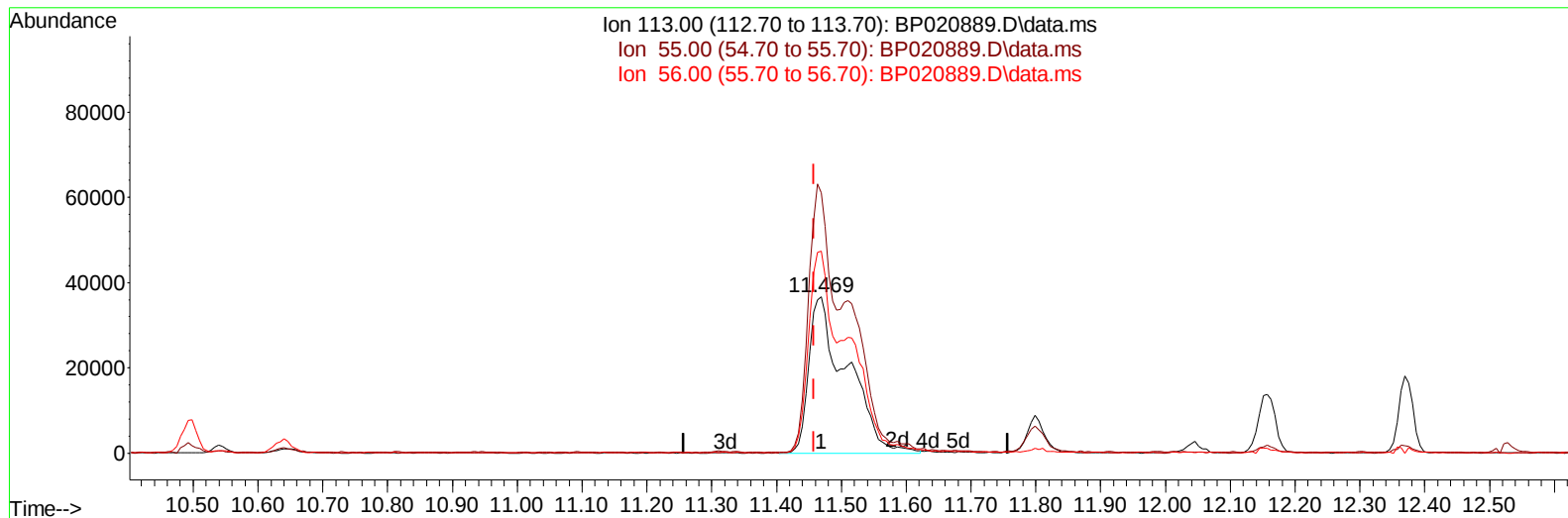
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020889.D
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TIC: BP020889.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 29.23 ng/ul m

response 150084

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	166.52
56.00	131.90	129.36
0.00	0.00	0.00

