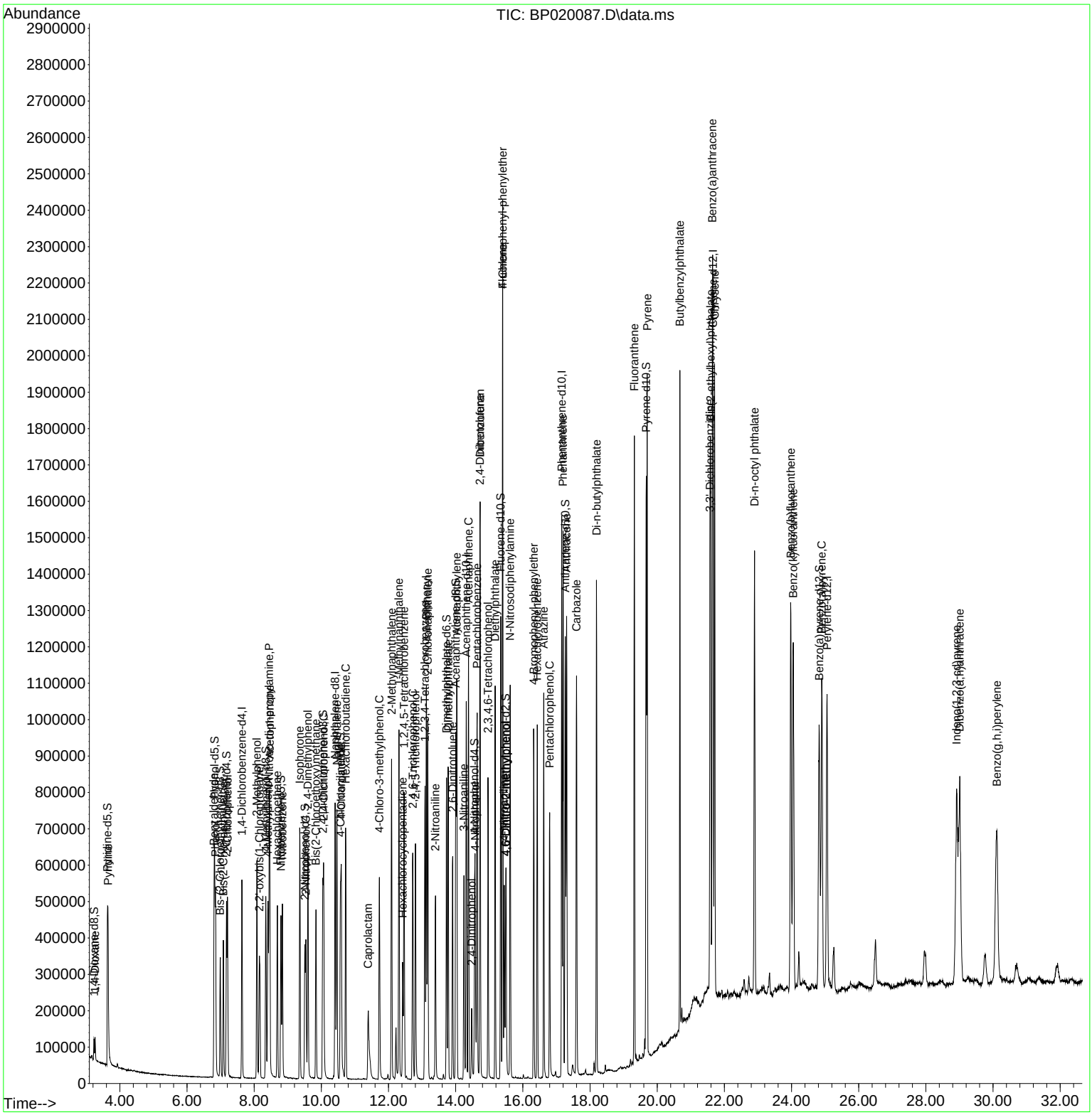
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020087.D
Acq On : 22 Apr 2024 22:34
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 23 02:36:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 01:17:52 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



Quantitation Report (Qedit)

