Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021042.D
Acq On : 18 Jul 2024 09:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 18 11:04:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

07/18/2024
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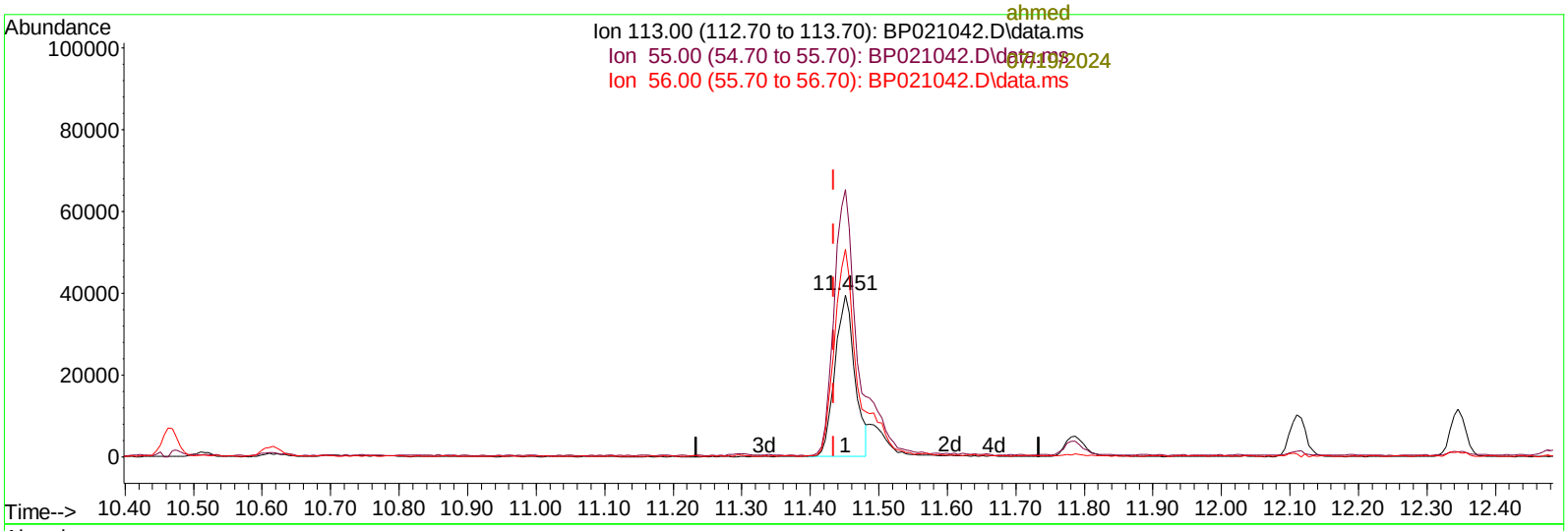