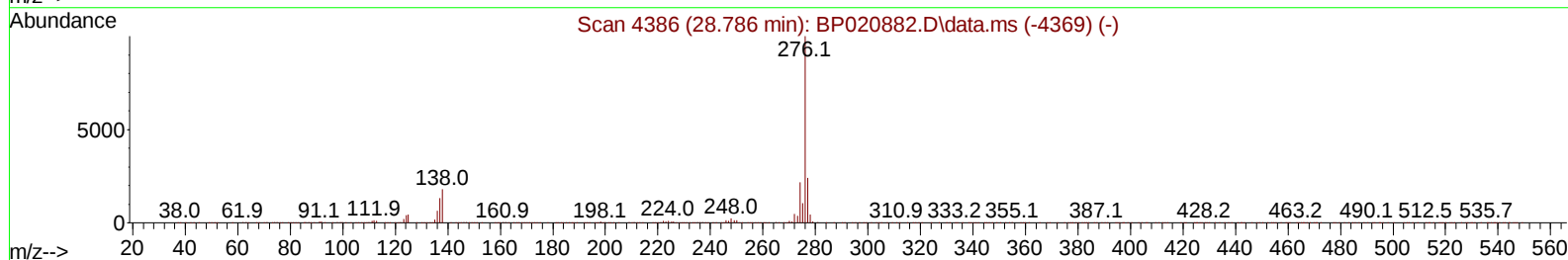
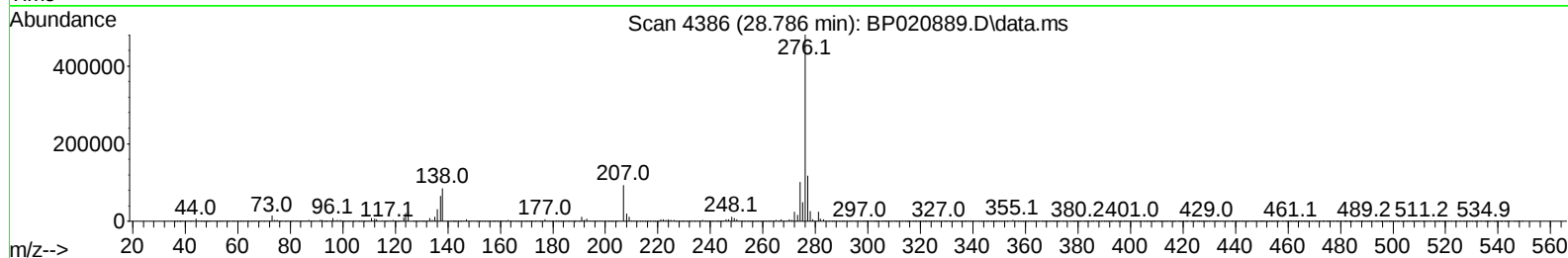
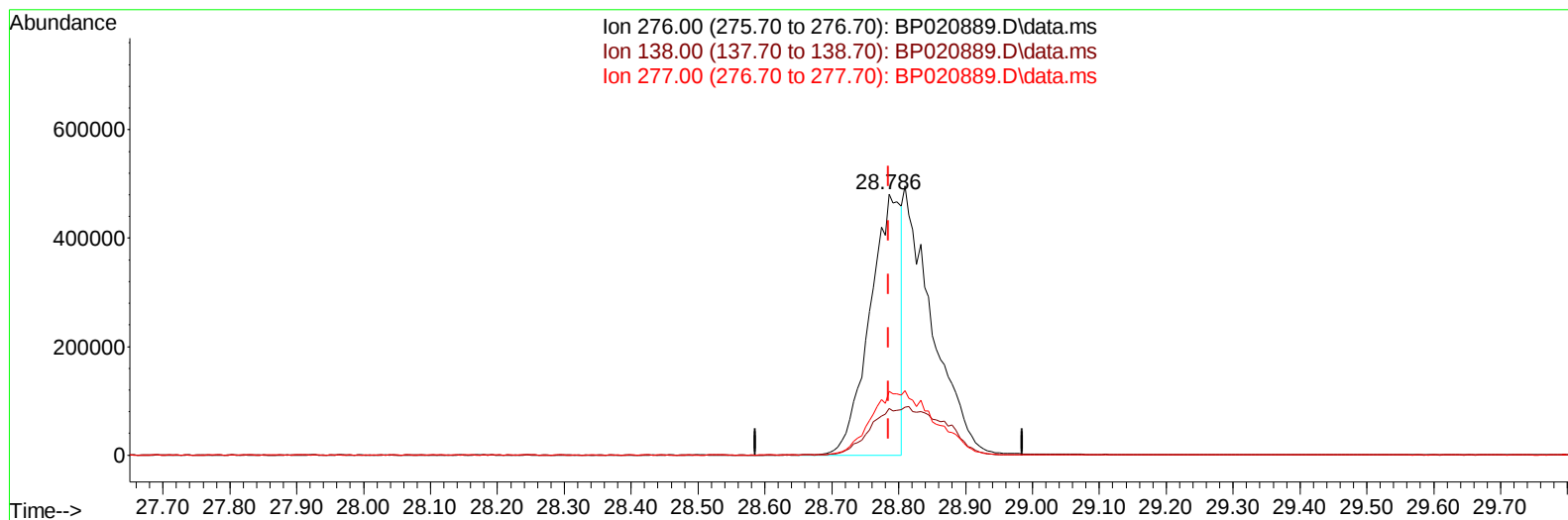
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020889.D
Acq On : 10 Jul 2024 21:04
Operator : MA/JU
Sample : PB161825BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
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TIC: BP020889.D\data.ms