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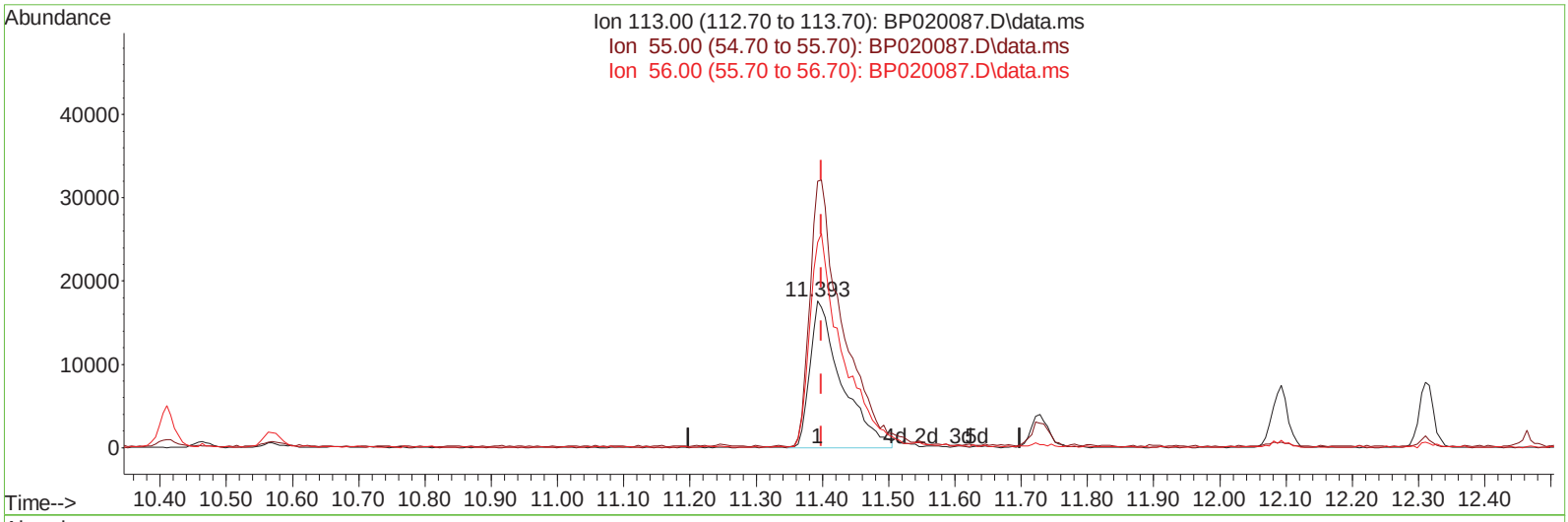

