

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021282.D
 Acq On : 01 Aug 2024 06:55
 Operator : CG/JU
 Sample : P3264-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CL2

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 08:01:54 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	199461	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	796288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	525149	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1219618	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	1113433	20.000	ng/u1	#-0.01
88) Perylene-d12	24.833	264	1237066	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	10528	2.402	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.858	99	230252	14.159	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	136561	13.857	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	210756	15.730	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	193493	14.326	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	96647	15.626	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	111389	15.735	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	196868	15.380	ng/u1	0.02
31) 4-Chloroaniline-d4	10.599	131	51112m	3.014	ng/u1	0.04
46) Dimethylphthalate-d6	13.681	166	650249	17.033	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	735507	17.158	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	71697m	13.200	ng/u1	0.02
60) Fluorene-d10	15.287	176	581609	18.571	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	89946	12.189	ng/u1	0.00
73) Anthracene-d10	17.186	188	920700	16.997	ng/u1	0.00
81) Pyrene-d10	19.569	212	1034169	15.023	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	713255	11.690	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.128	178	296915	4.693	ng/u1	99
80) Fluoranthene	19.233	202	691500	8.318	ng/u1	97
82) Pyrene	19.610	202	518231	6.126	ng/u1	95
85) Benzo(a)anthracene	21.498	228	310082	3.976	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	75795	1.494	ng/u1	95
87) Chrysene	21.574	228	374839	5.172	ng/u1	97
90) Benzo(b)fluoranthene	23.786	252	509981	6.793	ng/u1	98
91) Benzo(k)fluoranthene	23.845	252	168068m	2.243	ng/u1	
93) Benzo(a)pyrene	24.674	252	167504	2.361	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.598	276	187434	2.050	ng/u1	96

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

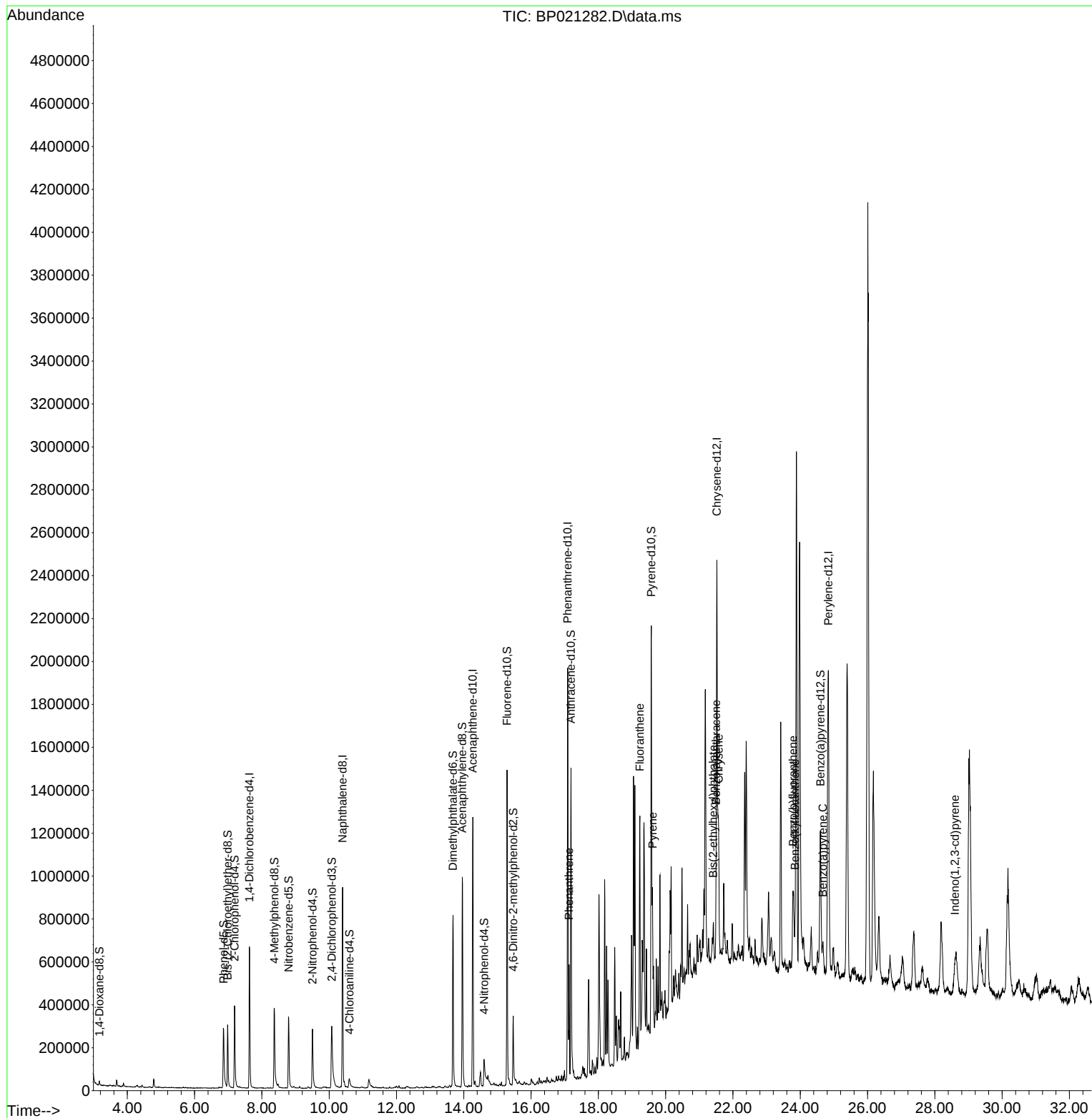
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021282.D
Acq On : 01 Aug 2024 06:55
Operator : CG/JU
Sample : P3264-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