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

28.786min (-0.000) 15.22 ng/u1

response 1545555

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.77
277.00	24.00	24.35
0.00	0.00	0.00

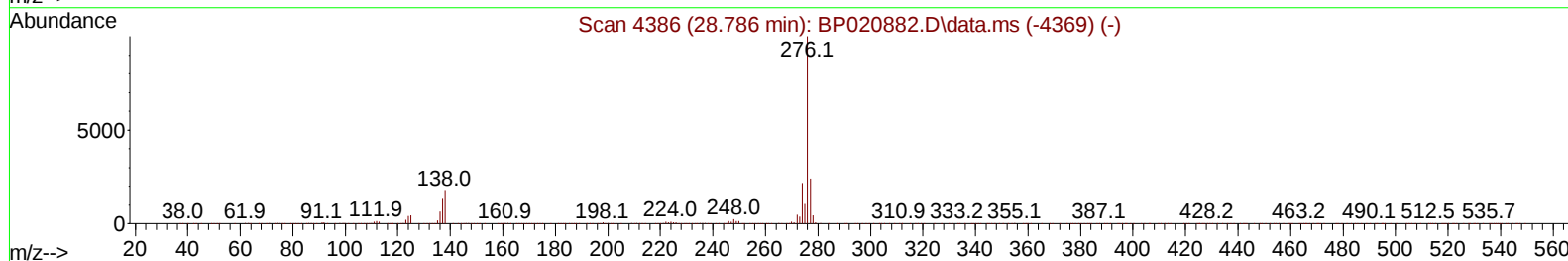
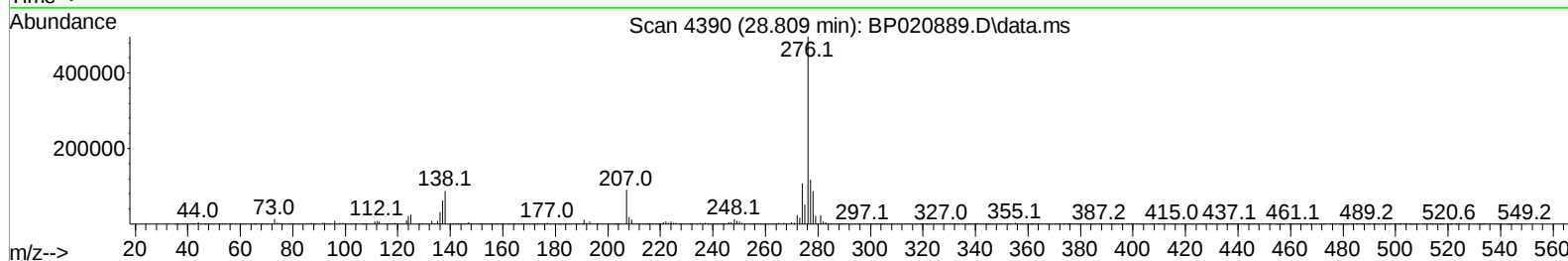
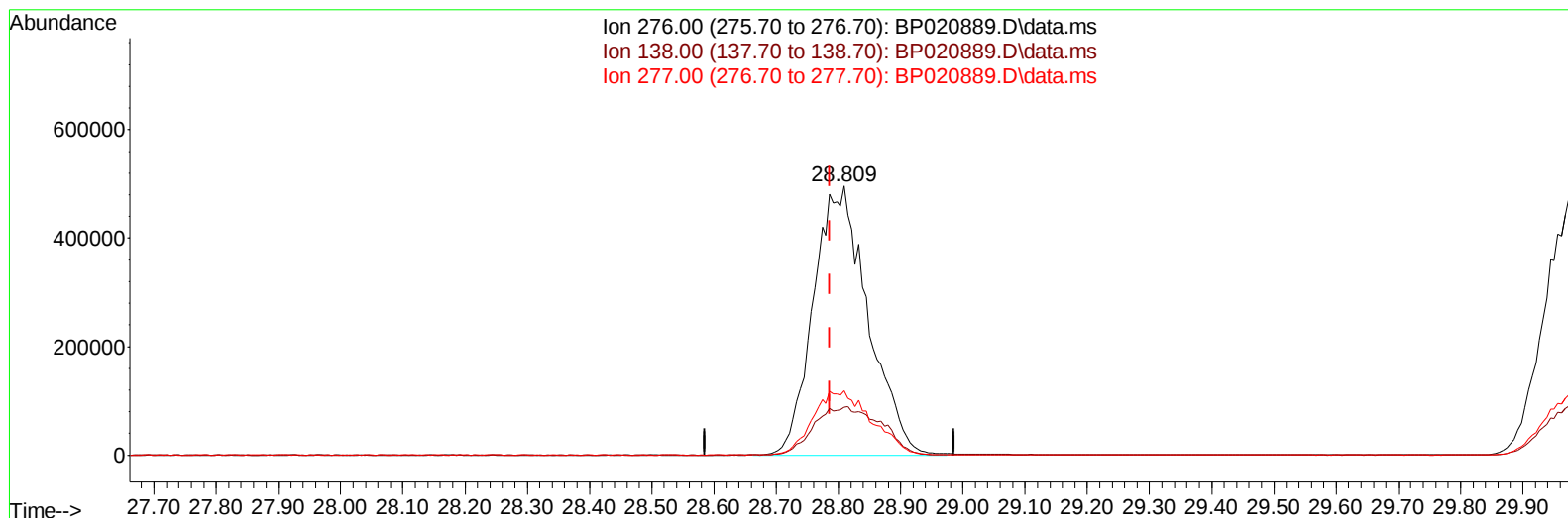
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TIC: BP020889.D\data.ms