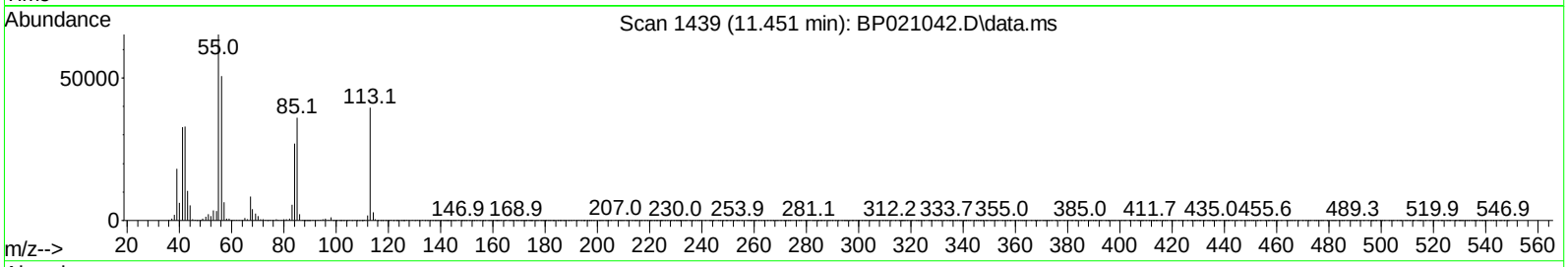

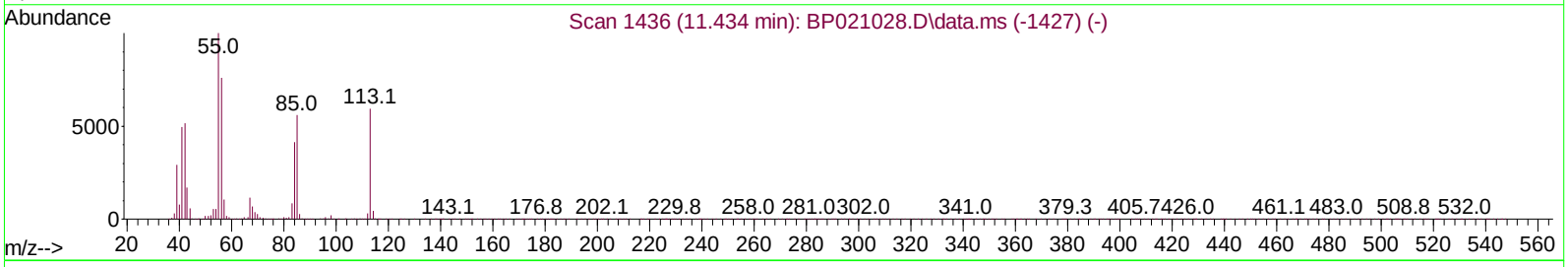

TIC: BP021042.D\data.ms

(34) Caprolactam

11.451min (+ 0.017) 16.62 ng/ul

response 79598

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	165.12
56.00	131.90	128.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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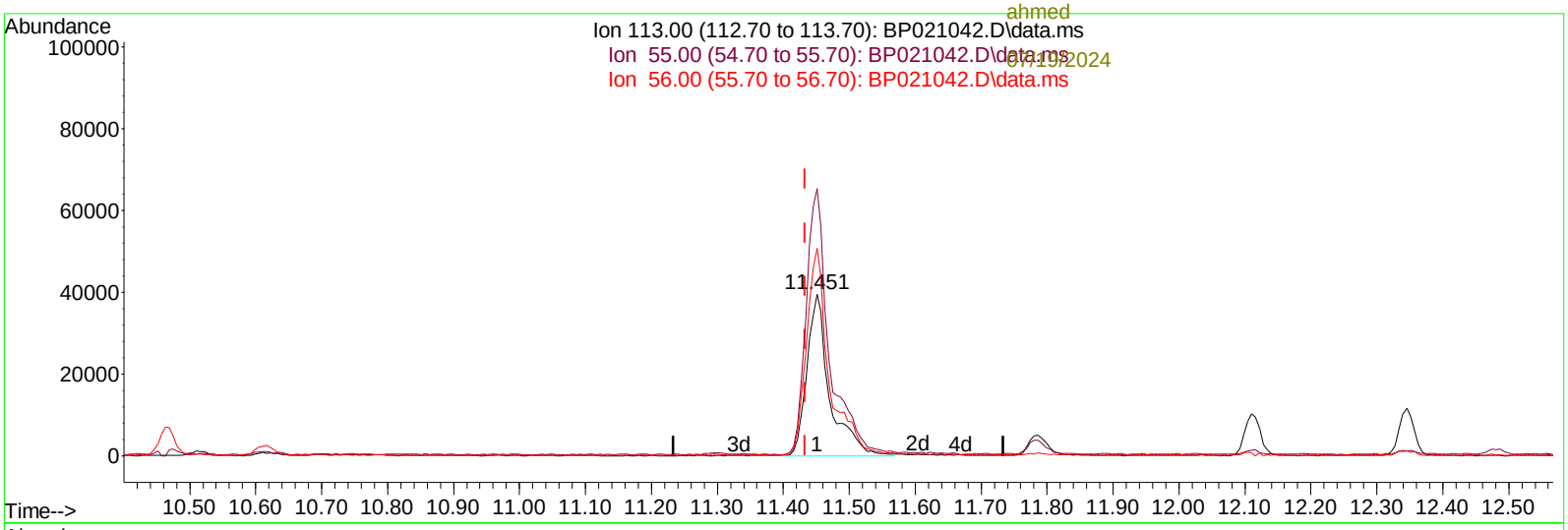

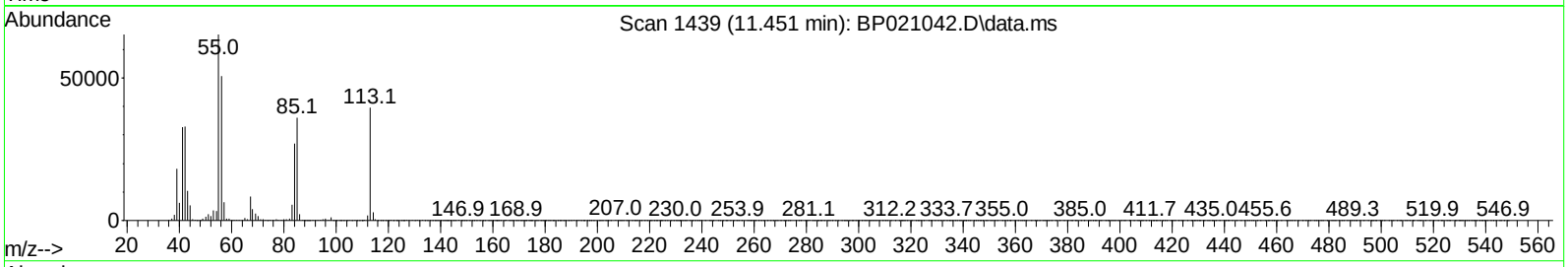

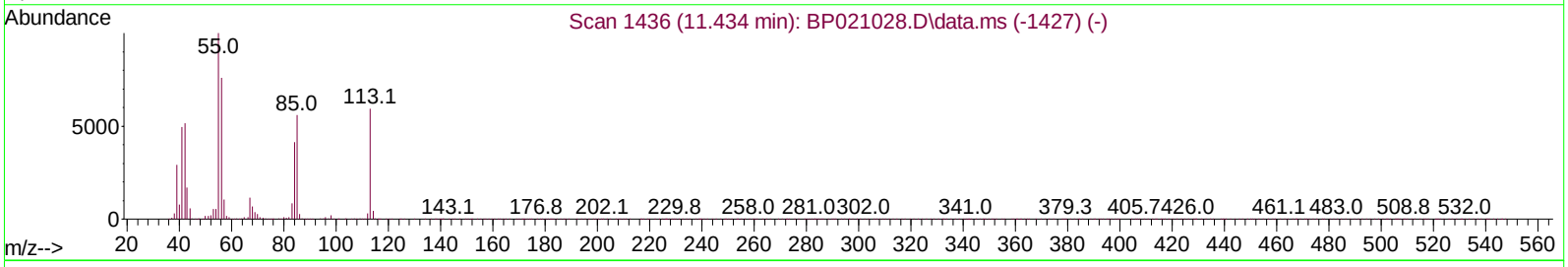

TIC: BP021042.D\data.ms

(34) Caprolactam

11.451min (+ 0.017) 19.82 ng/ul m

response 94932

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	165.12
56.00	131.90	128.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021042.D
Acq On : 18 Jul 2024 09:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

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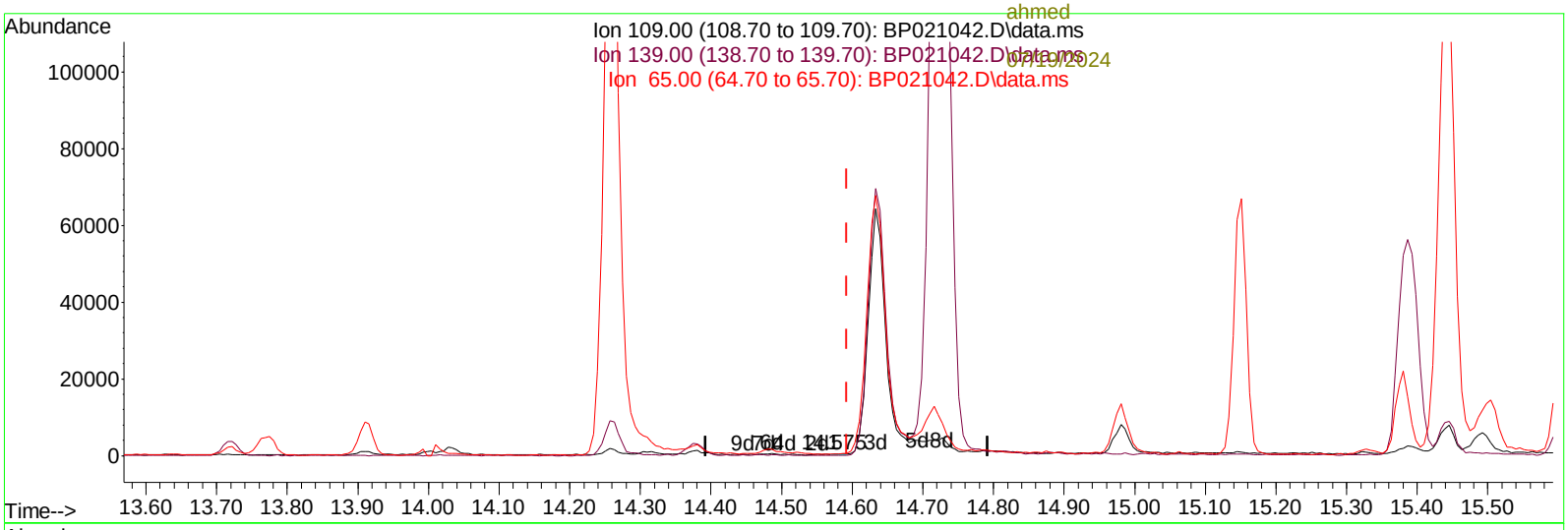

