

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021265.D
Acq On : 31 Jul 2024 17:50
Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

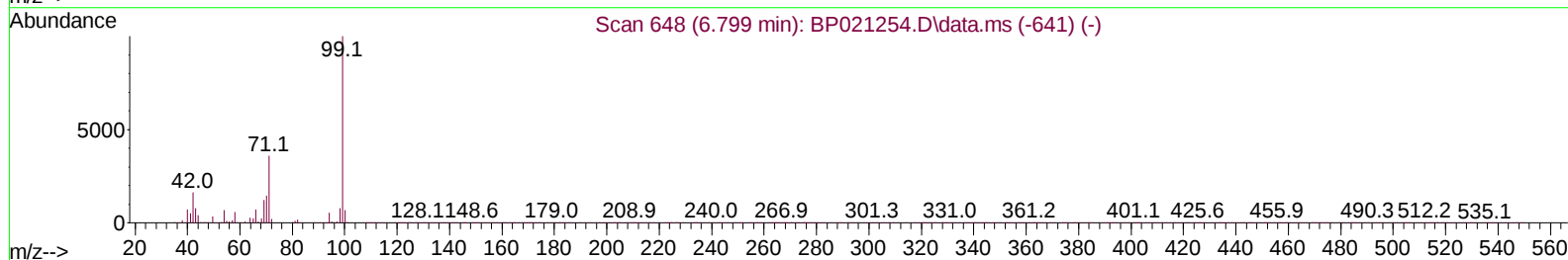
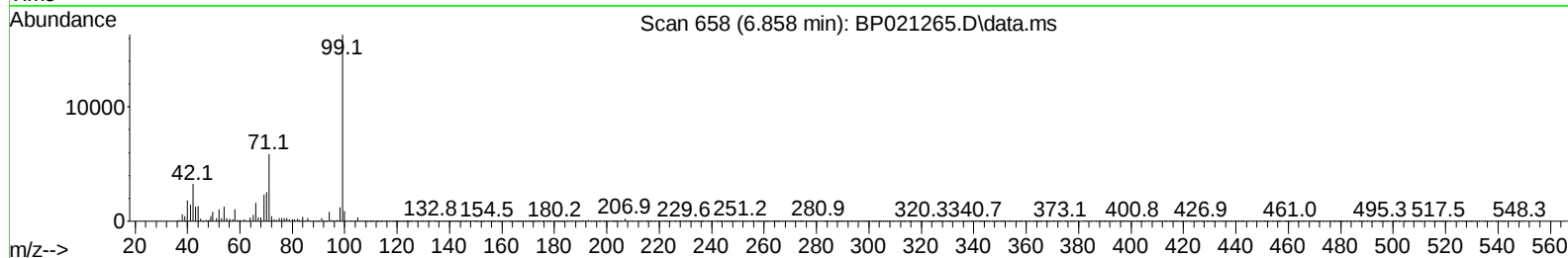
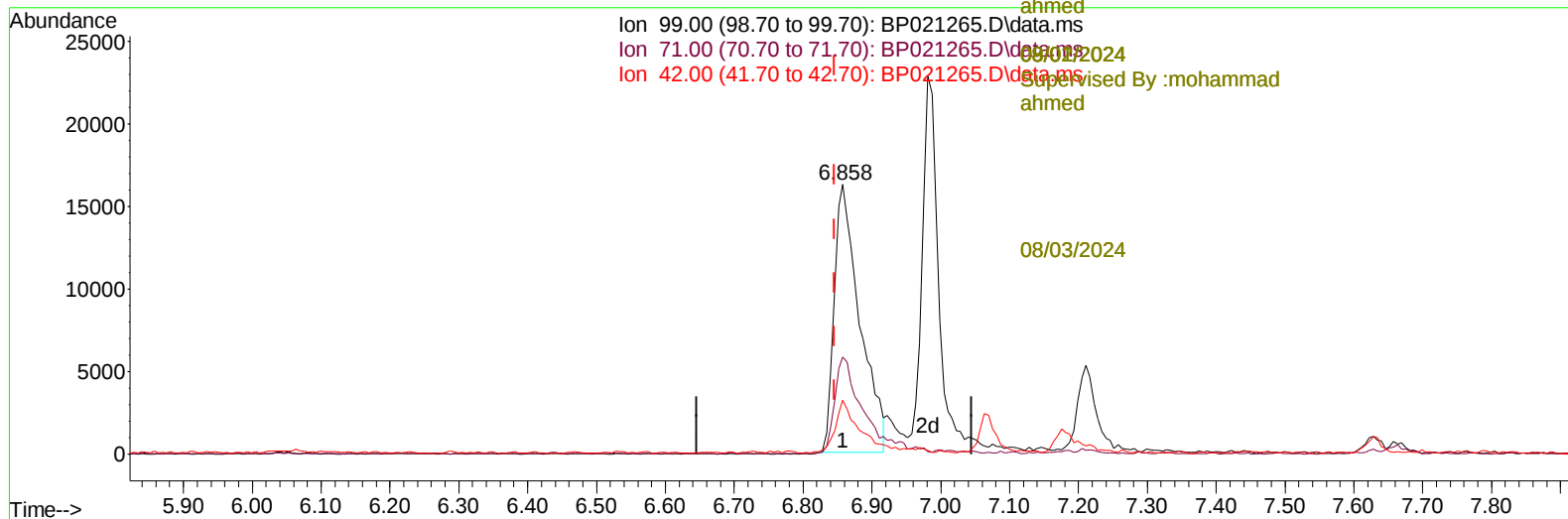
Instrument :
BNA_P
ClientSampleId :
A4DL0DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 31 18:17:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

08/01/2024
Supervised By :mohammad
ahmed
08/01/2024
Supervised By :mohammad
ahmed



TIC: BP021265.D\data.ms

(7) Phenol-d5 (S)

6.858min (+ 0.012) 3.56 ng/u1

response 41852

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	35.60	35.86
42.00	19.30	19.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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ALS Vial : 13 Sample Multiplier: 1

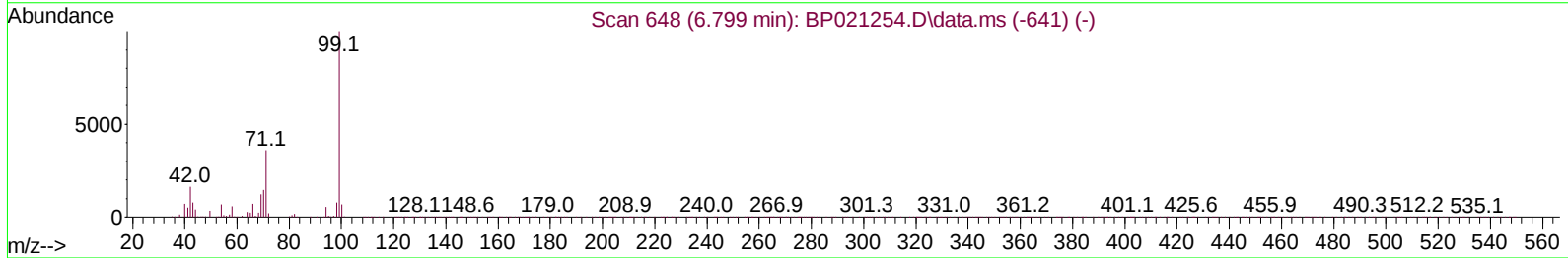
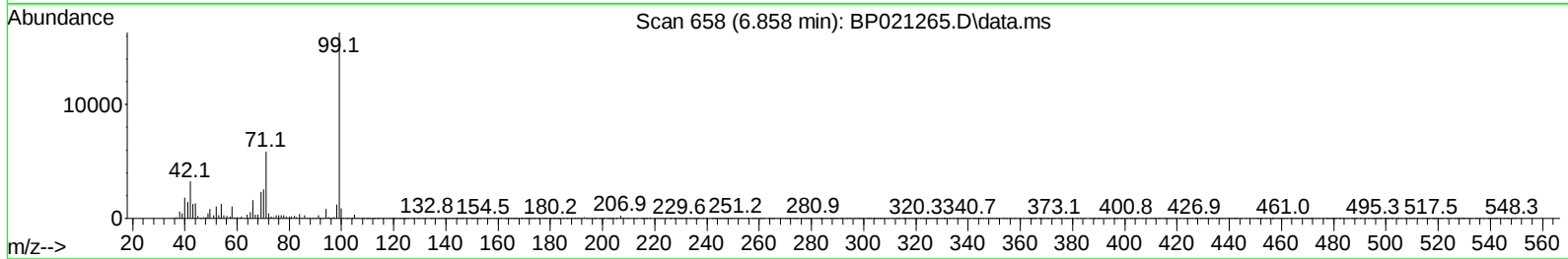
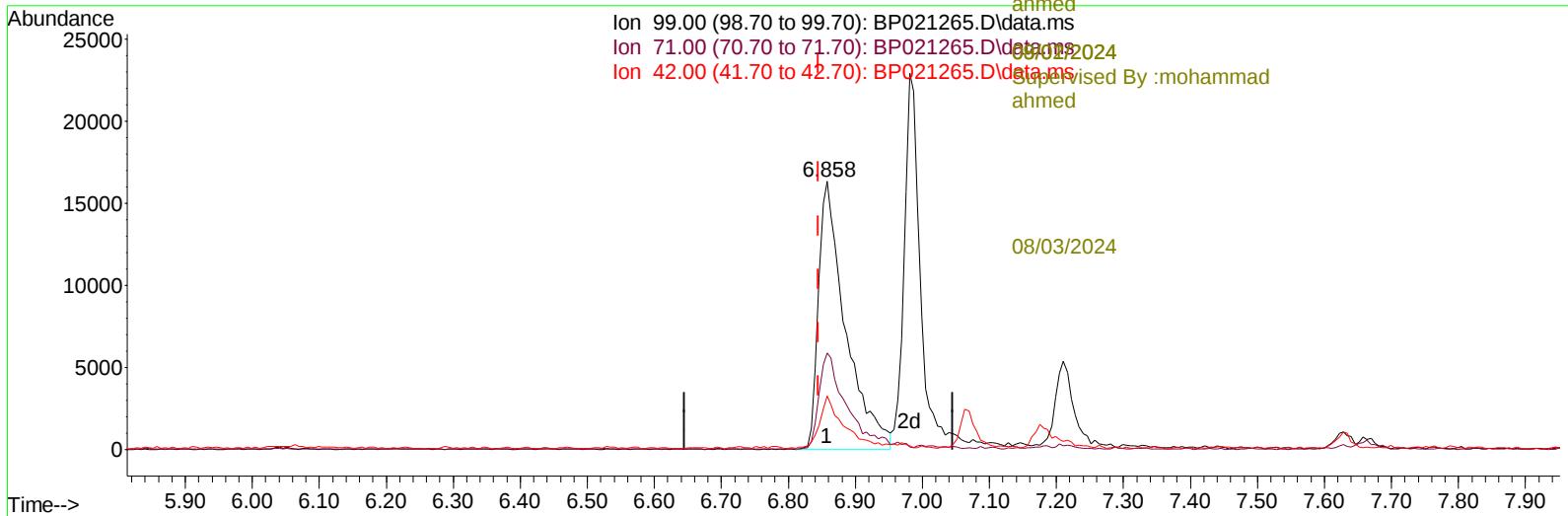
Instrument :
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ahmed