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

28.809min (+ 0.023) 29.73 ng/ul m

response 3017640

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.75
277.00	24.00	23.91
0.00	0.00	0.00

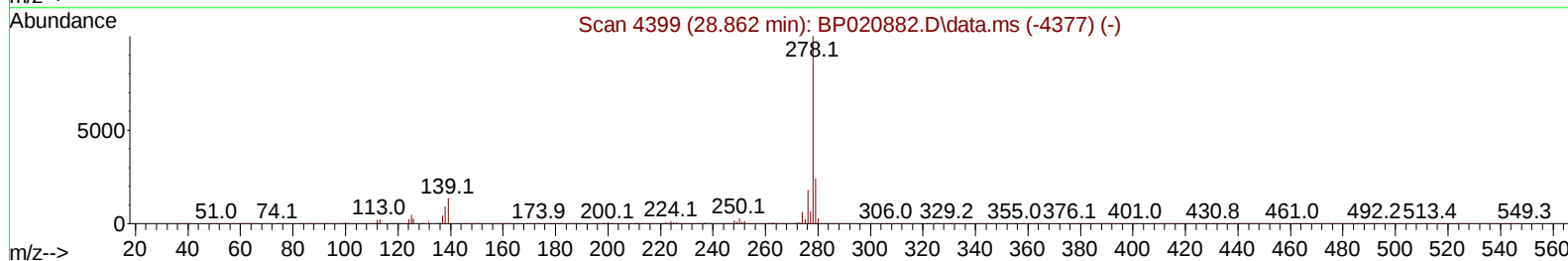
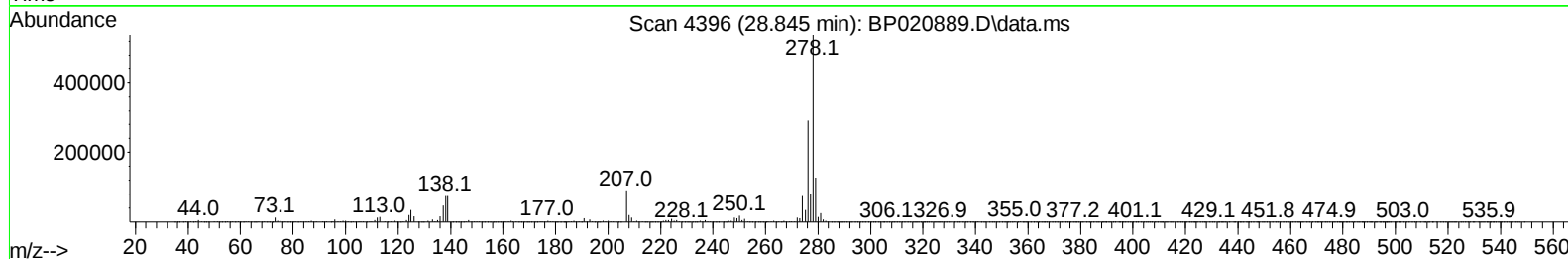
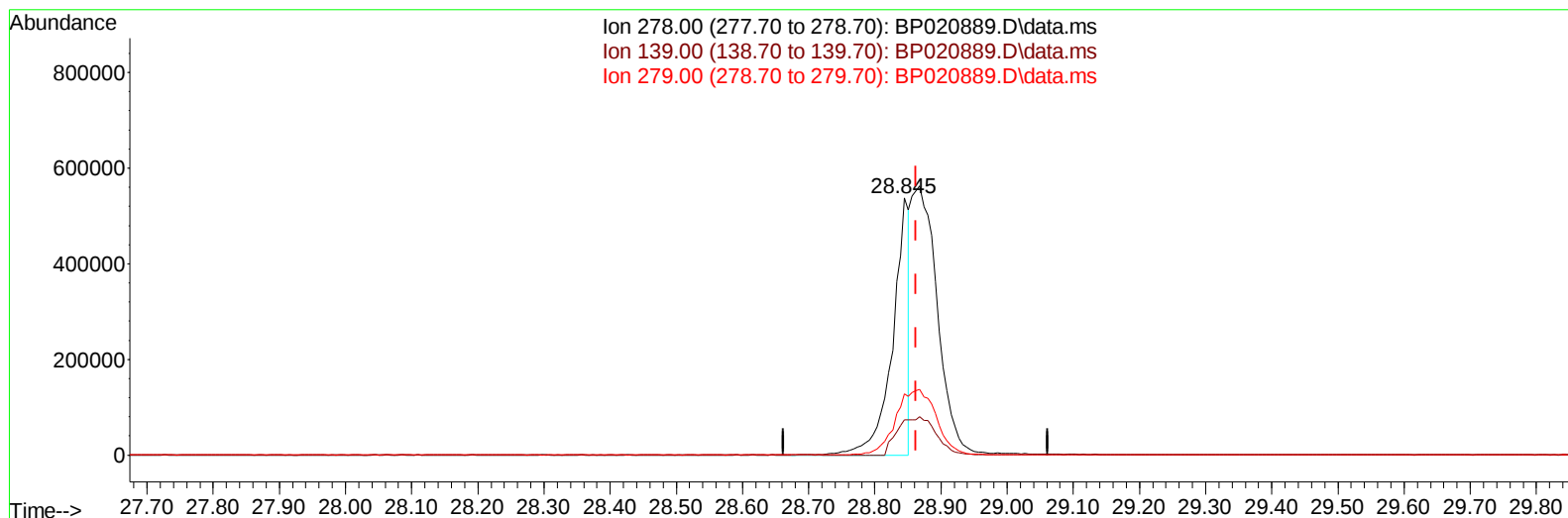
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TIC: BP020889.D\data.ms