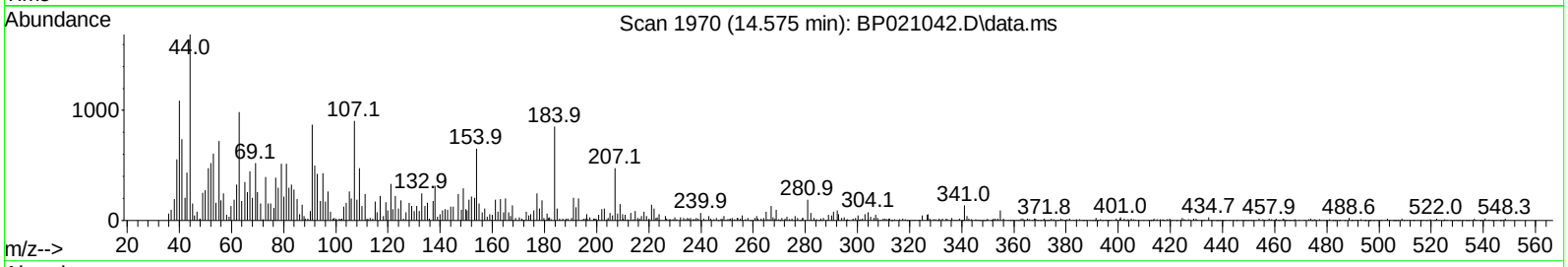

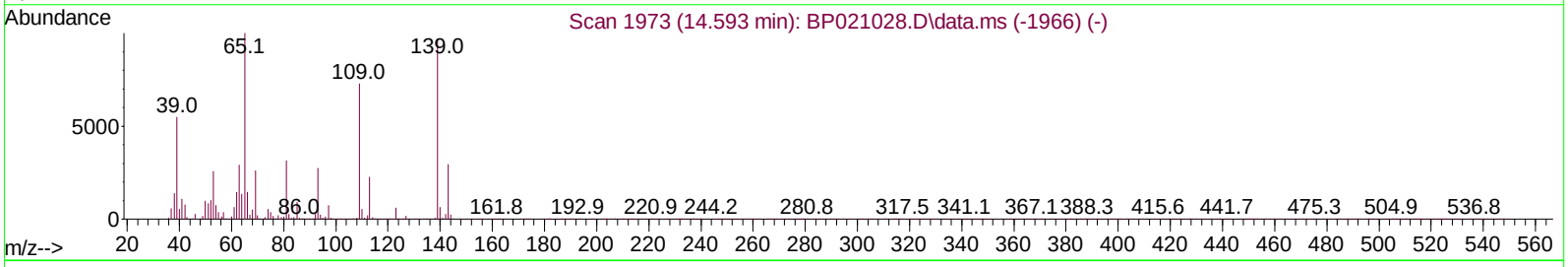

TIC: BP021042.D\data.ms

(55) 4-Nitrophenol

14.575min (-0.018) 0.02 ng/ul

response 126

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	6.95#
65.00	132.50	73.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021042.D
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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 18 11:04:11 2024
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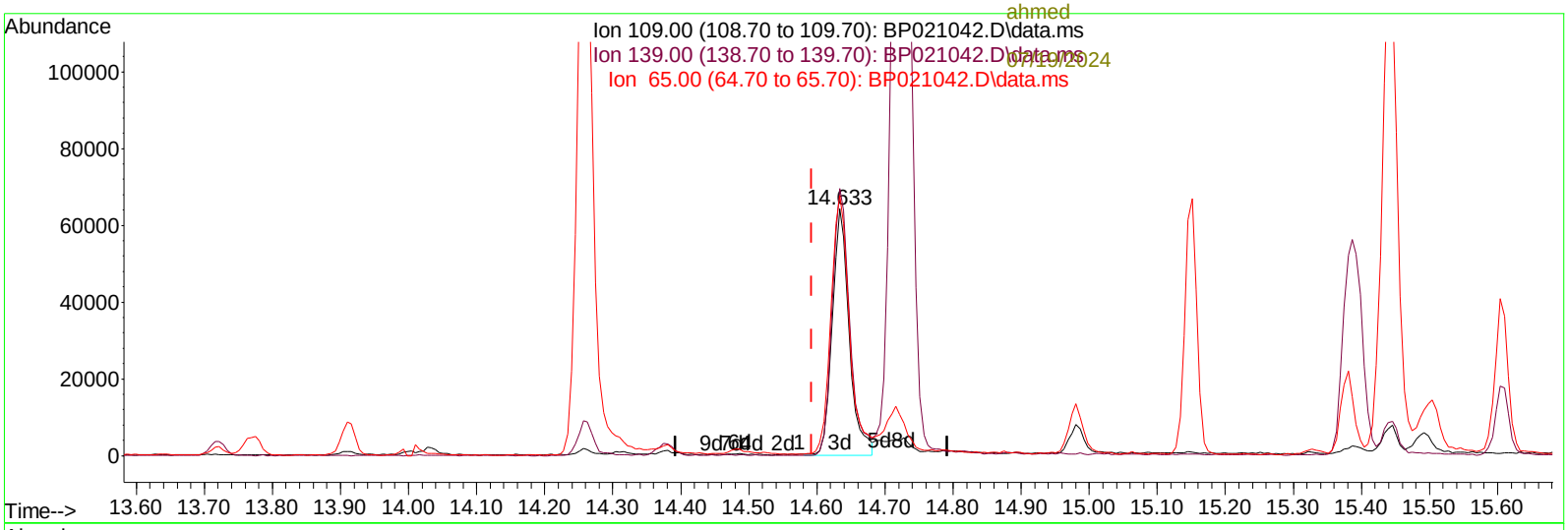