TIC: BP021265.D\data.ms

(7) Phenol-d5 (S)

6.858min (+ 0.012) 3.89 ng/ul m

response 45786

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	35.60	35.86
42.00	19.30	19.94
0.00	0.00	0.00

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Sample : P3265-02DL 5X
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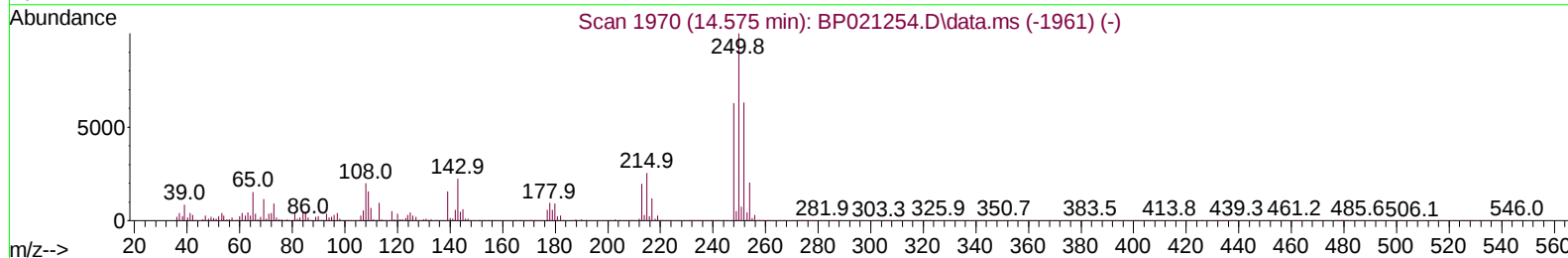
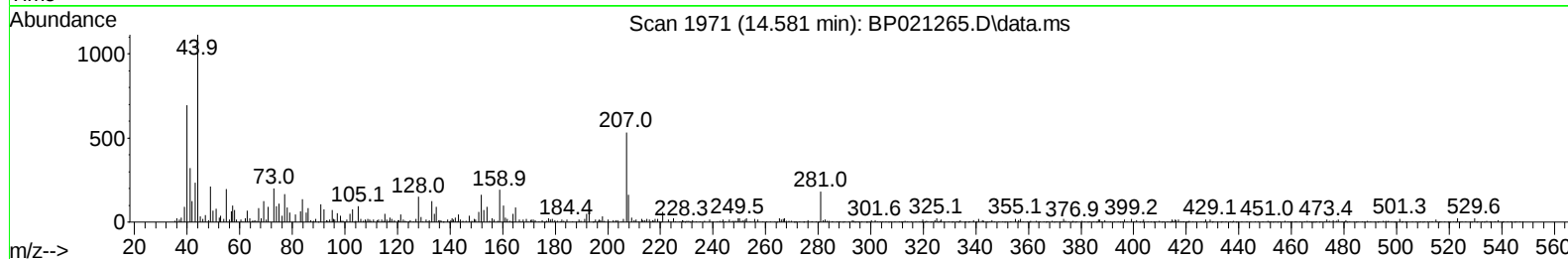
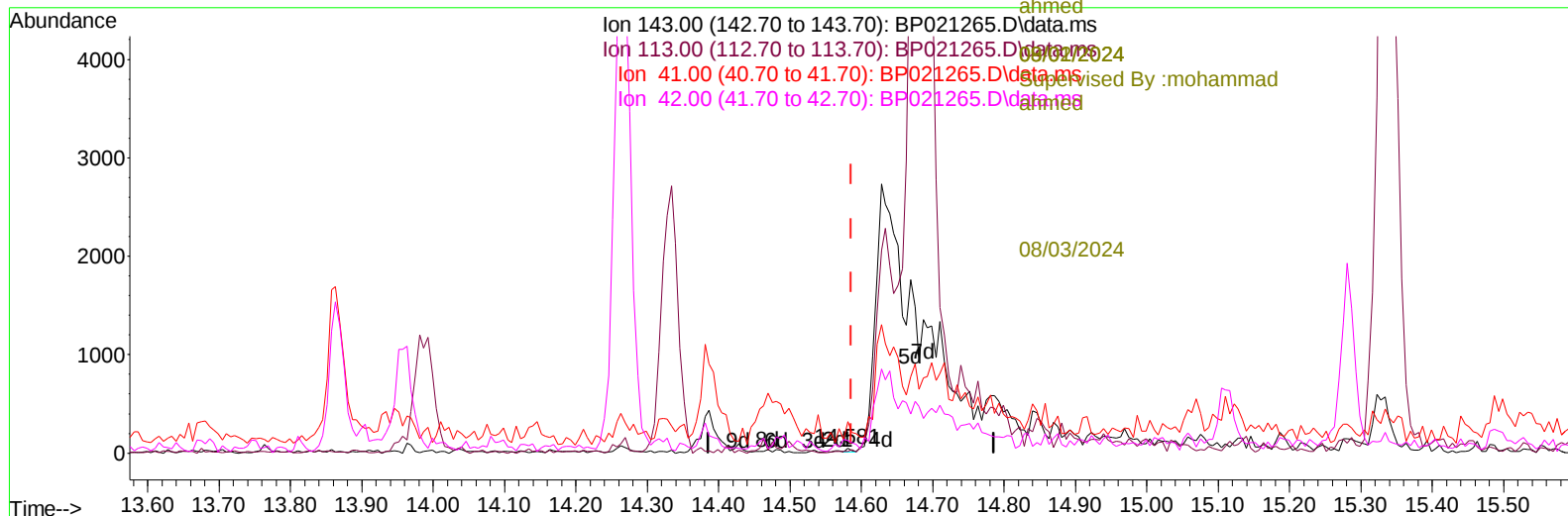
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(54) 4-Nitrophenol-d4 (S)

14.581min (-0.005) 0.00 ng/u1

response 18

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	32.61#
41.00	37.90	697.83#
42.00	27.10	271.74#

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Acq On : 31 Jul 2024 17:50
Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