(95) Dibenzo(a,h)anthracene

28.845min (-0.018) 11.23 ng/u1

response 943922

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.82
279.00	24.20	23.77
0.00	0.00	0.00

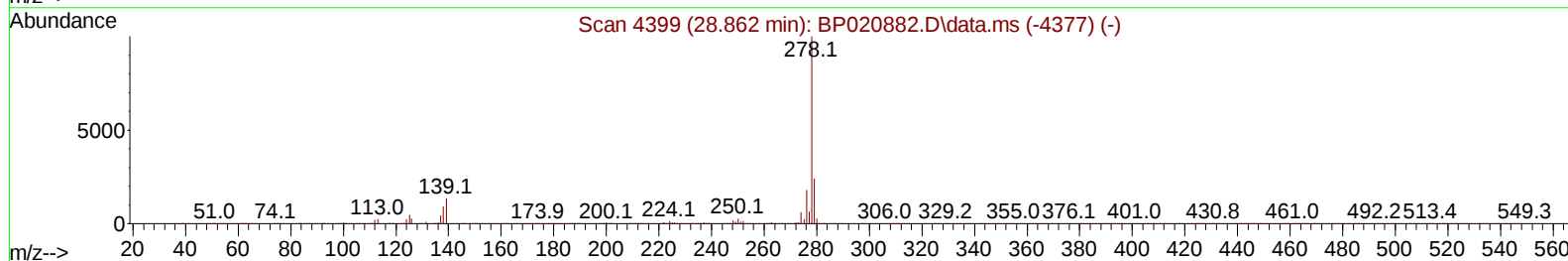
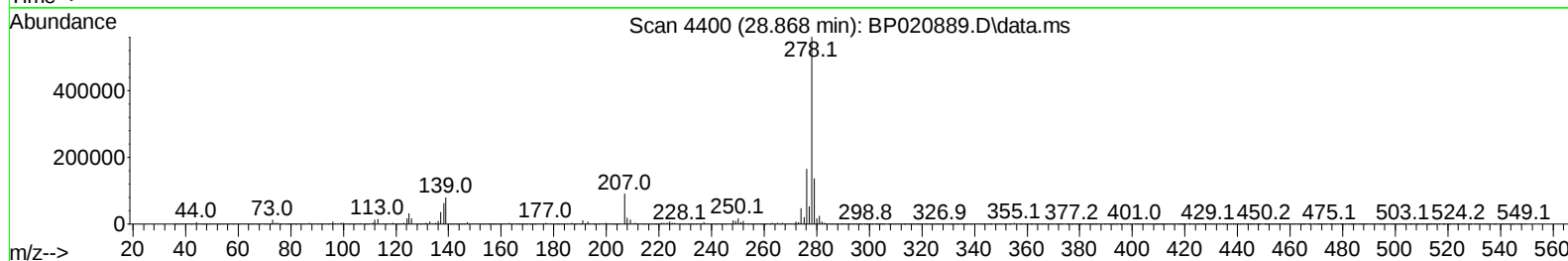
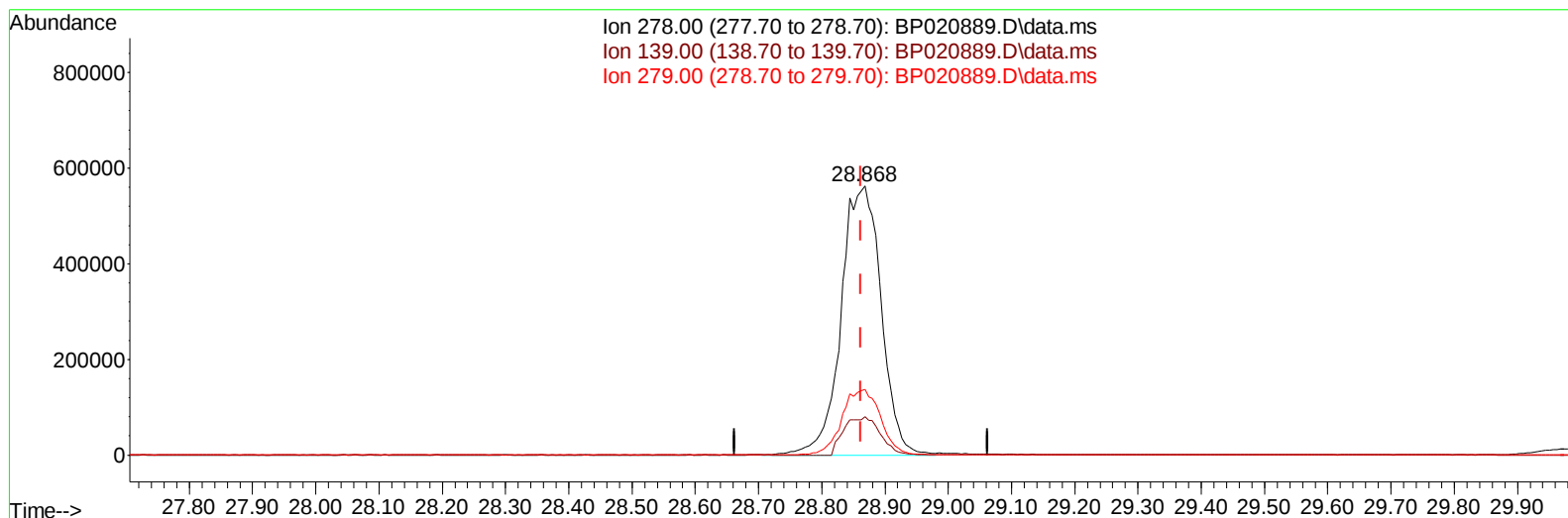
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC: BP020889.D\data.ms