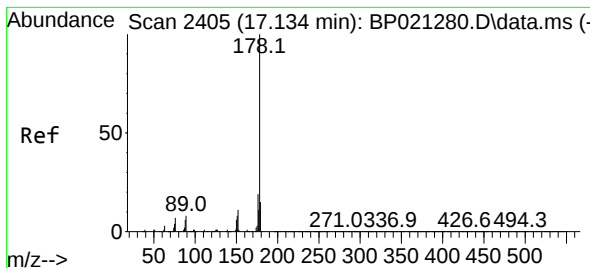
Instrument :
BNA_P
ClientSampleId :
A4CL2

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.693 ng/ul

RT: 17.128 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BP021282.D

Acq: 01 Aug 2024 06:55

Instrument :

BNA_P

ClientSampleId :

A4CL2

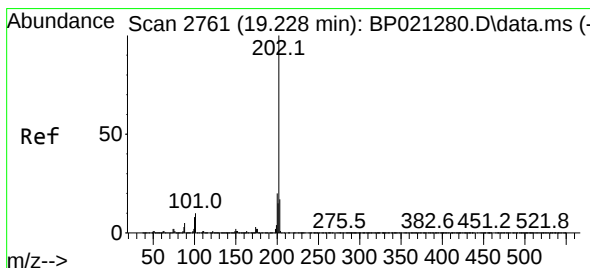
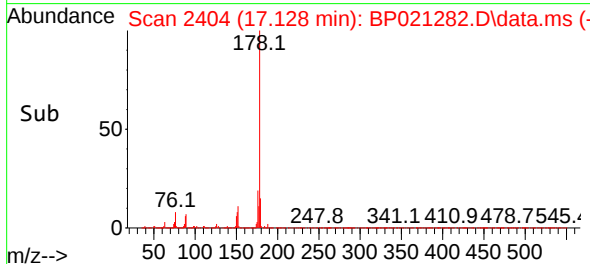
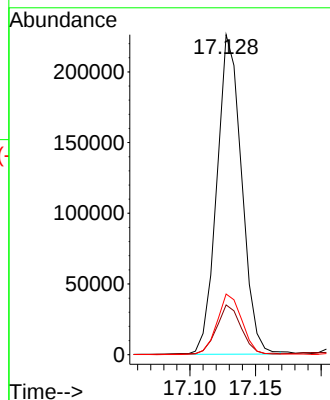
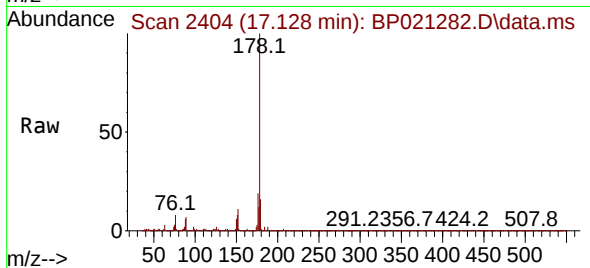
Tgt Ion:178	Resp: 29691
Ion Ratio	Lower Upper
178 100	
179 15.5	12.2 18.4
176 19.0	15.0 22.4