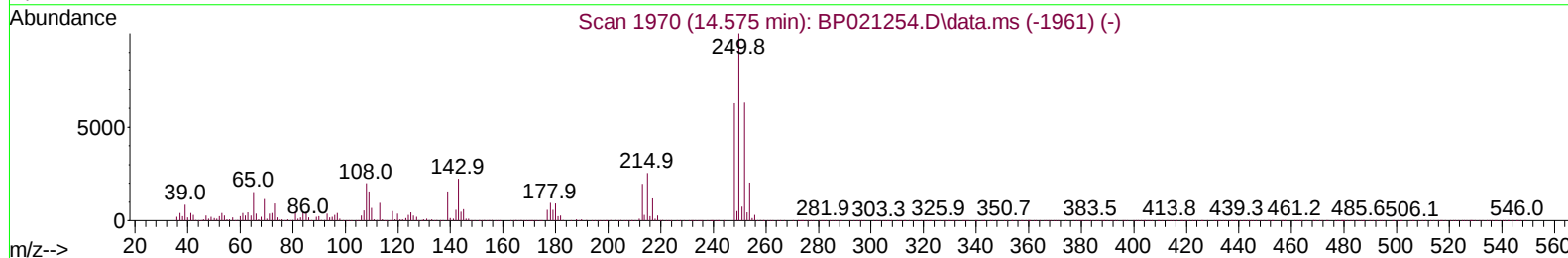
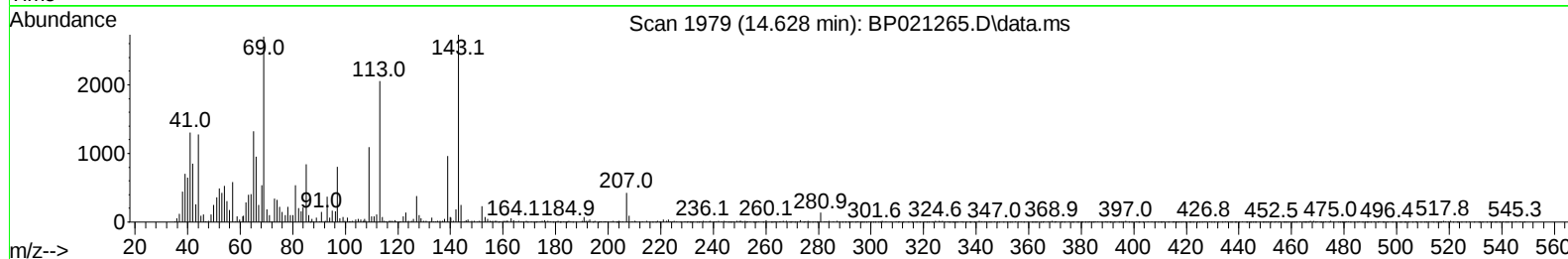
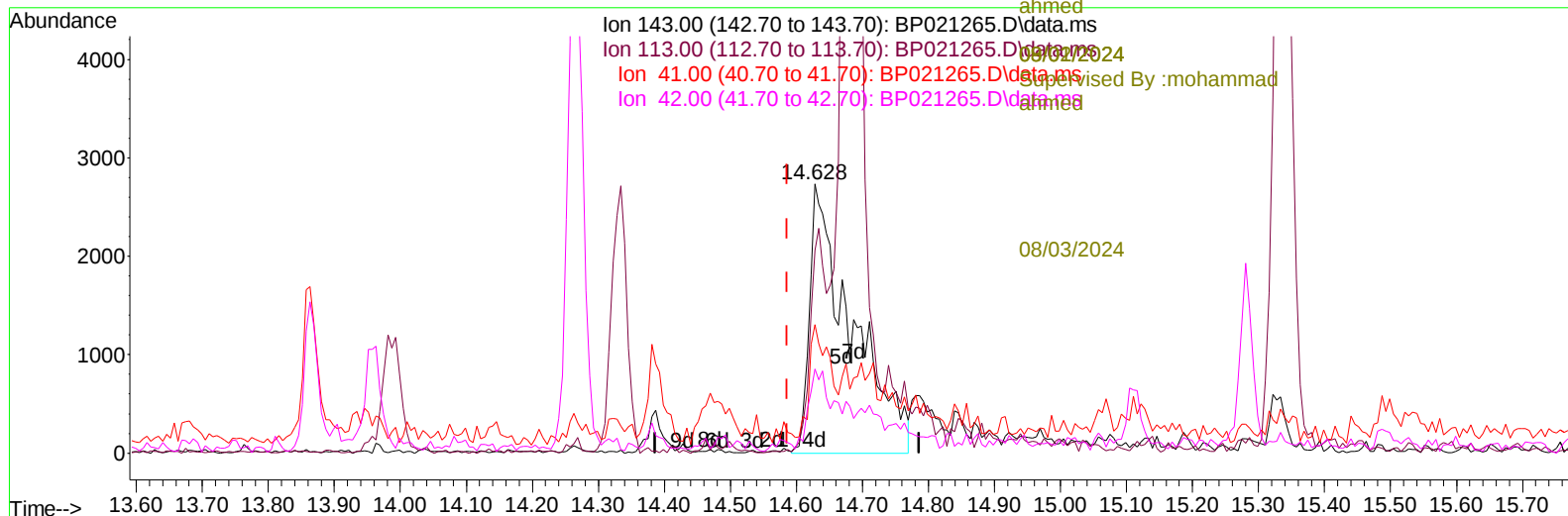
Instrument :
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ClientSampleId :
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TIC: BP021265.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.628min (+ 0.042) 3.28 ng/ul m

response 12059

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	75.37
41.00	37.90	47.88#
42.00	27.10	31.22

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Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

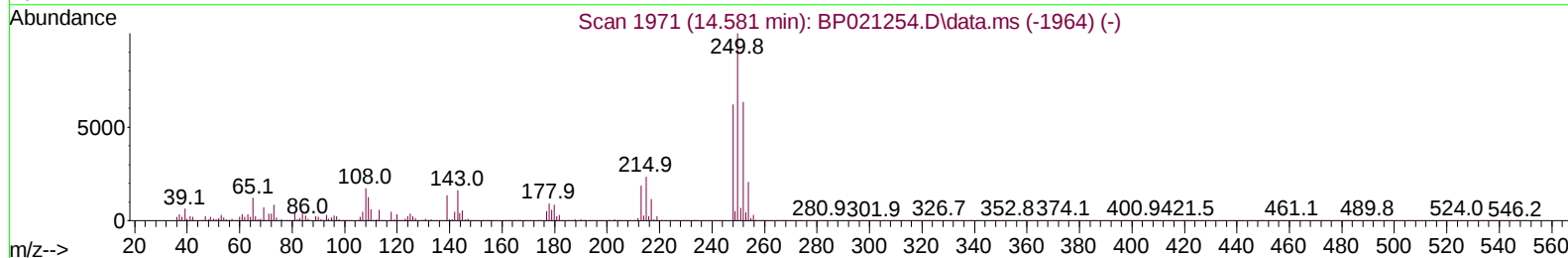
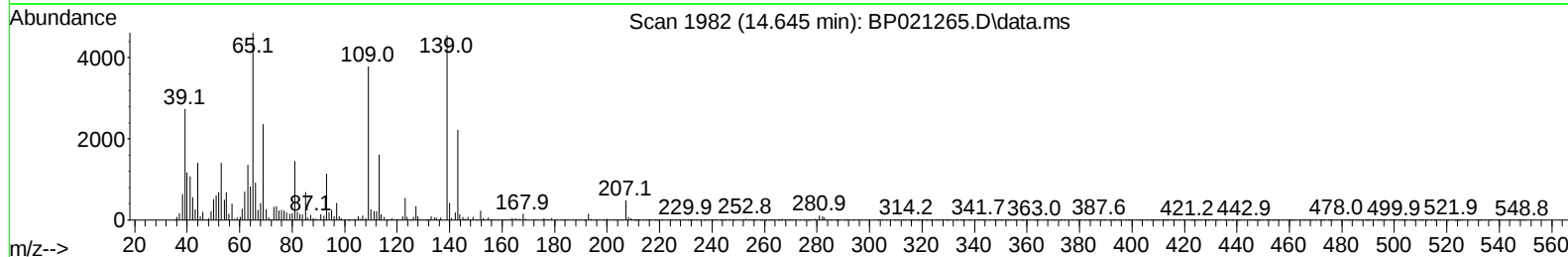
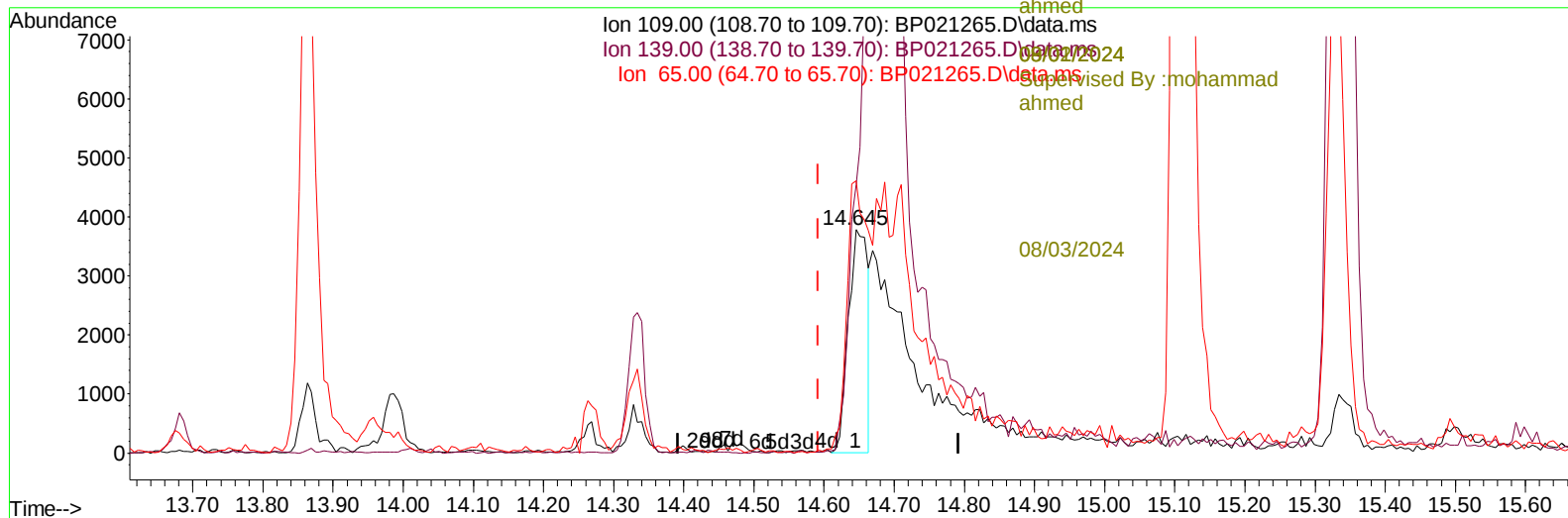
Instrument :
BNA_P
ClientSampleId :
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Supervised By :mohammad
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08/03/2024
Supervised By :mohammad
ahmed