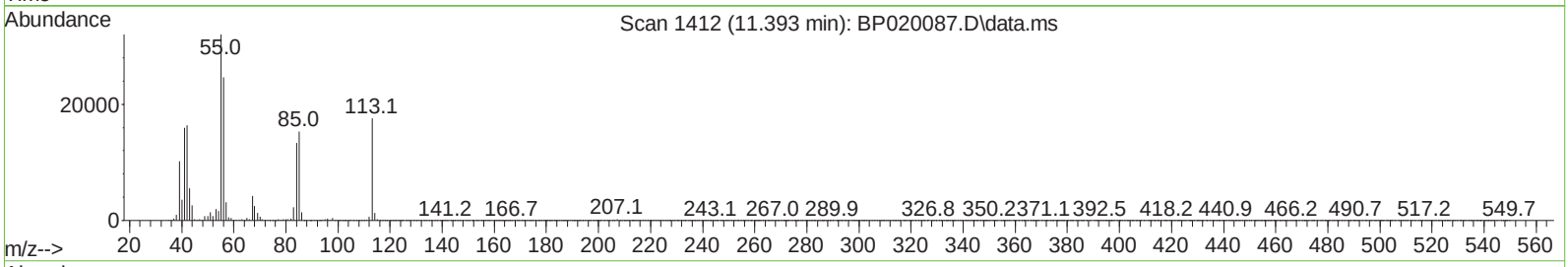

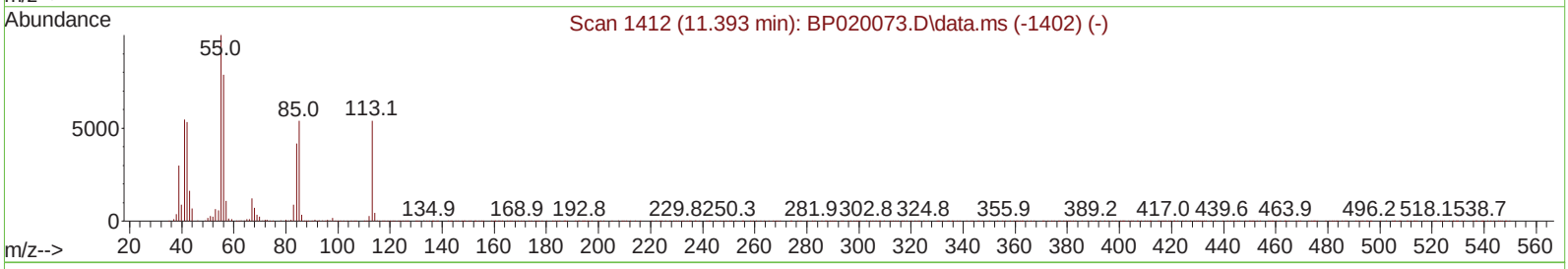

TIC: BP020087.D\data.ms

(34) Caprolactam

11.393min (-0.006) 22.43 ng/ul

response 58264

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	181.74
56.00	142.20	140.03
0.00	0.00	0.00

Quantitation Report (Qedit)

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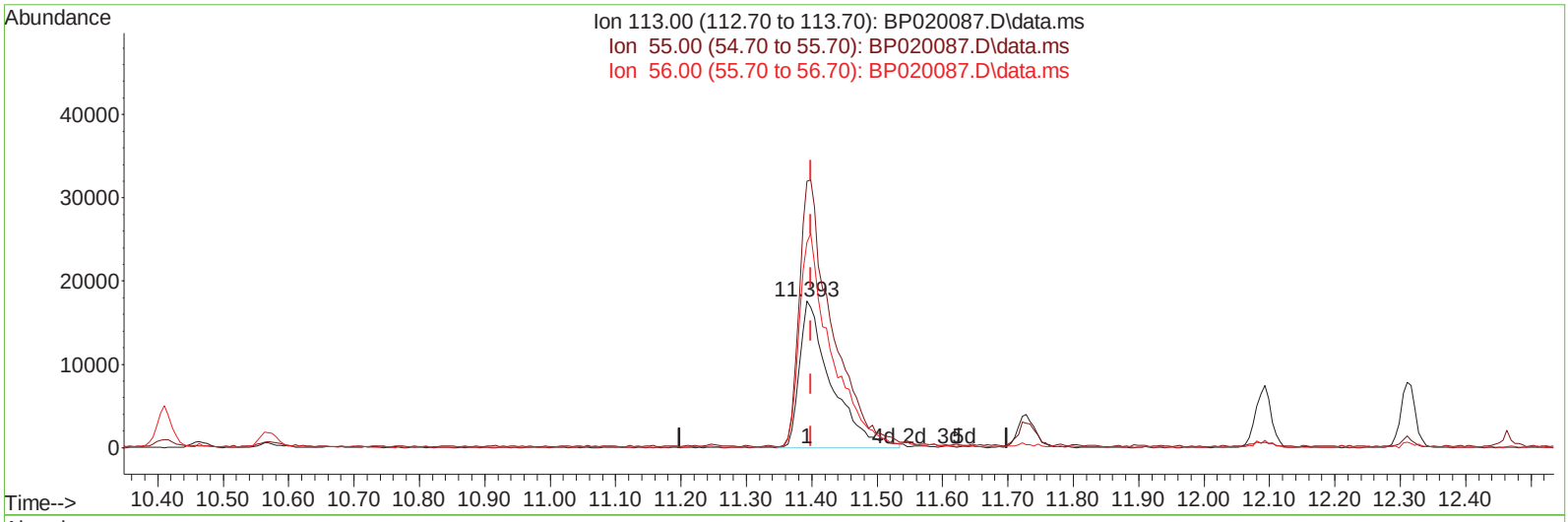