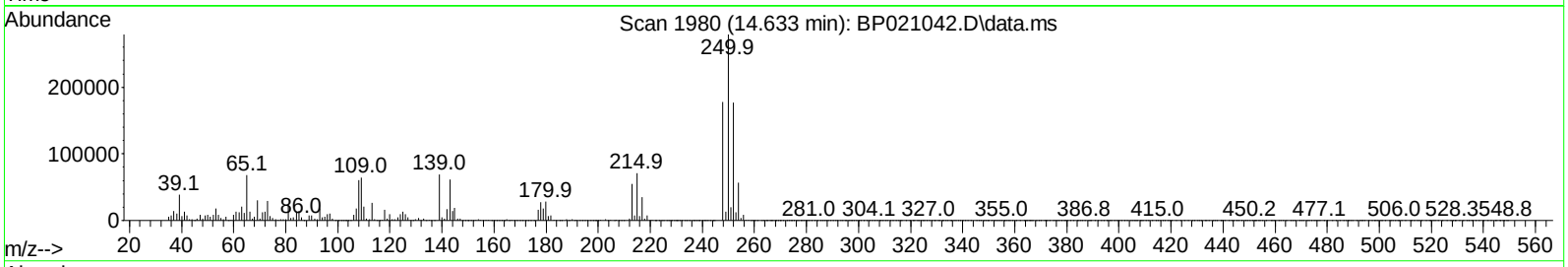

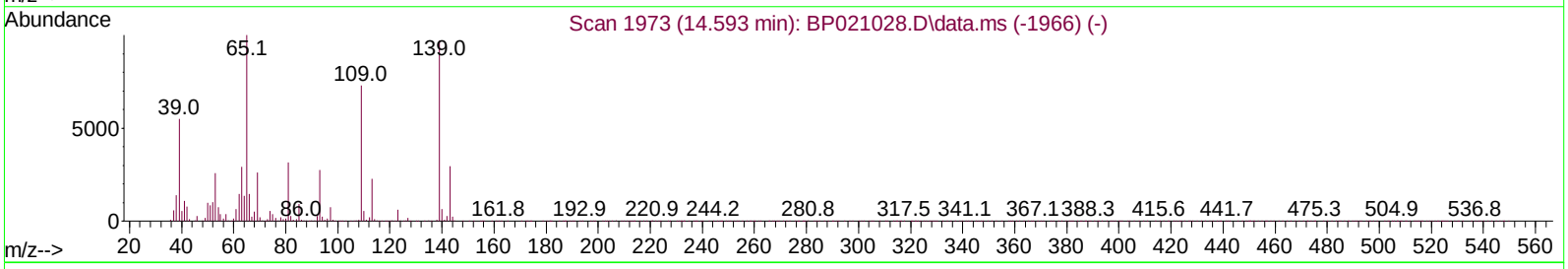

TIC: BP021042.D\data.ms

(55) 4-Nitrophenol

14.633min (+ 0.041) 20.23 ng/ul m

response 111756

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	108.07
65.00	132.50	105.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 18 11:04:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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LabSampleId :
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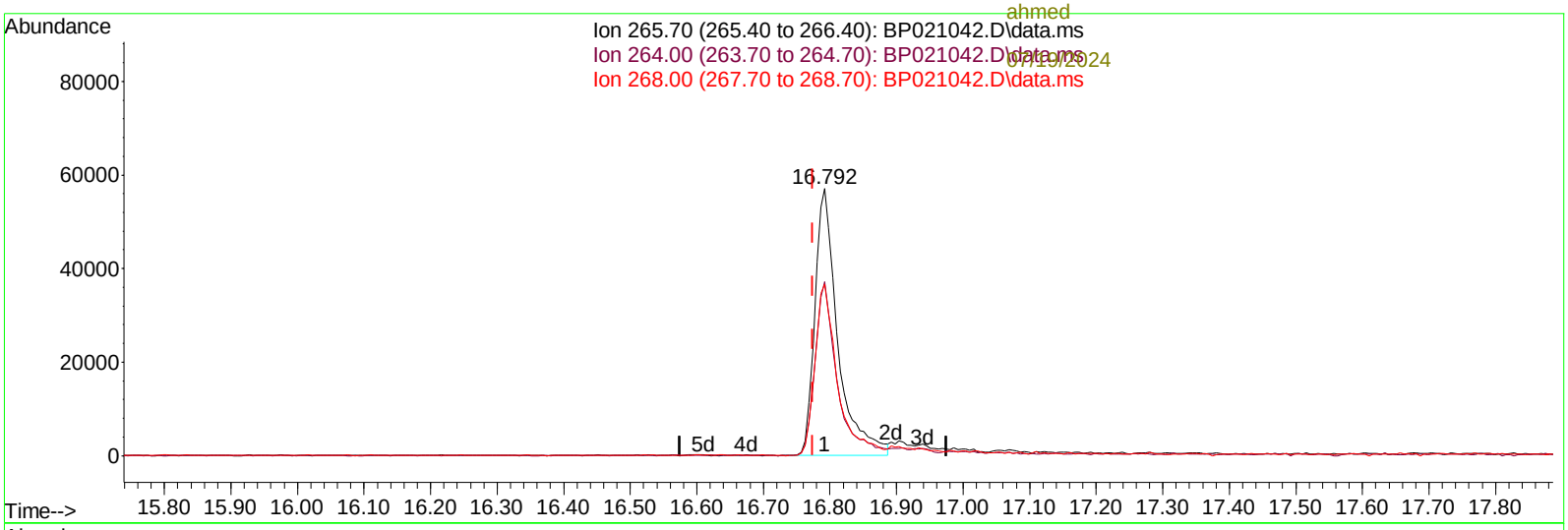

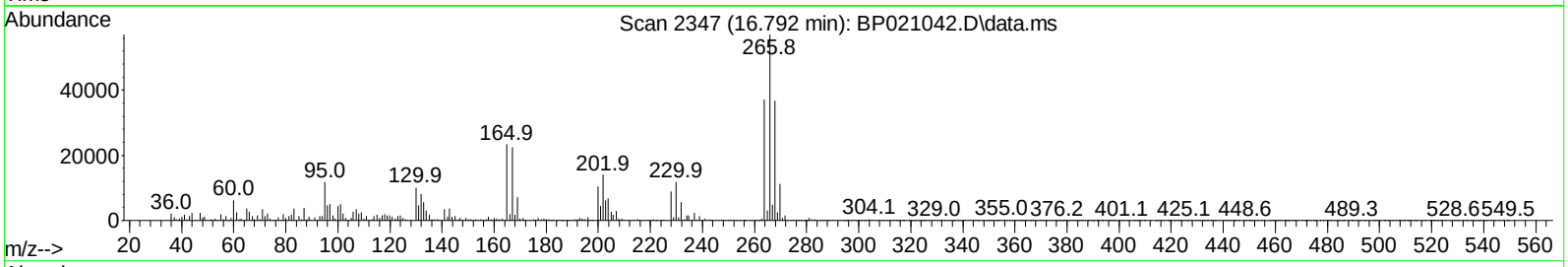

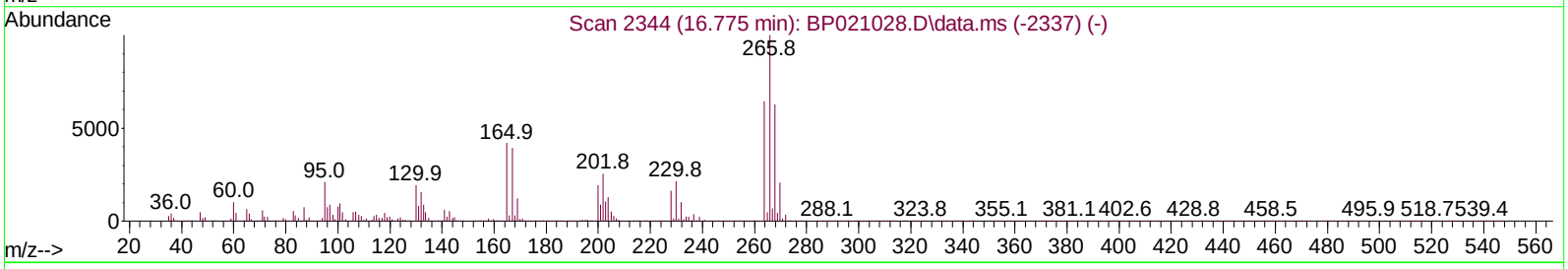

TIC: BP021042.D\data.ms

(71) Pentachlorophenol (C)