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TIC: BP021265.D\data.ms

(55) 4-Nitrophenol

14.645min (+ 0.053) 2.44 ng/ul

response 7289

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	120.30
65.00	132.50	122.02
0.00	0.00	0.00

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Acq On : 31 Jul 2024 17:50
Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

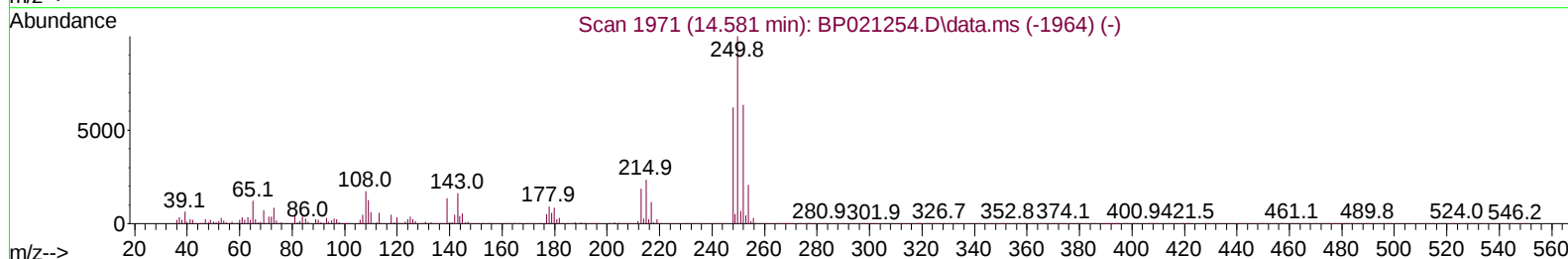
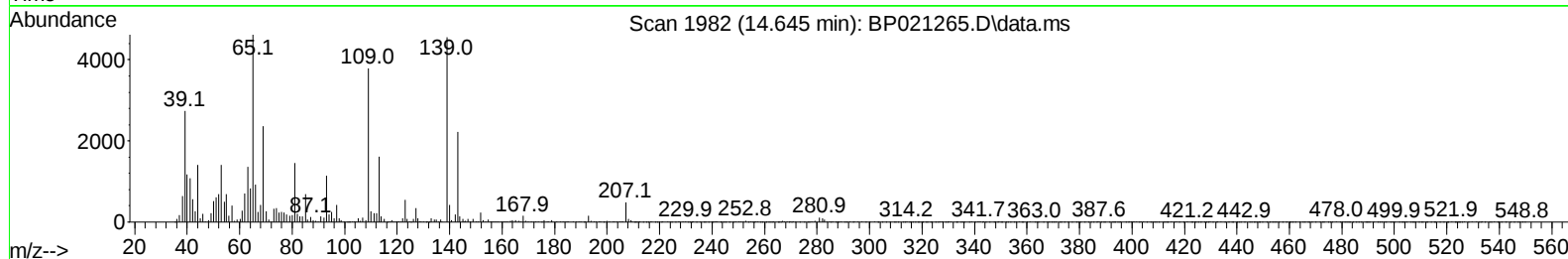
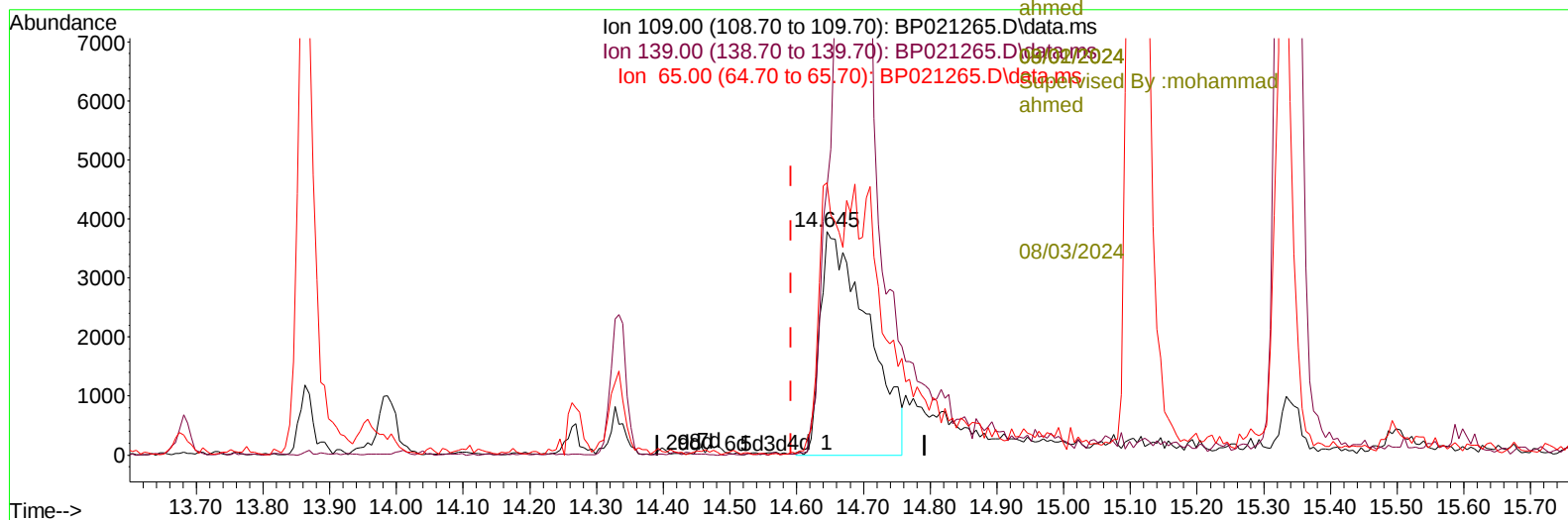
Instrument :
BNA_P
ClientSampleId :
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TIC: BP021265.D\data.ms

(55) 4-Nitrophenol

14.645min (+ 0.053) 6.28 ng/ul m

response 18768

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	120.30
65.00	132.50	122.02
0.00	0.00	0.00

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Acq On : 31 Jul 2024 17:50
Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