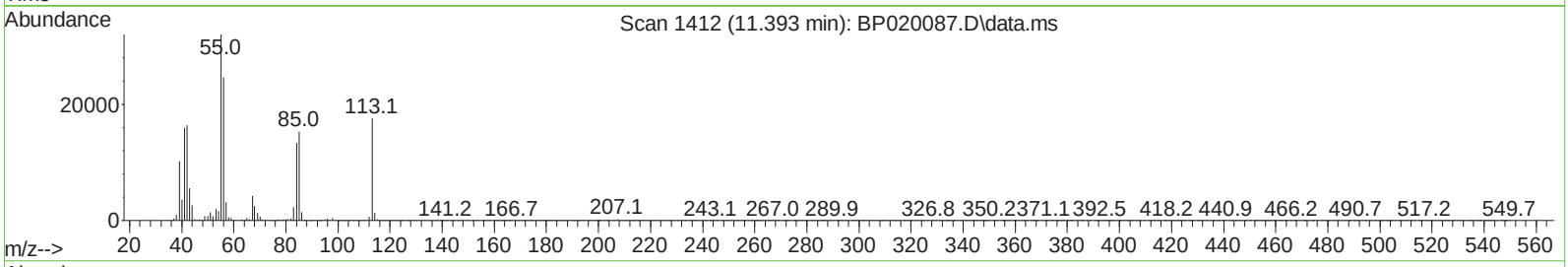

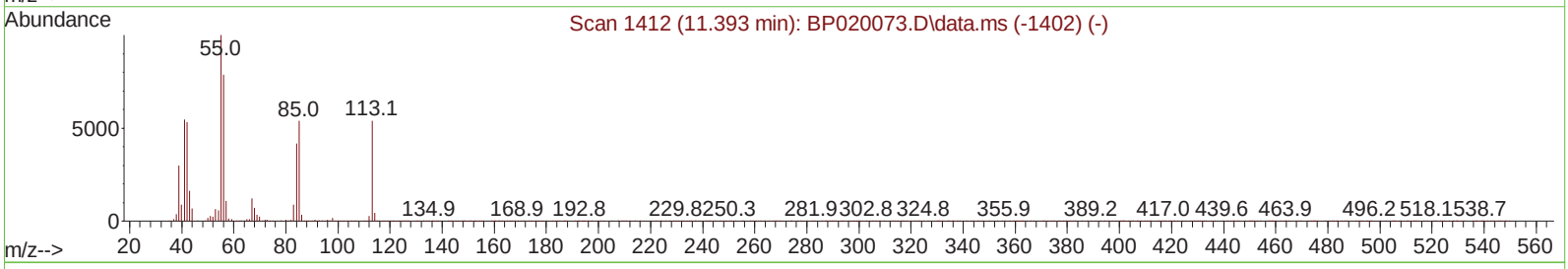

TIC: BP020087.D\data.ms

(34) Caprolactam

11.393min (-0.006) 22.87 ng/ul m

response 59410

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	181.74
56.00	142.20	140.03
0.00	0.00	0.00

Quantitation Report (Qedit)