(95) Dibenzo(a,h)anthracene

28.868min (+ 0.006) 29.44 ng/ul m

response 2474484

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.27
279.00	24.20	24.32
0.00	0.00	0.00

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Quant Time: Jul 11 00:22:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	262227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	1051942	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	684024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1346099	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1131280	20.000	ng/ul	0.00
88) Perylene-d12	24.986	264	1373777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	35710	6.197	ng/uL	0.00
4) Pyridine-d5	3.669	84	393287	23.574	ng/ul	0.00
7) Phenol-d5	6.916	99	592124	27.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	365700	28.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	485272	27.550	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	479330	26.995	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	240119	29.388	ng/ul	0.01
24) 2-Nitrophenol-d4	9.587	143	281144	30.063	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	496317	29.350	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	534859	23.876	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1421210	28.581	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1592010	28.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	221737	31.342	ng/ul	-0.01
60) Fluorene-d10	15.369	176	1174546	28.792	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	249051	30.579	ng/ul	0.00
73) Anthracene-d10	17.275	188	1709106	28.587	ng/ul	0.00
81) Pyrene-d10	19.663	212	1929133	27.583	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	1975209	29.152	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	59514	9.390	ng/uL	95
5) Pyridine	3.687	79	434796	25.268	ng/ul	98
6) Benzaldehyde	6.887	77	286349	26.568	ng/ul	98
8) Phenol	6.946	94	607558	28.085	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.157	93	489323	27.381	ng/ul	98
12) 2-Chlorophenol	7.299	128	492400	27.892	ng/ul	98
13) 2-Methylphenol	8.169	108	459250	27.450	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	716802	27.763	ng/ul	97
16) Acetophenone	8.546	105	746542	27.241	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	382706	26.653	ng/ul	97
18) 4-Methylphenol	8.499	108	493421	27.529	ng/ul	99
19) Hexachloroethane	8.775	117	216347	27.271	ng/ul	95
22) Nitrobenzene	8.922	77	565320	28.883	ng/ul	100
23) Isophorone	9.440	82	1079890	27.753	ng/ul	99
25) 2-Nitrophenol	9.622	139	293415	30.084	ng/ul	98
26) 2,4-Dimethylphenol	9.687	107	441132	22.937	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.910	93	662736	28.021	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	491844	29.513	ng/ul	99
30) Naphthalene	10.546	128	1536064	27.760	ng/ul	100
32) 4-Chloroaniline	10.663	127	512938	23.978	ng/ul	98
33) Hexachlorobutadiene	10.810	225	352656	28.222	ng/ul	98
34) Caprolactam	11.469	113	150084m	29.234	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	530588	29.290	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	1078848	28.404	ng/ul	97