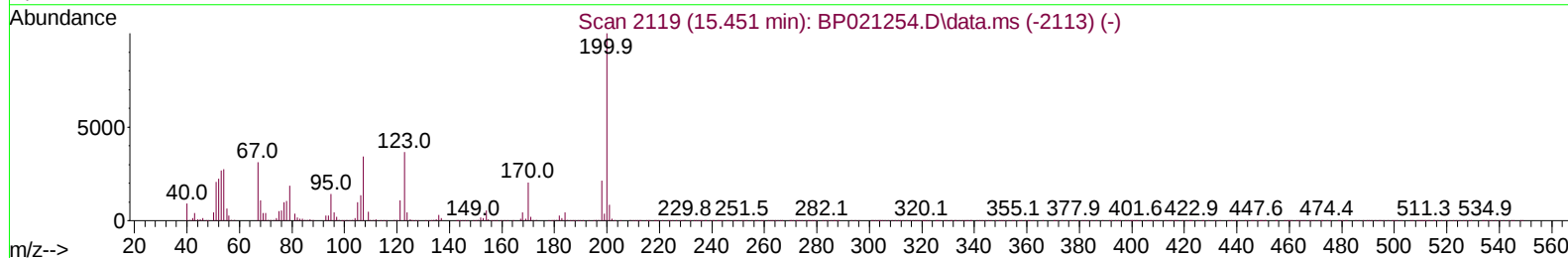
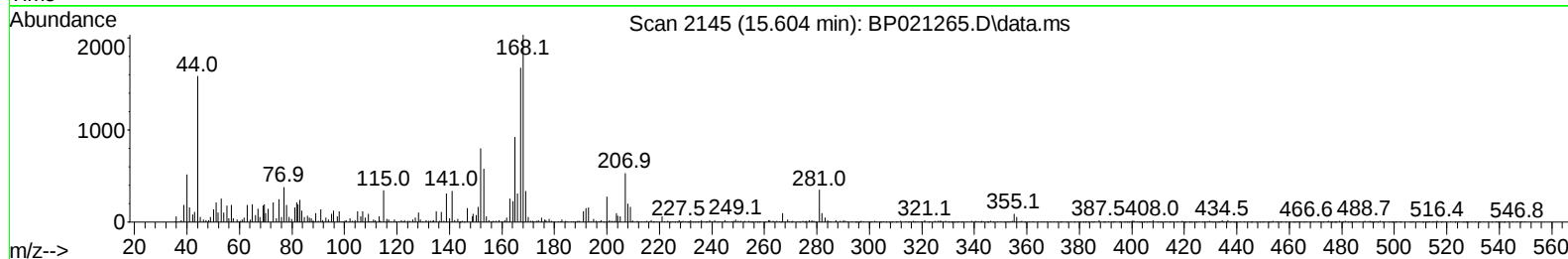
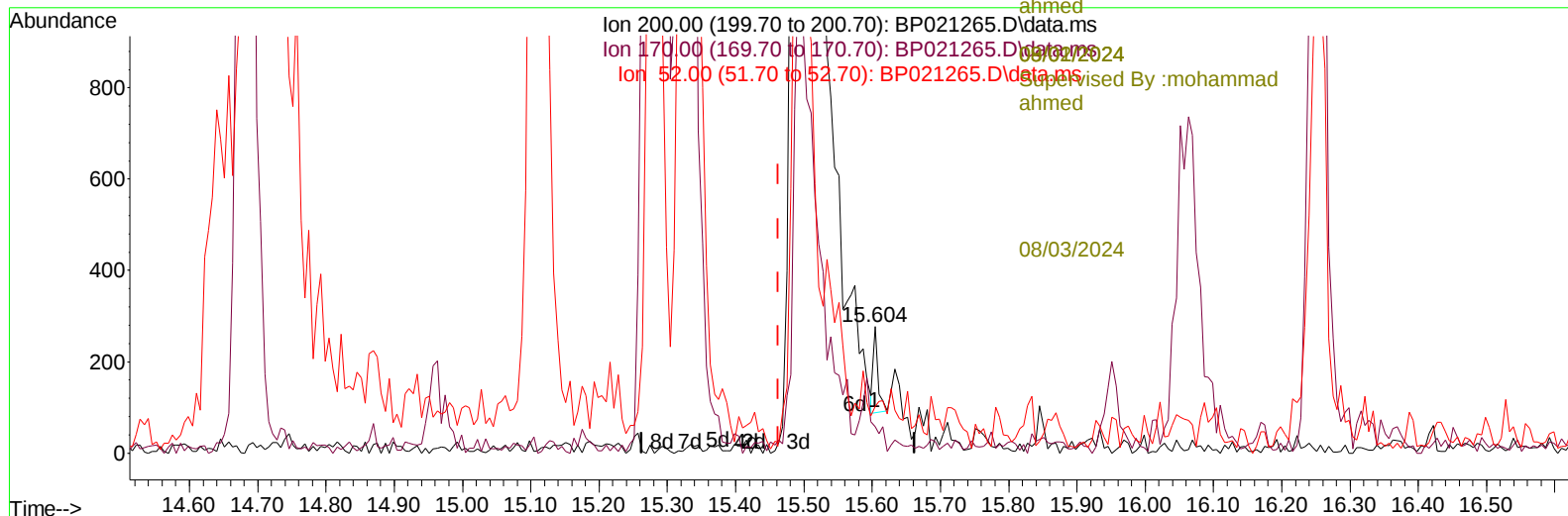
Instrument :
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ClientSampleId :
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TIC: BP021265.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)**15.604min (+ 0.142) 0.02 ng/ul**

response	89	
Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	20.58
52.00	38.50	36.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021265.D
Acq On : 31 Jul 2024 17:50
Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

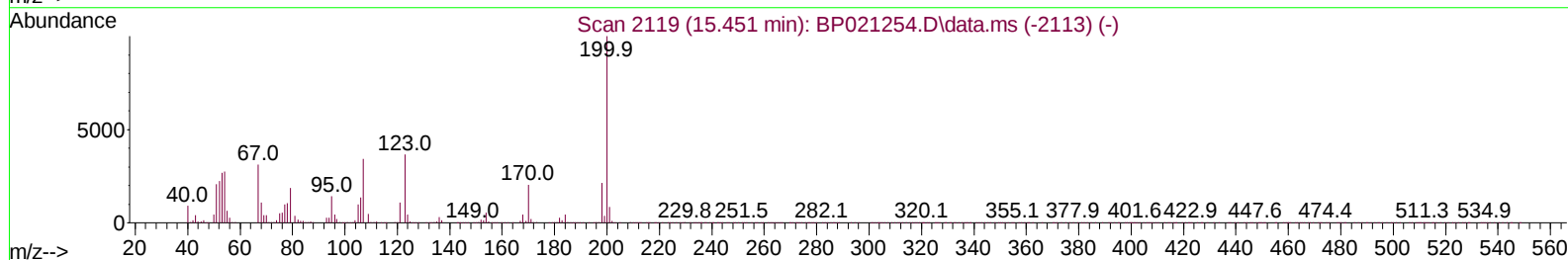
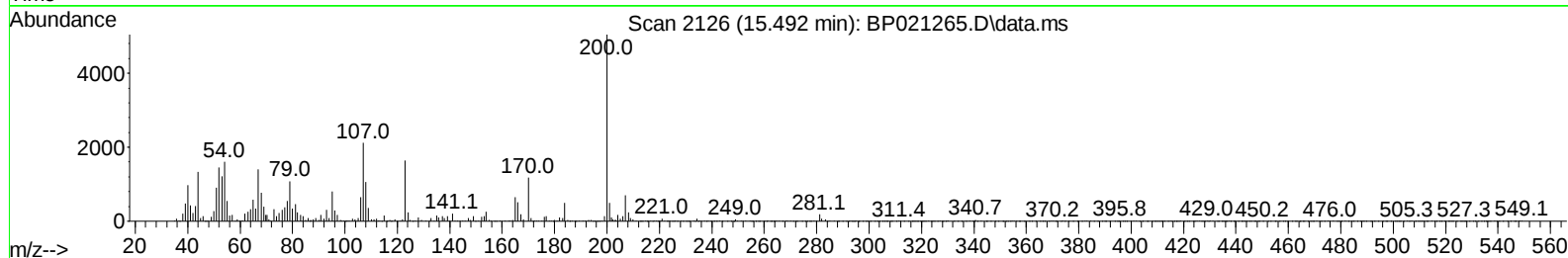
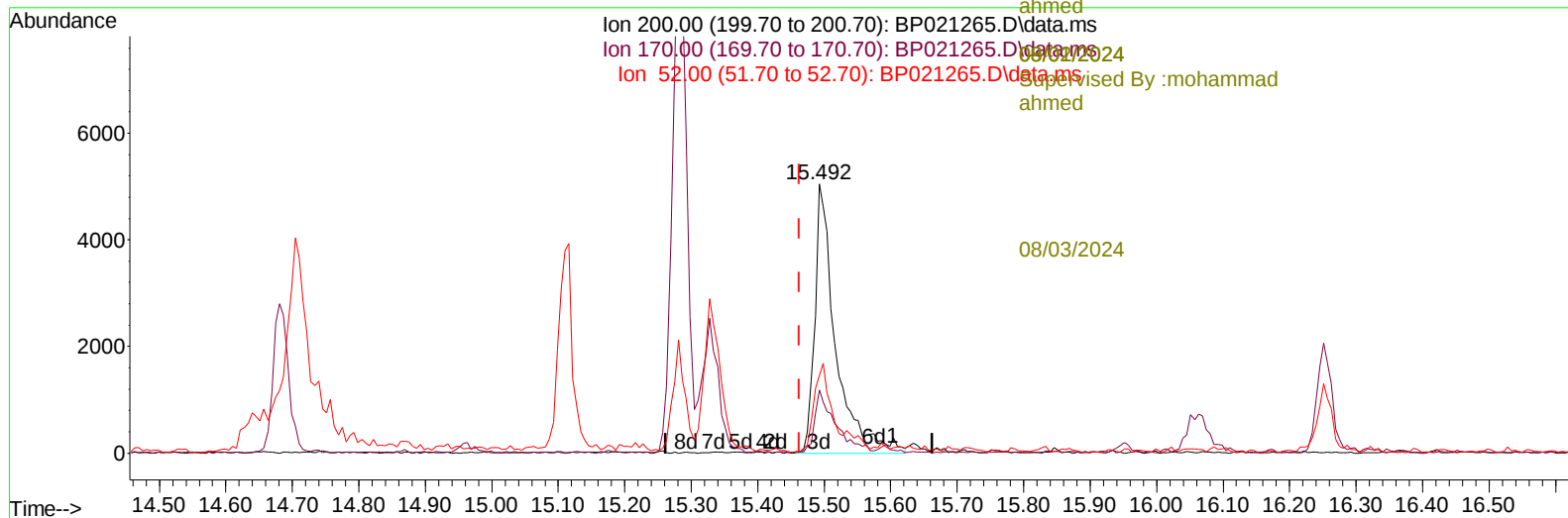
Instrument :
BNA_P
ClientSampleId :
A4DL0DL