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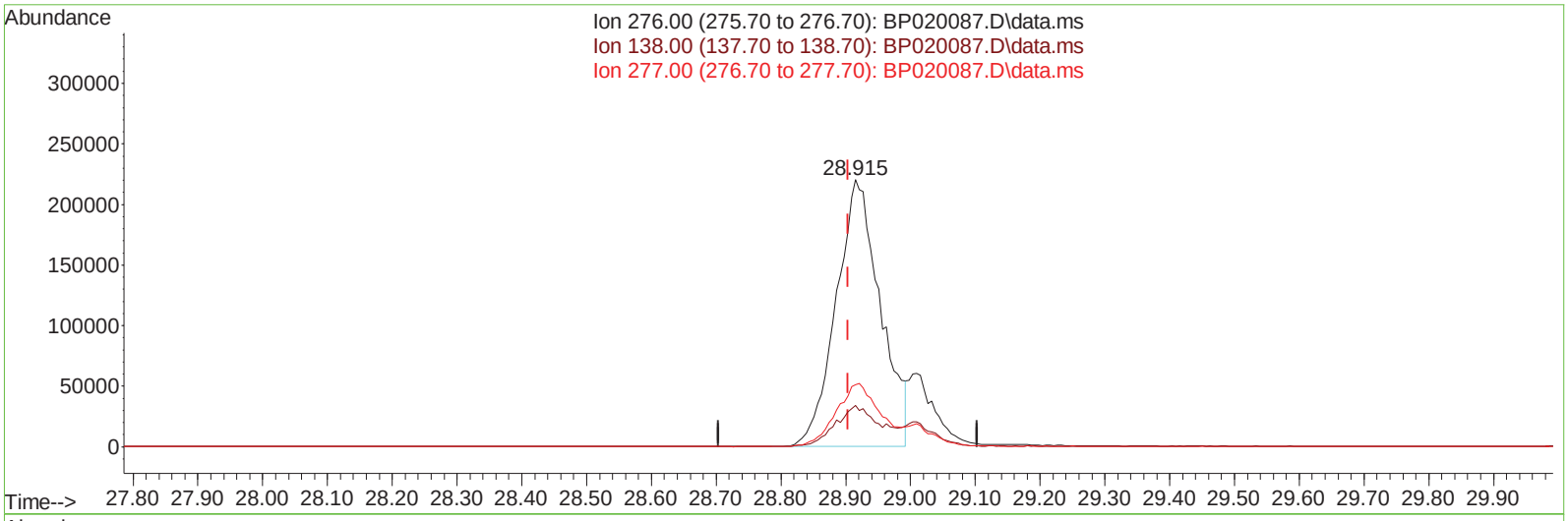