16.792min (+ 0.017) 13.49 ng/ul

response 136676

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	65.40	65.22
268.00	65.40	64.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021042.D
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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 18 11:04:11 2024
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Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

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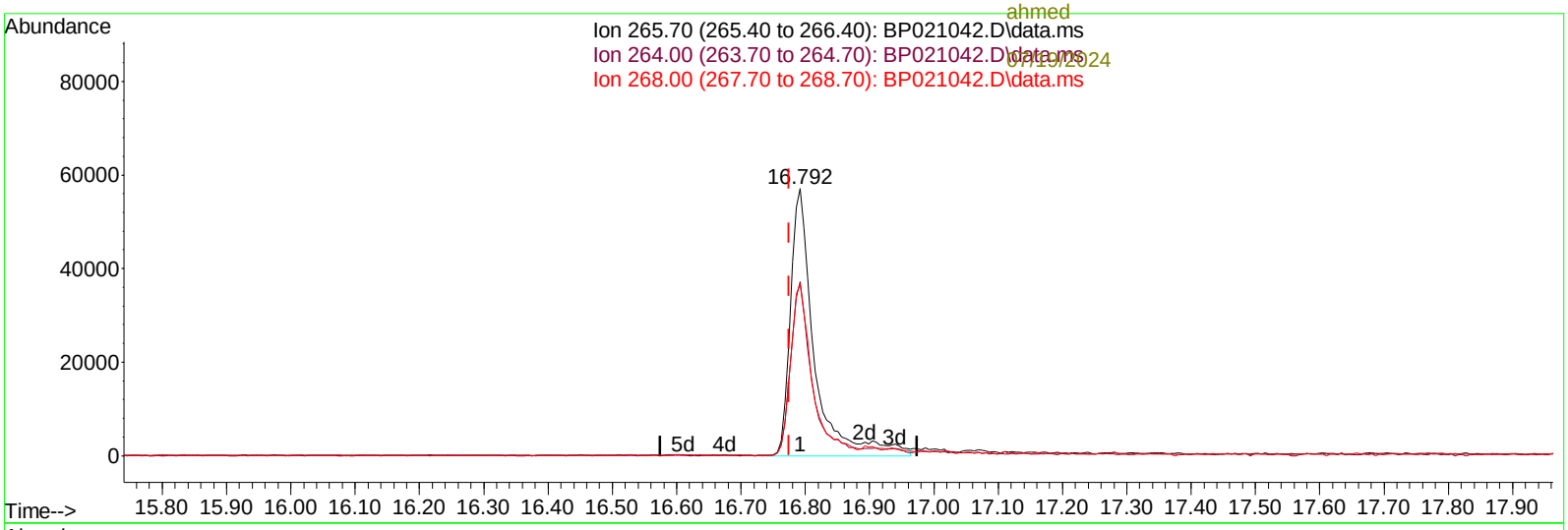

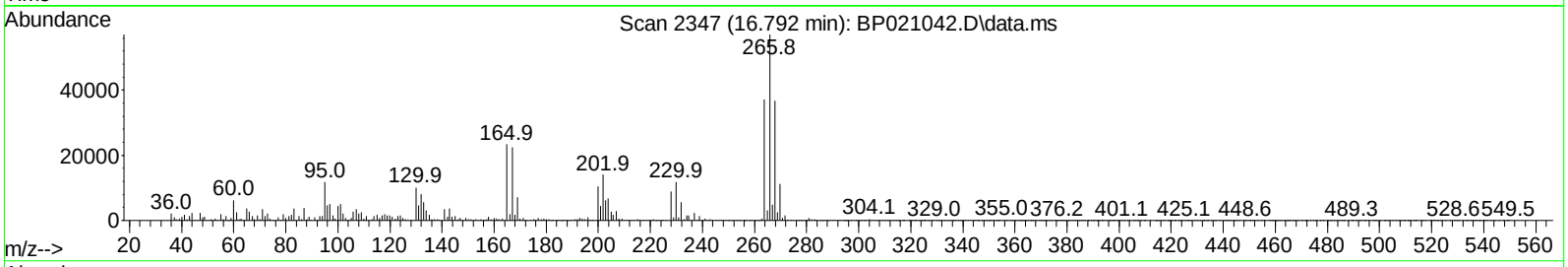

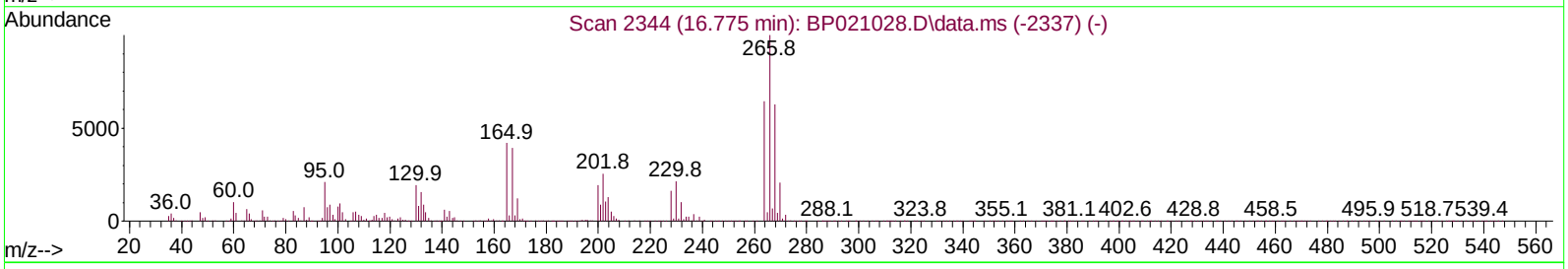

TIC: BP021042.D\data.ms

(71) Pentachlorophenol (C)