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Supervised By :mohammad ahmed 09/04/2024

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ahmed
08/01/2024
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ahmed

Quant Time: Jul 31 18:22:48 2024
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Quant Title : SVOA CALIBRATION
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TIC: BP021265.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.492min (+ 0.030) 2.54 ng/ul m

response 11038

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	23.43
52.00	38.50	28.78#
0.00	0.00	0.00

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Data File : BP021265.D
Acq On : 31 Jul 2024 17:50
Operator : CG/JU
Sample : P3265-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

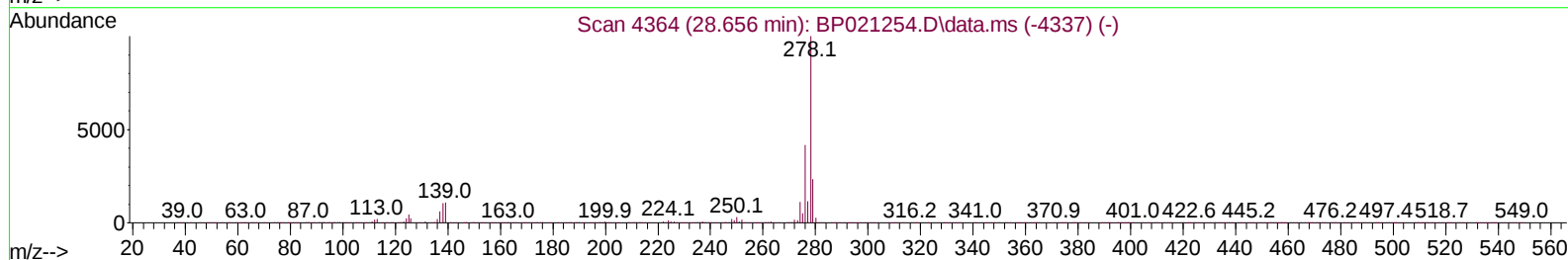
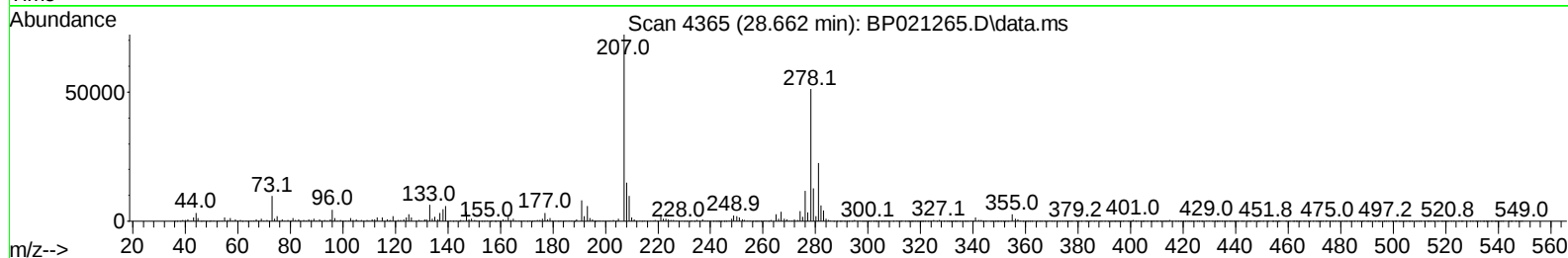
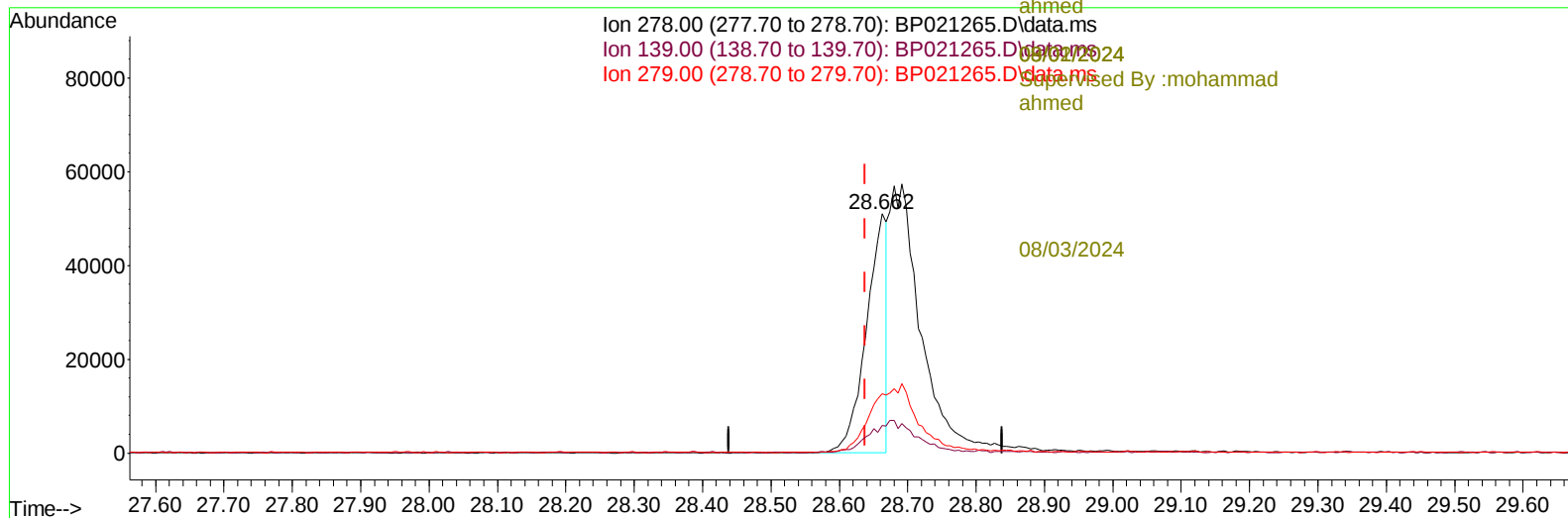
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ahmed



TIC: BP021265.D\data.ms

(95) Dibenzo(a,h)anthracene

28.662min (+ 0.024) 1.85 ng/u1

response 106072

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	11.62
279.00	24.20	24.77
0.00	0.00	0.00

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Acq On : 31 Jul 2024 17:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