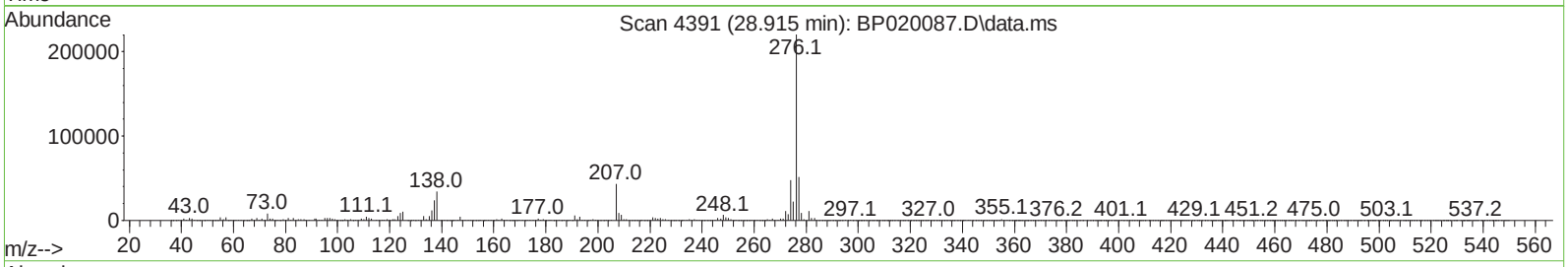

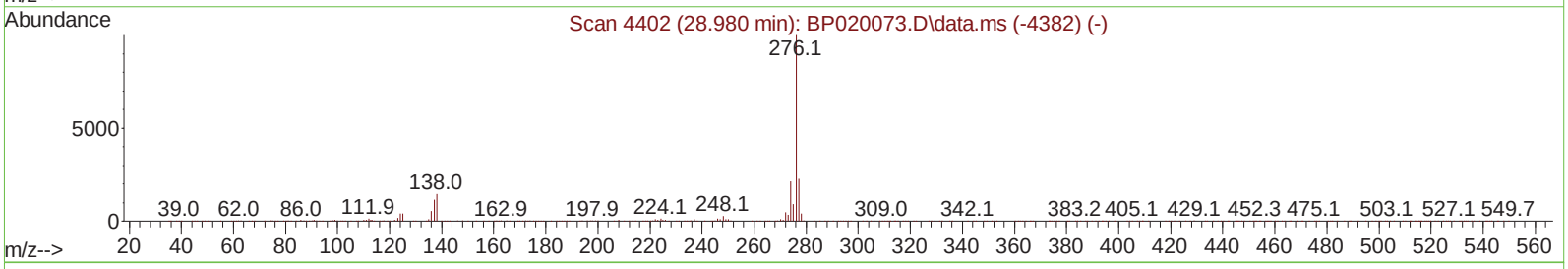

TIC: BP020087.D\data.ms

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

28.915min (+ 0.012) 18.28 ng/ul

response 1043630

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	15.46