16.792min (+ 0.017) 14.57 ng/ul m

response 147677

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	65.40	65.22
268.00	65.40	64.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021042.D
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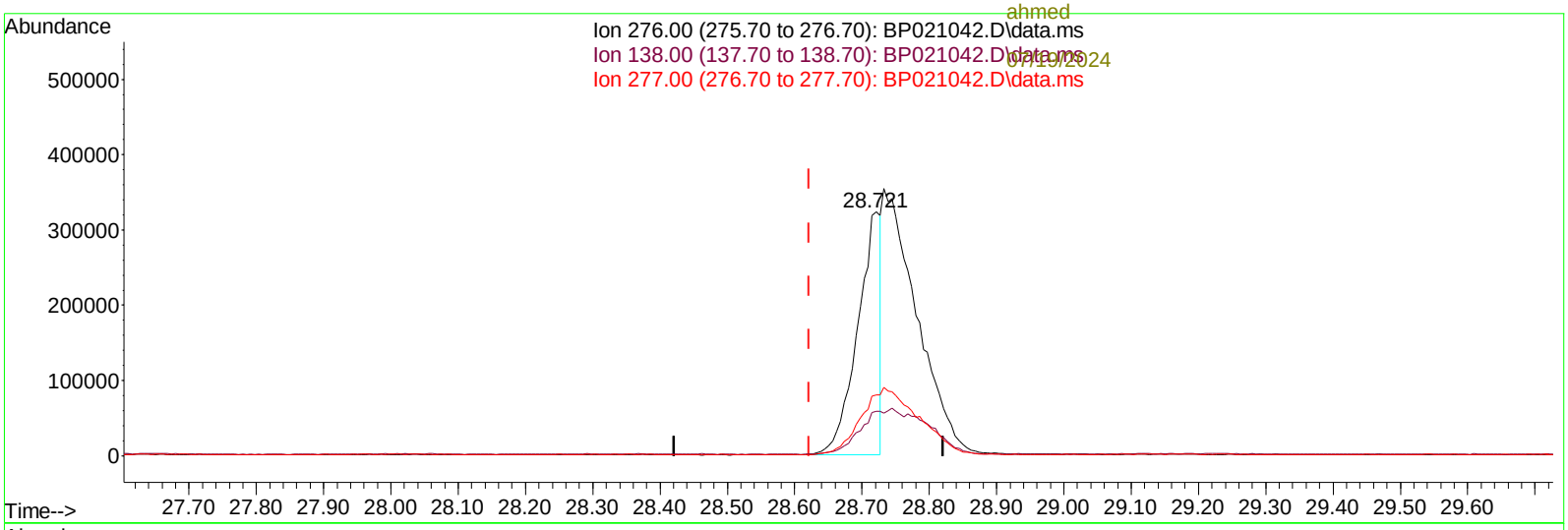

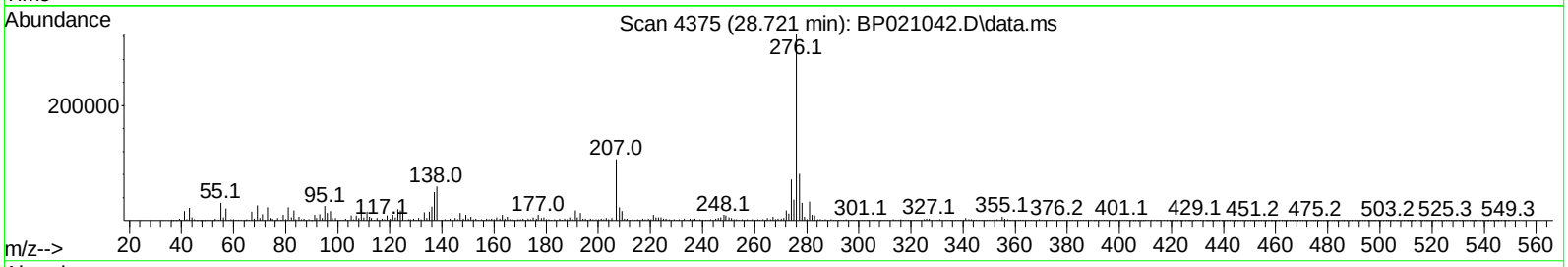

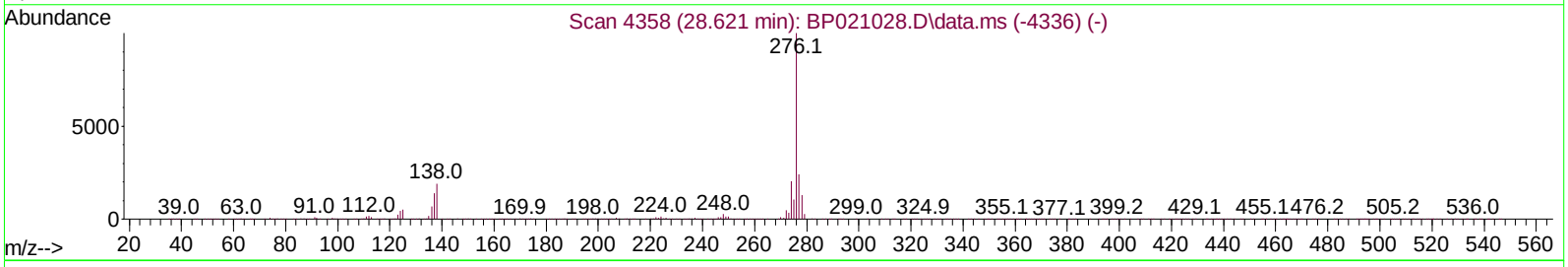

TIC: BP021042.D\data.ms

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

28.721min (+ 0.100) 7.07 ng/ul

response 774679

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.20
277.00	24.00	25.02
0.00	0.00	0.00

Quantitation Report (Qedit)

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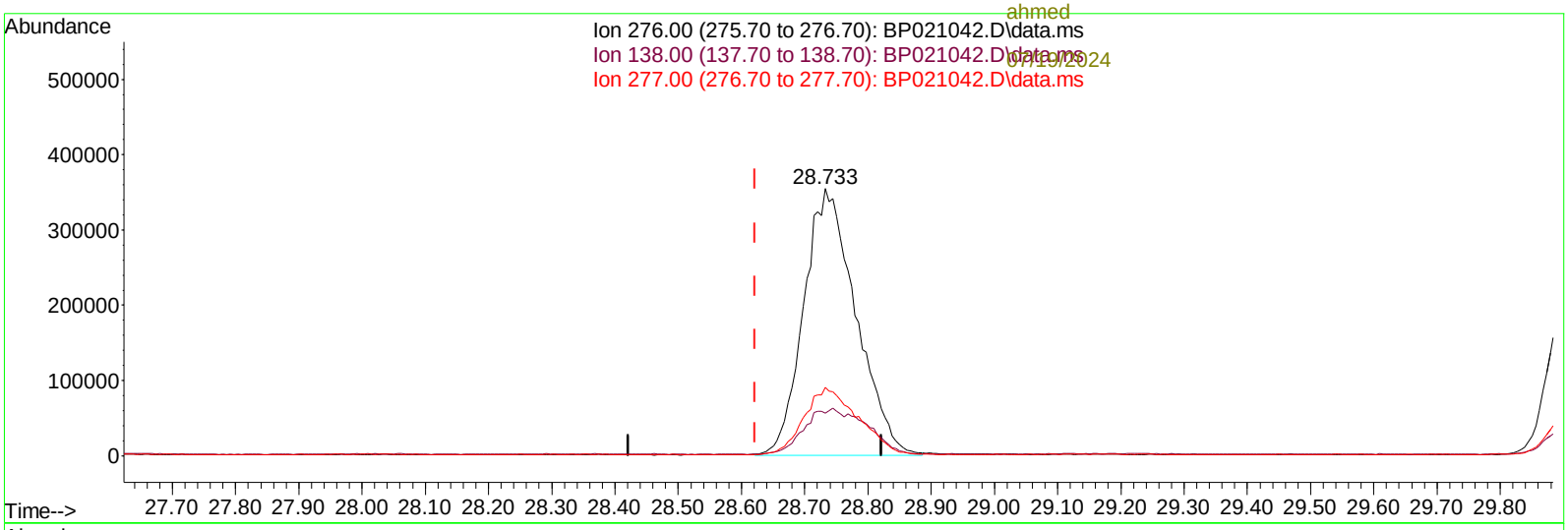