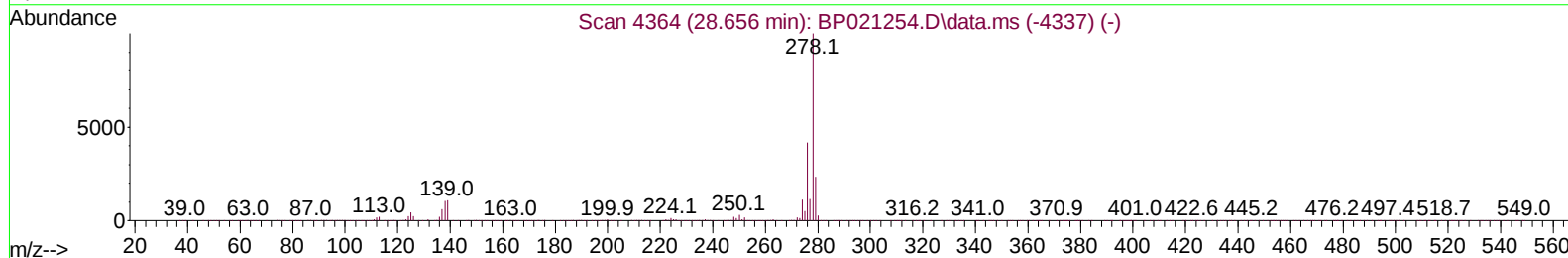
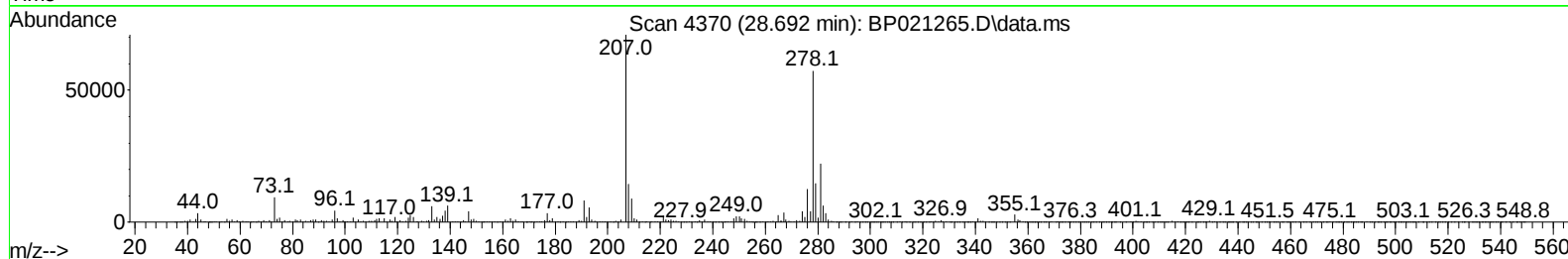
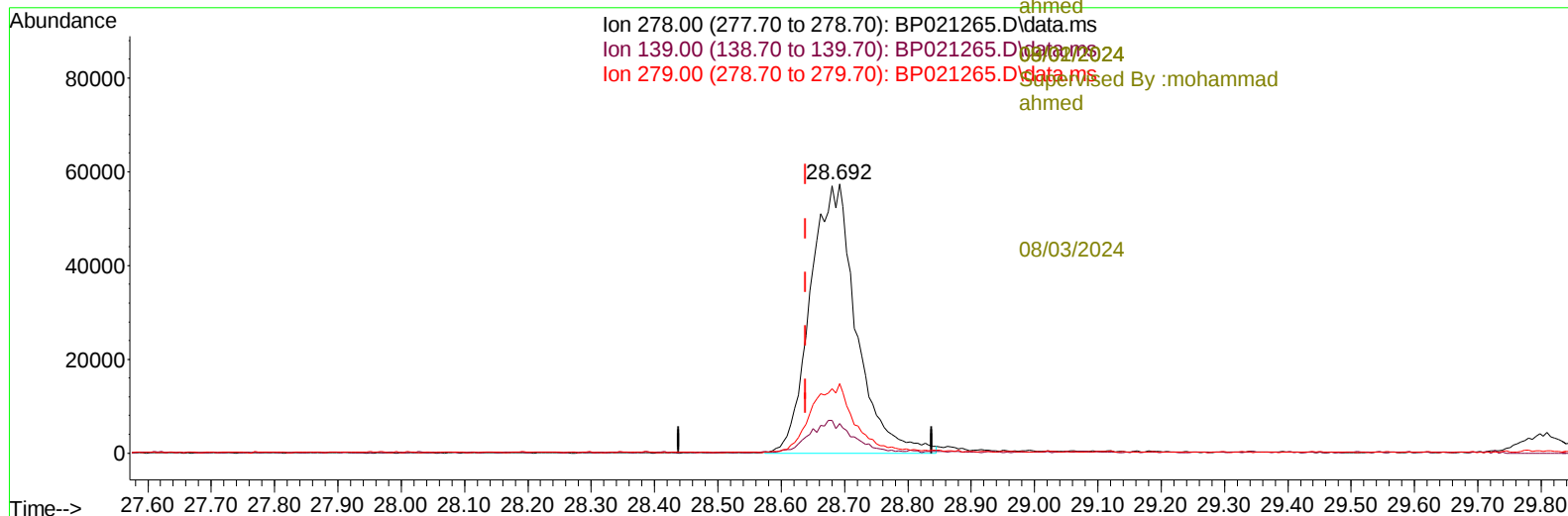
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ahmed



TIC: BP021265.D\data.ms

(95) Dibenzo(a,h)anthracene

28.692min (+ 0.053) 5.04 ng/ul m

response 289303

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	10.88
279.00	24.20	25.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

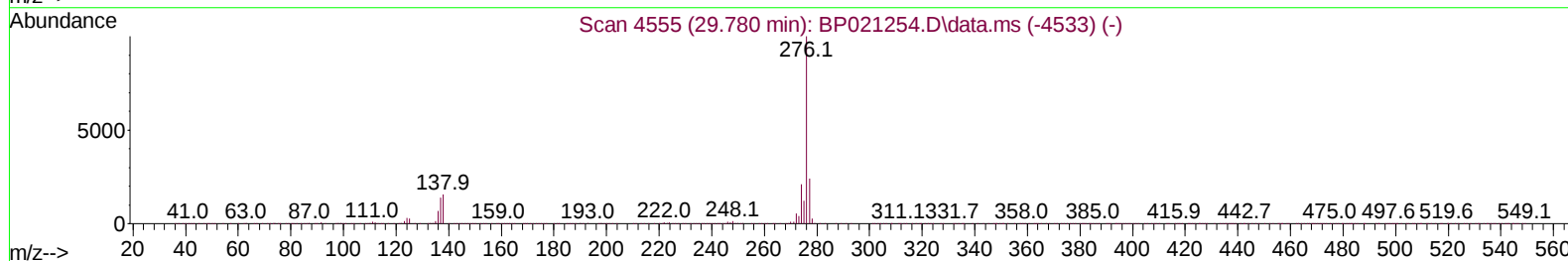
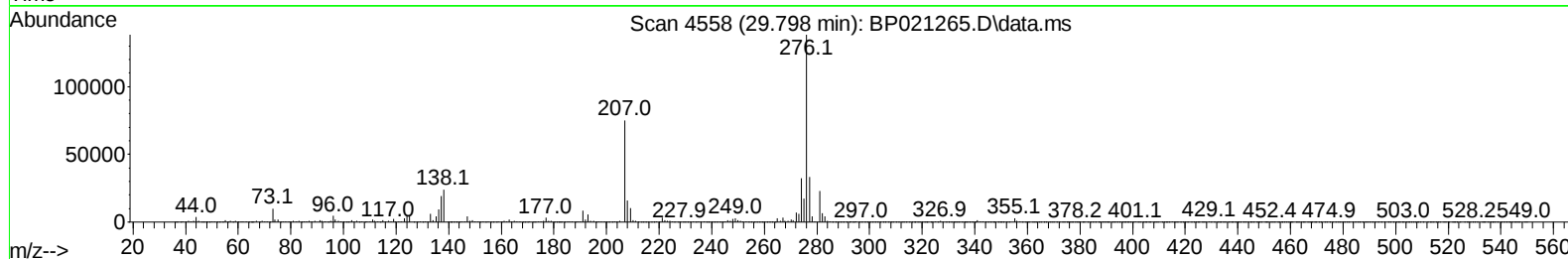
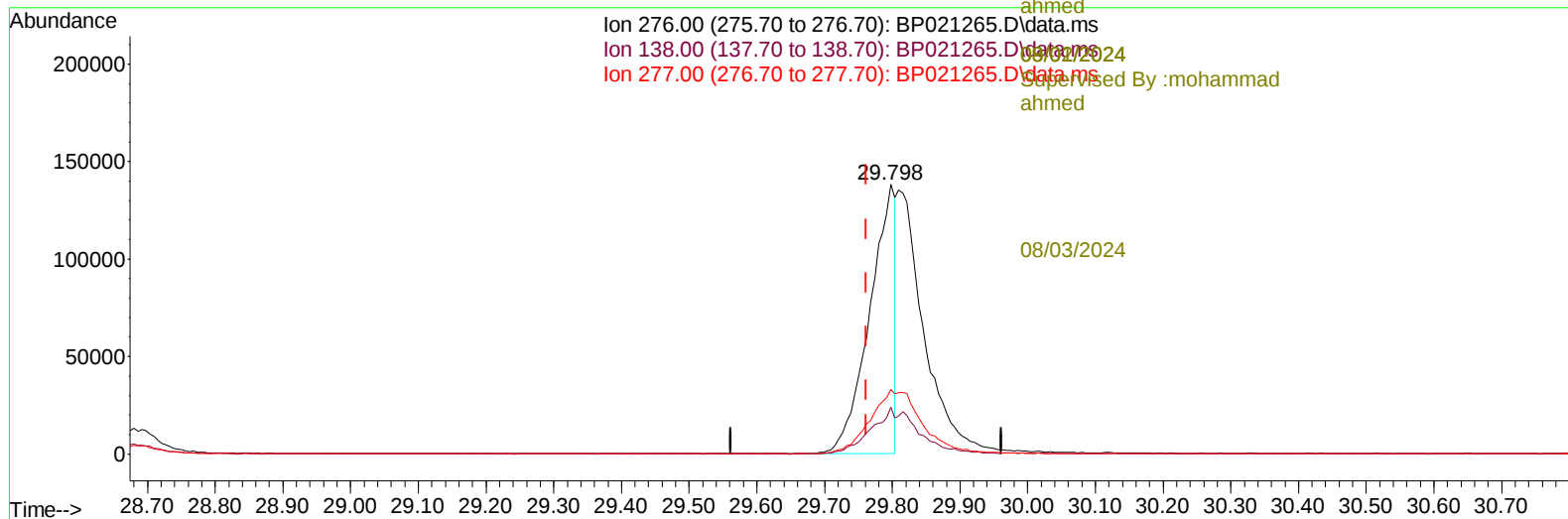
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ahmed



TIC: BP021265.D\data.ms

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

29.798min (+ 0.036) 6.44 ng/u1

response 363682

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.31
277.00	22.70	23.96
0.00	0.00	0.00

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Acq On : 31 Jul 2024 17:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