Manual Integrations

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#80

Fluoranthene

Concen: 8.318 ng/ul

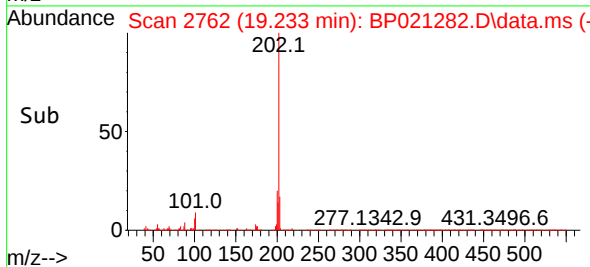
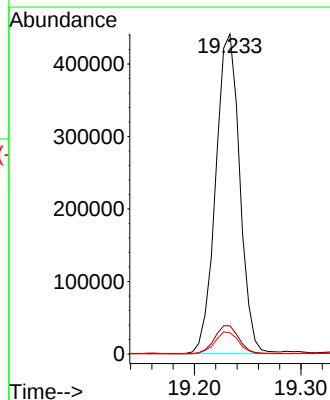
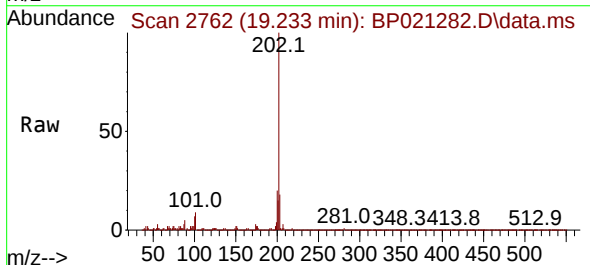
RT: 19.233 min Scan# 2762

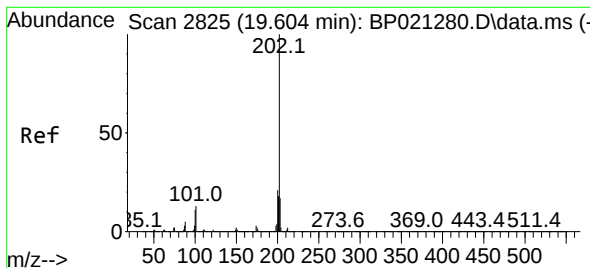
Delta R.T. 0.000 min

Lab File: BP021282.D

Acq: 01 Aug 2024 06:55

Tgt Ion:202	Resp: 691500
Ion Ratio	Lower Upper
202 100	
101 8.8	8.0 12.0
100 6.6	6.1 9.1





#82

Pyrene

Concen: 6.126 ng/ul

RT: 19.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021282.D

Acq: 01 Aug 2024 06:55

Instrument :

BNA_P

ClientSampleId :