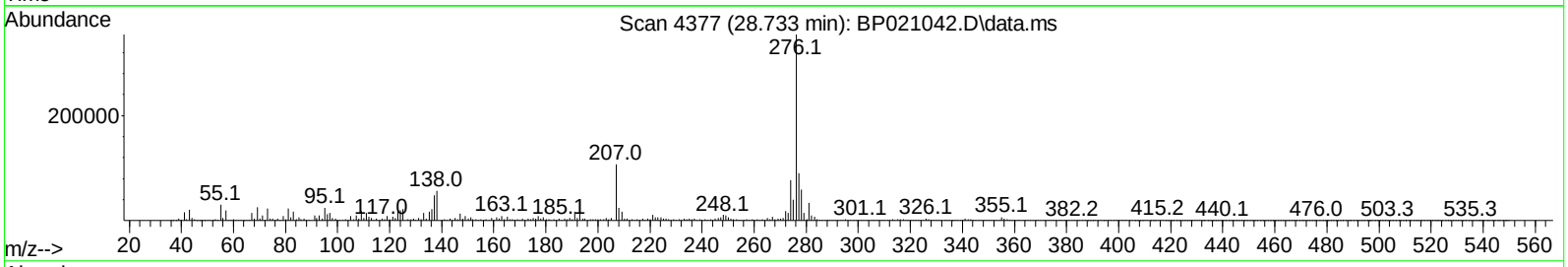

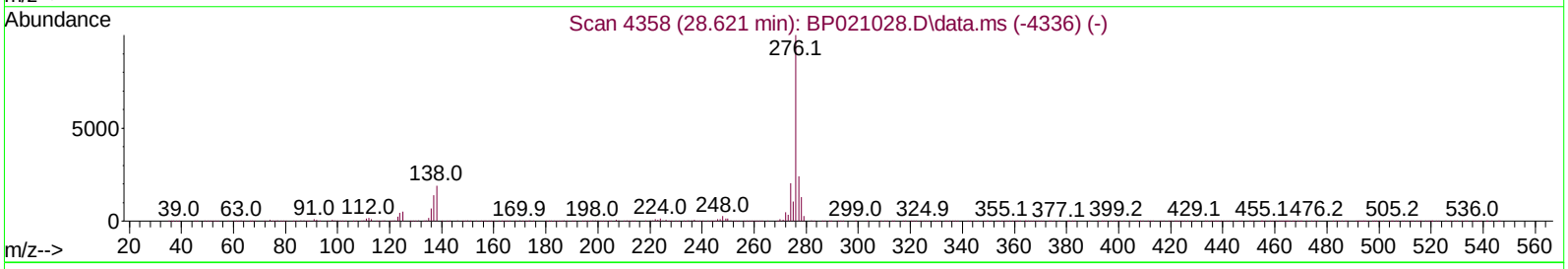

TIC: BP021042.D\data.ms

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

28.733min (+ 0.111) 18.47 ng/ul m

response 2023245

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.04
277.00	24.00	25.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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Acq On : 18 Jul 2024 09:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 18 11:10:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	227123	20.000	ng/ul	0.02
20) Naphthalene-d8	10.469	136	981619	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.316	164	656653	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	1388344	20.000	ng/ul	0.01
79) Chrysene-d12	21.586	240	1246131	20.000	ng/ul	0.02
88) Perylene-d12	24.927	264	1482139	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	32718	6.555	ng/uL	0.00
4) Pyridine-d5	3.669	84	252430	17.470	ng/ul	0.01
7) Phenol-d5	6.922	99	354218	19.130	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.052	67	203561	18.140	ng/ul	0.02
11) 2-Chlorophenol-d4	7.257	132	294921	19.331	ng/ul	0.02
15) 4-Methylphenol-d8	8.434	113	297720	19.359	ng/ul	0.04
21) Nitrobenzene-d5	8.863	128	148080	19.422	ng/ul	0.03
24) 2-Nitrophenol-d4	9.563	143	172110	19.723	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.122	165	310438	19.673	ng/ul	0.04
31) 4-Chloroaniline-d4	10.610	131	404398	19.345	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	899873	18.851	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1046425	19.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	162565	23.936	ng/ul	0.05
60) Fluorene-d10	15.328	176	768400	19.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	101796	12.118	ng/ul	0.03
73) Anthracene-d10	17.233	188	1214037	19.688	ng/ul	0.00
81) Pyrene-d10	19.627	212	1328883	17.249	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.698	264	1391865	19.041	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	35478	6.463	ng/uL	100
5) Pyridine	3.687	79	261117	17.520	ng/ul	100
6) Benzaldehyde	6.875	77	210756	22.577	ng/ul	99
8) Phenol	6.952	94	358712	19.145	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.146	93	278403	17.986	ng/ul	98
12) 2-Chlorophenol	7.293	128	292666	19.140	ng/ul	98
13) 2-Methylphenol	8.175	108	282149	19.471	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.228	45	404848	18.104	ng/ul	97
16) Acetophenone	8.522	105	456117	19.216	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.499	70	228576	18.379	ng/ul	99
18) 4-Methylphenol	8.499	108	301693	19.434	ng/ul	100
19) Hexachloroethane	8.751	117	117298	17.071	ng/ul	98
22) Nitrobenzene	8.904	77	340237	18.629	ng/ul	98
23) Isophorone	9.410	82	659532	18.164	ng/ul	99
25) 2-Nitrophenol	9.593	139	176894	19.436	ng/ul	97
26) 2,4-Dimethylphenol	9.675	107	340749	18.986	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.875	93	391625	17.744	ng/ul	99
29) 2,4-Dichlorophenol	10.145	162	302078	19.425	ng/ul	100
30) Naphthalene	10.516	128	980174	18.983	ng/ul	99
32) 4-Chloroaniline	10.640	127	386684	19.371	ng/ul	98
33) Hexachlorobutadiene	10.775	225	219544	18.828	ng/ul	97
34) Caprolactam	11.451	113	94932m	19.816	ng/ul	
35) 4-Chloro-3-methylphenol	11.787	107	331415	19.606	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021042.D
Acq On : 18 Jul 2024 09:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 18 11:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