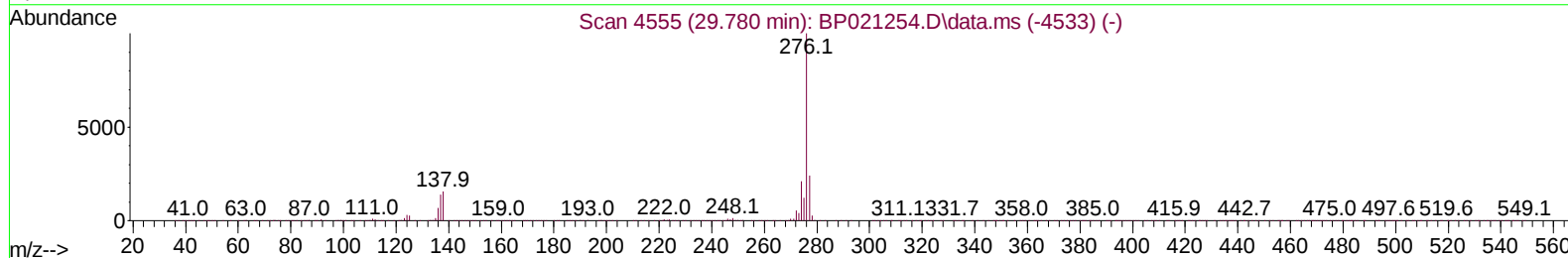
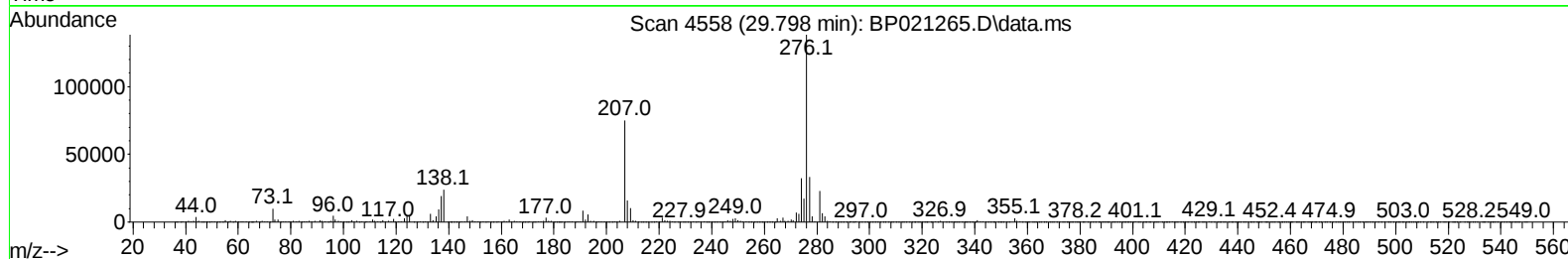
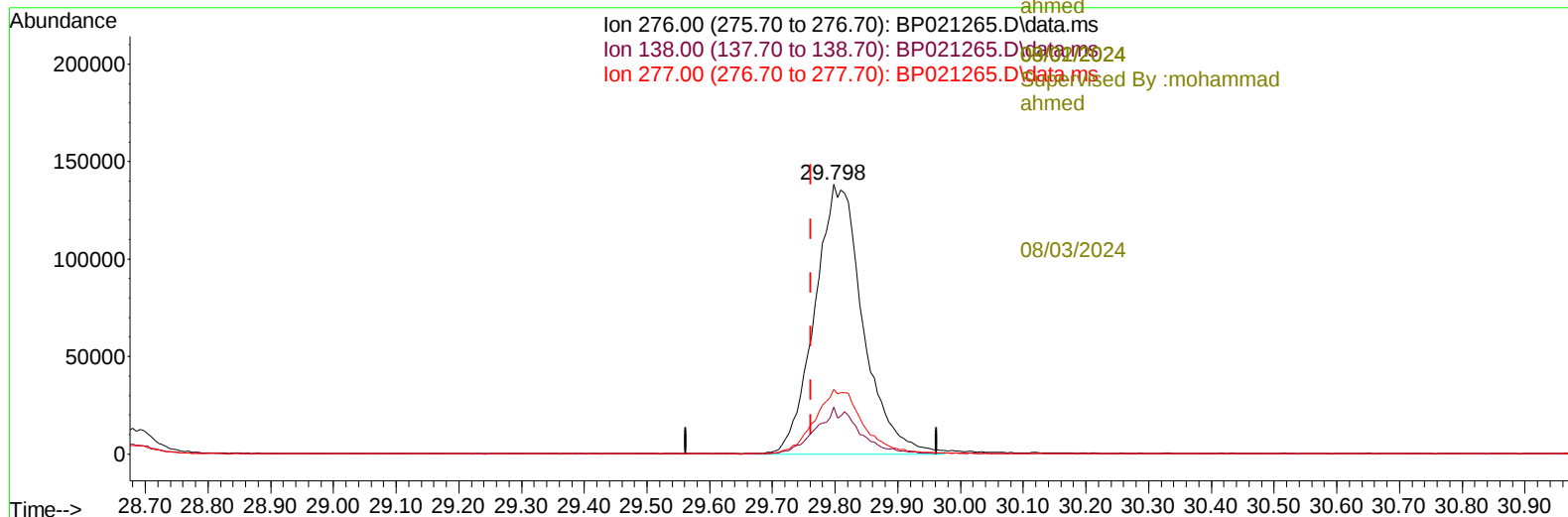
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Supervised By :mohammad
ahmed
08/01/2024
Supervised By :mohammad
ahmed



TIC: BP021265.D\data.ms

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

29.798min (+ 0.036) 13.07 ng/ul m

response 738048

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.31
277.00	22.70	23.96
0.00	0.00	0.00

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 Sample : P3265-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

A4DL0DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/04/2024

08/01/2024

Supervised By :mohammad
ahmed

09/02/2024

Supervised By :mohammad
ahmed

09/03/2024

Quant Time: Jul 31 18:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	144288	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	550741	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.263	164	354965	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	718341	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	736825	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	938657	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2415	0.762	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.858	99	45786m	3.892	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	26881	3.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	42119	4.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	25647	2.625	ng/ul	0.02
21) Nitrobenzene-d5	8.805	128	18832	4.402	ng/ul	0.01
24) 2-Nitrophenol-d4	9.505	143	22070	4.508	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	53446	6.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	38227	3.259	ng/ul	0.02
46) Dimethylphthalate-d6	13.681	166	138455	5.366	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	155407	5.364	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	12059m	3.285	ng/ul	0.04
60) Fluorene-d10	15.281	176	119387	5.640	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	11038m	2.540	ng/ul	0.03
73) Anthracene-d10	17.186	188	172997	5.422	ng/ul	0.00
81) Pyrene-d10	19.581	212	218868	4.805	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	259945	5.615	ng/ul	0.02

Target Compounds					Qvalue	
8) Phenol	6.887	94	45866	3.853	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.069	93	217637	22.133	ng/ul	93
12) 2-Chlorophenol	7.211	128	172881	17.797	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.428	70	171520	21.709	ng/ul	94
23) Isophorone	9.340	82	506240	24.851	ng/ul	98
25) 2-Nitrophenol	9.540	139	66146	12.954	ng/ul	95
29) 2,4-Dichlorophenol	10.075	162	299933	34.376	ng/ul	98
30) Naphthalene	10.434	128	792165	27.345	ng/ul	100
35) 4-Chloro-3-methylphenol	11.757	107	41460	4.372	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	574270	28.879	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	40903	5.615	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	77490	10.055	ng/ul	98
48) 2,6-Dinitrotoluene	13.863	165	261898	50.032	ng/ul	96
50) Acenaphthylene	13.987	152	620288	18.908	ng/ul	100
52) Acenaphthene	14.334	153	612672	28.138	ng/ul	99
55) 4-Nitrophenol	14.645	109	18768m	6.284	ng/ul	
56) Dibenzofuran	14.687	168	457431	15.341	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	78294	10.896	ng/ul#	96
59) Diethylphthalate	15.110	149	822831	31.446	ng/ul	99
61) Fluorene	15.340	166	474592	19.505	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	259287	19.639	ng/ul	95
68) 4-Bromophenyl-phenylether	16.257	248	124238	14.755	ng/ul	96
71) Pentachlorophenol	16.751	266	117538	22.416	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021265.D
 Acq On : 31 Jul 2024 17:50
 Operator : CG/JU
 Sample : P3265-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DL0DL

Manual IntegrationsAPPROVED

Quant Time: Jul 31 18:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

08/01/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
72) Phenanthrene	17.128	178		357821	9.602	ng/ul	99
74) Anthracene	17.228	178		859765	22.631	ng/ul	99
78) Di-n-butylphthalate	18.086	149		896403	20.921	ng/ul	99
80) Fluoranthene	19.228	202		766310	13.930	ng/ul	99
83) Butylbenzylphthalate	20.545	149		69078	2.962	ng/ul	91
85) Benzo(a)anthracene	21.516	228		608297	11.785	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149		1428307	42.553	ng/ul	99
89) Di-n-octyl phthalate	22.669	149		1294974	20.884	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252		519489	9.120	ng/ul	97
91) Benzo(k)fluoranthene	23.869	252		403336	7.095	ng/ul	99
93) Benzo(a)pyrene	24.698	252		355224	6.599	ng/ul	99
95) Dibenzo(a,h)anthracene	28.692	278		289303m	5.037	ng/ul	
96) Benzo(g,h,i)perylene	29.798	276		738048m	13.065	ng/ul	

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