277.00	23.30	23.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Instrument :
BNA_P
LabSampleId :
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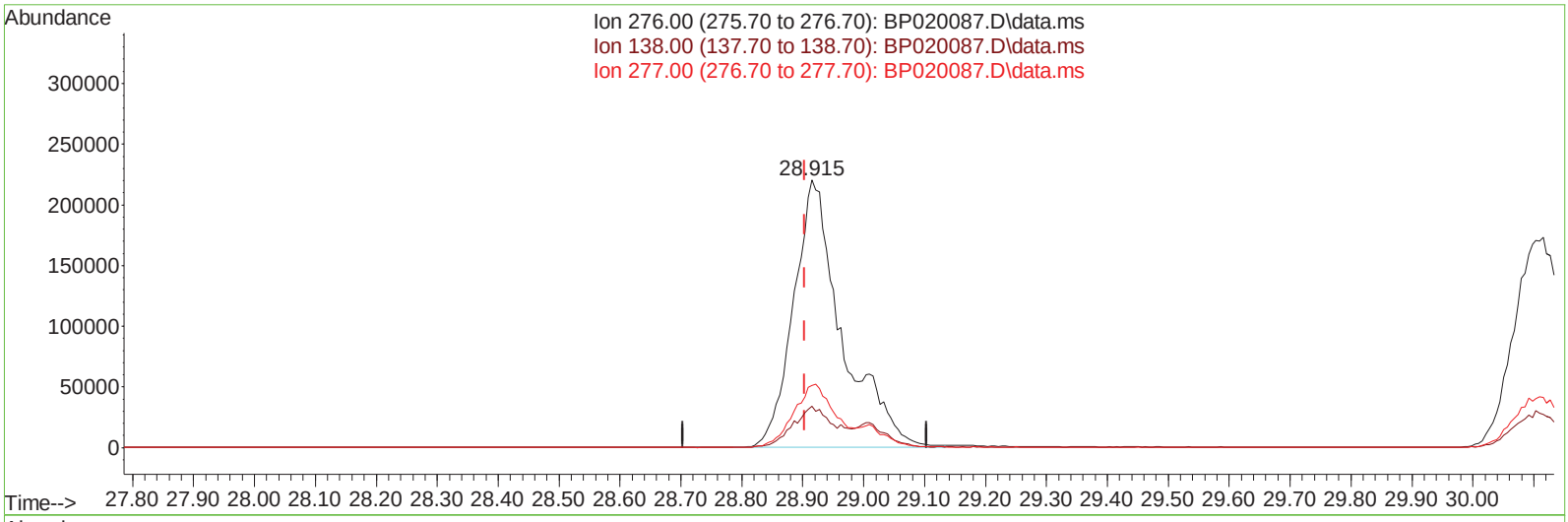
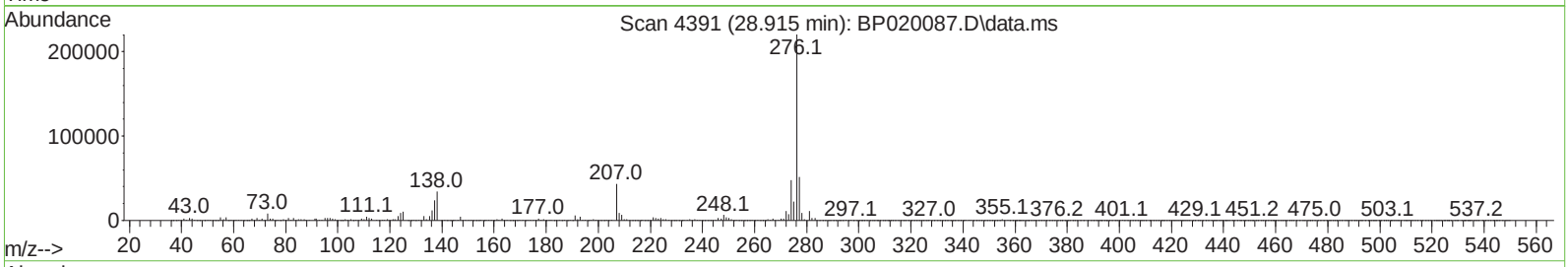
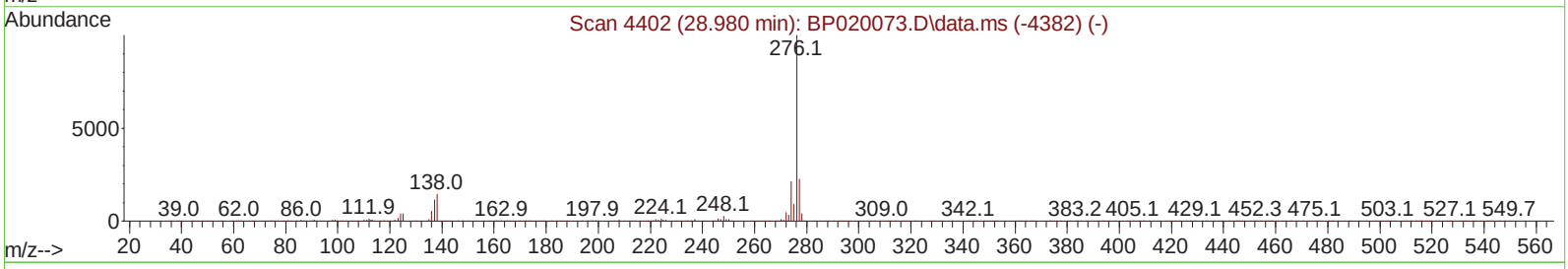
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BP020087.D\data.ms