A4CL2

Tgt Ion:202 Resp: 51823

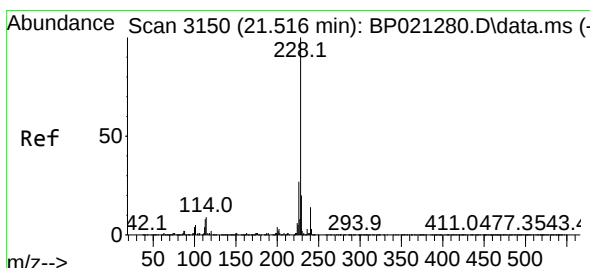
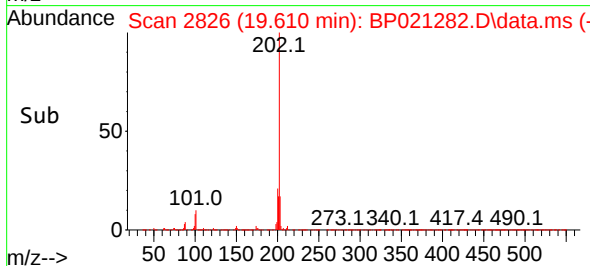
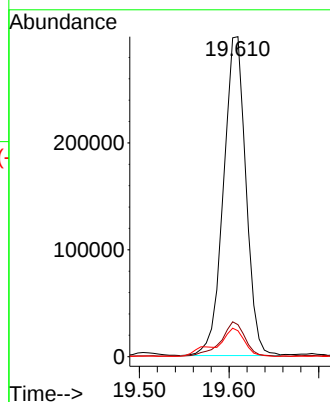
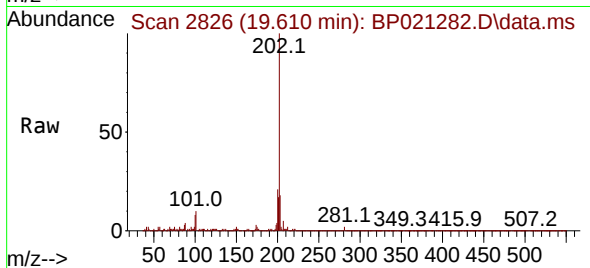
Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.4	14.2
100	8.1	7.8	11.6

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Supervised By :mohammad ahmed 09/04/2024



#85

Benzo(a)anthracene

Concen: 3.976 ng/ul

RT: 21.498 min Scan# 3147

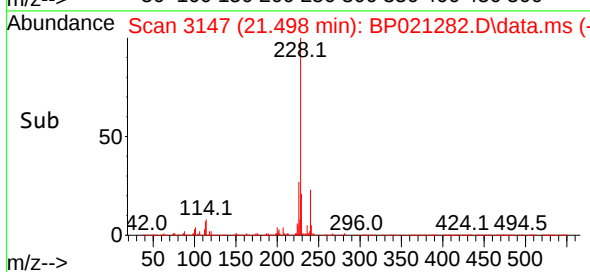
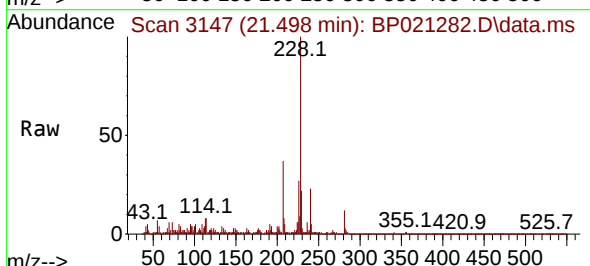
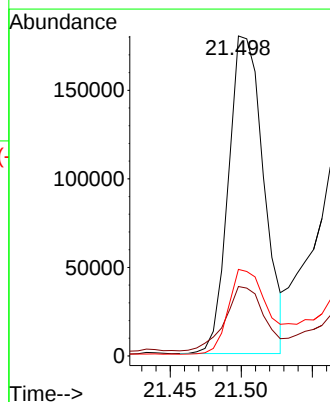
Delta R.T. -0.011 min