07/18/2024
Supervised By :mohammad ahmed
07/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	682322	19.251	ng/ul	97
37) 1-Methylnaphthalene	12.345	142	703647	19.303	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	407837	19.124	ng/ul	98
40) Hexachlorocyclopentadiene	12.445	237	91018	8.159	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	262879	19.509	ng/ul	98
42) 2,4,5-Trichlorophenol	12.839	196	277905	19.492	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	899146	18.736	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	731719	19.100	ng/ul	99
45) 2-Nitroaniline	13.410	65	207670	19.602	ng/ul	100
47) Dimethylphthalate	13.769	163	907815	18.743	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	192970	19.928	ng/ul	98
50) Acenaphthylene	14.034	152	1160460	19.122	ng/ul	100
51) 3-Nitroaniline	14.257	138	192178	22.806	ng/ul	94
52) Acenaphthene	14.381	153	768066	19.068	ng/ul	98
53) 2,4-Dinitrophenol	14.486	184	46266	9.098	ng/ul	96
55) 4-Nitrophenol	14.633	109	111756m	20.228	ng/ul	
56) Dibenzofuran	14.728	168	1057288	19.168	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	277185	20.852	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.981	232	227854	18.663	ng/ul	97
59) Diethylphthalate	15.151	149	915716	18.918	ng/ul	99
61) Fluorene	15.392	166	875749	19.456	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	458782	18.784	ng/ul	98
63) 4-Nitroaniline	15.445	138	192170	27.538	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.504	198	109469	12.289	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	737365	18.239	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	307455	18.894	ng/ul	96
69) Hexachlorobenzene	16.416	284	356274	19.094	ng/ul	98
70) Atrazine	16.592	200	298615	20.267	ng/ul	98
71) Pentachlorophenol	16.792	266	147677m	14.573	ng/ul	
72) Phenanthrene	17.175	178	1374550	19.085	ng/ul	100
74) Anthracene	17.269	178	1388780	18.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	405776	18.261	ng/uL	98
76) Pentachlorobenzene	14.639	250	409557	18.548	ng/uL	99
77) Carbazole	17.569	167	1240966	20.675	ng/ul	100
78) Di-n-butylphthalate	18.127	149	1604476	19.376	ng/ul	100
80) Fluoranthene	19.274	202	1616264	17.372	ng/ul	98
82) Pyrene	19.657	202	1622567	17.138	ng/ul	99
83) Butylbenzylphthalate	20.598	149	694960	17.618	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.498	252	515626	18.108	ng/ul	100
85) Benzo(a)anthracene	21.568	228	1631723	18.693	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1024826	18.053	ng/ul	99
87) Chrysene	21.633	228	1523339	18.780	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	1768637	18.064	ng/ul	100
90) Benzo(b)fluoranthene	23.874	252	1640124	18.235	ng/ul	98
91) Benzo(k)fluoranthene	23.945	252	1667665	18.579	ng/ul	99
93) Benzo(a)pyrene	24.774	252	1586729	18.669	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.733	276	2023245m	18.473	ng/ul	
95) Dibenzo(a,h)anthracene	28.797	278	1696257	18.703	ng/ul	100
96) Benzo(g,h,i)perylene	29.927	276	1601991	17.960	ng/ul	98

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

Instrument :
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ahmed

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Quant Time: Jul 18 11:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
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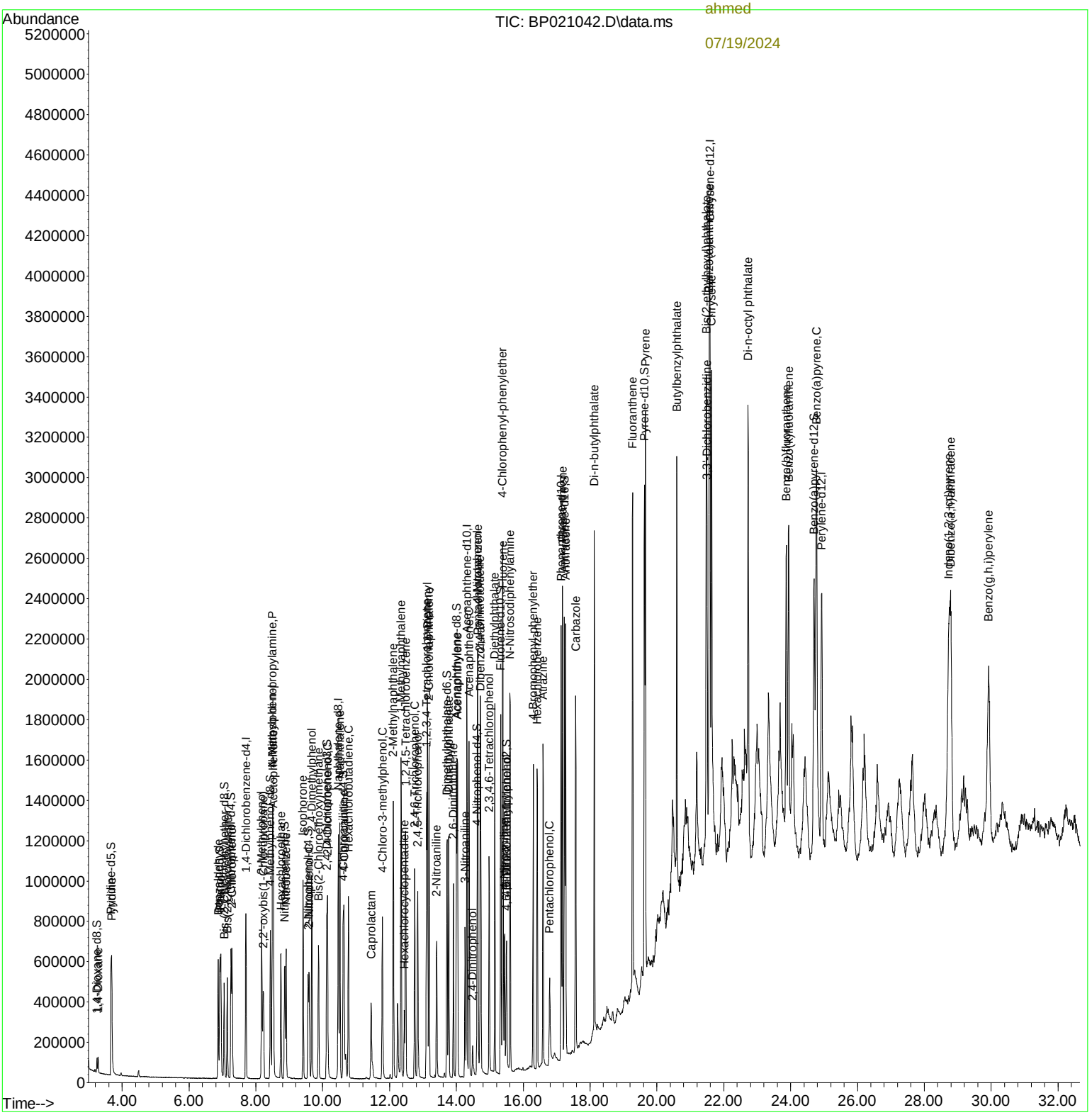
07/19/2024