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

28.915min (+ 0.012) 21.35 ng/ul m

response 1218942

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	15.46
277.00	23.30	23.28
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	137551	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	551767	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	367477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	822088	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	757433	20.000	ng/ul	0.00
88) Perylene-d12	25.057	264	847724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	26335	7.845	ng/uL	0.00
4) Pyridine-d5	3.628	84	187986	19.025	ng/ul	0.00
7) Phenol-d5	6.822	99	242556	20.233	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	162205	19.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	181047	22.119	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	186466	19.912	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	88078	22.192	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	101536	23.667	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	190867	22.426	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	239507	21.080	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	537923	21.419	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	645367	21.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	89972	23.534	ng/ul	0.00
60) Fluorene-d10	15.339	176	479038	21.428	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	76363	15.900	ng/ul	0.00
73) Anthracene-d10	17.263	188	773519	21.002	ng/ul	0.00
81) Pyrene-d10	19.675	212	924917	22.722	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.821	264	860731	20.785	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	28960	7.674	ng/uL	94
5) Pyridine	3.652	79	196269	19.184	ng/ul	97
6) Benzaldehyde	6.805	77	167578	23.383	ng/ul	98
8) Phenol	6.852	94	253172	20.041	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.081	93	204452	19.820	ng/ul	97
12) 2-Chlorophenol	7.205	128	185522	21.510	ng/ul	95
13) 2-Methylphenol	8.081	108	183913	19.865	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.158	45	294528	19.535	ng/ul	98
16) Acetophenone	8.463	105	311884	19.443	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	177711	18.965	ng/ul	97
18) 4-Methylphenol	8.410	108	195708	19.866	ng/ul	98
19) Hexachloroethane	8.687	117	89433	21.067	ng/ul	98
22) Nitrobenzene	8.840	77	271913	21.022	ng/ul	97
23) Isophorone	9.357	82	486855	20.280	ng/ul	98
25) 2-Nitrophenol	9.540	139	104434	22.853	ng/ul	95
26) 2,4-Dimethylphenol	9.599	107	228057	20.862	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	274862	20.419	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	183525	22.145	ng/ul	99
30) Naphthalene	10.463	128	596410	20.844	ng/ul	99
32) 4-Chloroaniline	10.593	127	234843	20.833	ng/ul	100
33) Hexachlorobutadiene	10.722	225	149327	21.912	ng/ul	98
34) Caprolactam	11.393	113	59410m	22.873	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	217897	21.931	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.093	142	402203	20.361	ng/ul	99
37) 1-Methylnaphthalene	12.310	142	404877	20.639	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.463	216	256580	21.425	ng/ul#	96
40) Hexachlorocyclopentadiene	12.422	237	96834	14.036	ng/ul	97
41) 2,4,6-Trichlorophenol	12.722	196	159689	22.254	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	173139	23.212	ng/ul	100
43) 1,1'-Biphenyl	13.128	154	544220	20.657	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	442692	21.034	ng/ul	97
45) 2-Nitroaniline	13.398	65	160483	23.470	ng/ul	90
47) Dimethylphthalate	13.781	163	555415	21.537	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	114544	23.538	ng/ul	92
50) Acenaphthylene	14.034	152	710073	21.045	ng/ul	99
51) 3-Nitroaniline	14.245	138	119655	25.978	ng/ul	96
52) Acenaphthene	14.381	153	467218	21.007	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	45808	15.654	ng/ul	95
55) 4-Nitrophenol	14.581	109	93946	21.569	ng/ul	96
56) Dibenzofuran	14.728	168	648003	21.102	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	168034	24.392	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.963	232	156373	24.208	ng/ul#	98
59) Diethylphthalate	15.175	149	571544	22.070	ng/ul	100
61) Fluorene	15.398	166	538957	21.242	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	291344	21.134	ng/ul	98
63) 4-Nitroaniline	15.445	138	118891	29.072	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.504	198	81568	16.340	ng/ul	96
67) N-Nitrosodiphenylamine	15.622	169	452291	19.890	ng/ul	96
68) 4-Bromophenyl-phenylether	16.322	248	186231	20.655	ng/ul	95
69) Hexachlorobenzene	16.428	284	211554	21.676	ng/ul	97
70) Atrazine	16.622	200	184850	22.136	ng/ul	96
71) Pentachlorophenol	16.798	266	134707	22.771	ng/ul	99
72) Phenanthrene	17.198	178	882628	20.677	ng/ul	100
74) Anthracene	17.304	178	901403	20.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	254230	19.506	ng/uL	95
76) Pentachlorobenzene	14.640	250	248215	20.238	ng/uL	99
77) Carbazole	17.598	167	800165	21.449	ng/ul	100
78) Di-n-butylphthalate	18.192	149	993175	22.067	ng/ul	99
80) Fluoranthene	19.322	202	1093482	22.849	ng/ul	99
82) Pyrene	19.704	202	1116577	22.426	ng/ul	97
83) Butylbenzylphthalate	20.674	149	465349	24.513	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.569	252	325806	19.453	ng/ul	99
85) Benzo(a)anthracene	21.645	228	1104776	21.086	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	665417	22.737	ng/ul	97
87) Chrysene	21.710	228	1032388	20.924	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	1132693	21.619	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	1070302	20.949	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	1057444	20.189	ng/ul	99
93) Benzo(a)pyrene	24.898	252	998485	20.281	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	1218942m	21.352	ng/ul	
95) Dibenzo(a,h)anthracene	29.009	278	1008665	21.685	ng/ul	98
96) Benzo(g,h,i)perylene	30.115	276	949258	20.789	ng/ul	99

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