37) 1-Methylnaphthalene	12.369	142	1069480	27.377	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	648373	29.187	ng/ul	97
40) Hexachlorocyclopentadiene	12.493	237	264879	22.794	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	374486	26.679	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	415447	27.973	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1407477	28.155	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	1108030	27.765	ng/ul	100
45) 2-Nitroaniline	13.440	65	330023	29.904	ng/ul	98
47) Dimethylphthalate	13.810	163	1391455	27.579	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	293699	29.116	ng/ul	99
50) Acenaphthylene	14.081	152	1734663	27.440	ng/ul	99
51) 3-Nitroaniline	14.275	138	262015	29.849	ng/ul	97
52) Acenaphthene	14.422	153	1149369	27.393	ng/ul	98
53) 2,4-Dinitrophenol	14.498	184	161234	30.437	ng/ul	98
55) 4-Nitrophenol	14.616	109	177796	30.894	ng/ul	97
56) Dibenzofuran	14.769	168	1622334	28.235	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	412875	29.817	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.998	232	314949	24.765	ng/ul	98
59) Diethylphthalate	15.204	149	1440120	28.561	ng/ul	100
61) Fluorene	15.428	166	1302772	27.785	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	698604	27.458	ng/ul	98
63) 4-Nitroaniline	15.469	138	250814	34.504	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.534	198	260631	30.176	ng/ul#	96
67) N-Nitrosodiphenylamine	15.651	169	1122084	28.626	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	444699	28.185	ng/ul	97
69) Hexachlorobenzene	16.445	284	523324	28.928	ng/ul	99
70) Atrazine	16.633	200	88725	6.211	ng/ul	98
71) Pentachlorophenol	16.816	266	233510	23.766	ng/ul	97
72) Phenanthrene	17.216	178	2001911	28.668	ng/ul	99
74) Anthracene	17.316	178	1987423	27.917	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	630124	29.247	ng/uL	98
76) Pentachlorobenzene	14.681	250	606438	28.327	ng/uL	99
77) Carbazole	17.604	167	1722818	29.604	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2377214	29.608	ng/ul	100
80) Fluoranthene	19.316	202	2251171	26.653	ng/ul	100
82) Pyrene	19.692	202	2333701	27.152	ng/ul	98
83) Butylbenzylphthalate	20.633	149	1008325	28.157	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	722679	27.956	ng/ul	99
85) Benzo(a)anthracene	21.610	228	2262338	28.548	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1453996	28.214	ng/ul	100
87) Chrysene	21.680	228	2107471	28.620	ng/ul	100
89) Di-n-octyl phthalate	22.798	149	2556883	28.174	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	2332084	27.974	ng/ul	98
91) Benzo(k)fluoranthene	23.992	252	2345467	28.191	ng/ul	99
93) Benzo(a)pyrene	24.827	252	2078563	26.384	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	3017640m	29.726	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	2474484m	29.436	ng/ul	
96) Benzo(g,h,i)perylene	29.974	276	2373153	28.704	ng/ul	99

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

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BNA_P

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SLCS825

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