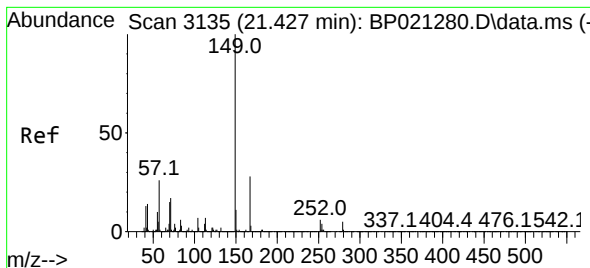
Lab File: BP021282.D

Acq: 01 Aug 2024 06:55

Tgt Ion:228 Resp: 310082

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.5	23.3
226	27.1	21.4	32.2





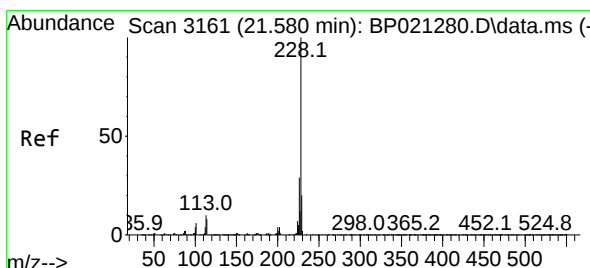
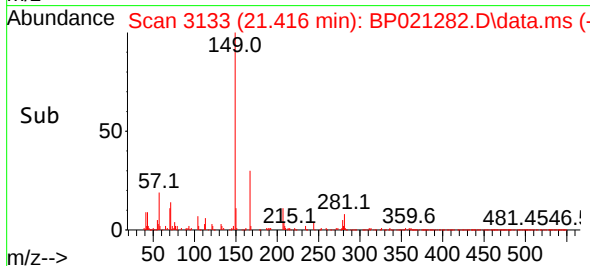
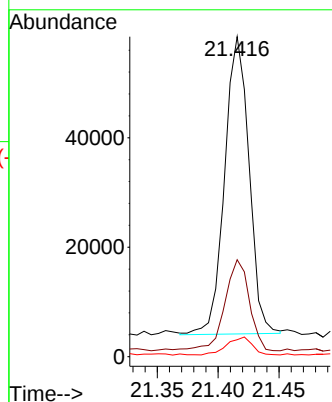
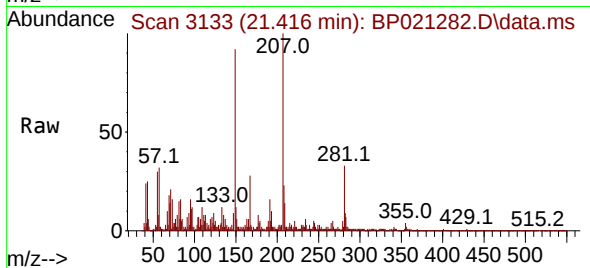
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.494 ng/ul
RT: 21.416 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BP021282.D
Acq: 01 Aug 2024 06:55

Instrument :
BNA_P
ClientSampleId :
A4CL2

Tgt Ion:149 Resp: 7579
Ion Ratio Lower Upper
149 100
167 30.3 22.1 33.1
279 5.3 3.7 5.5

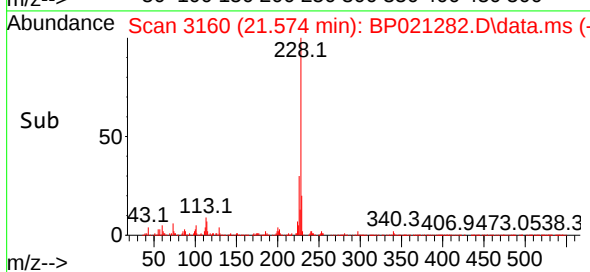
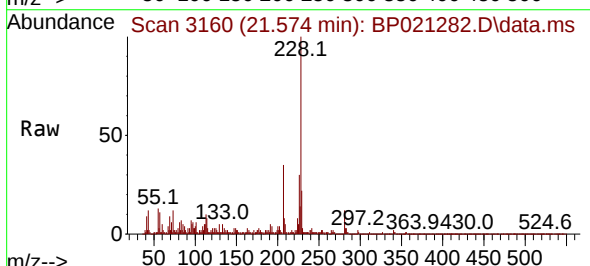
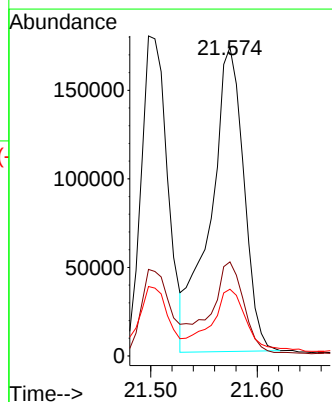
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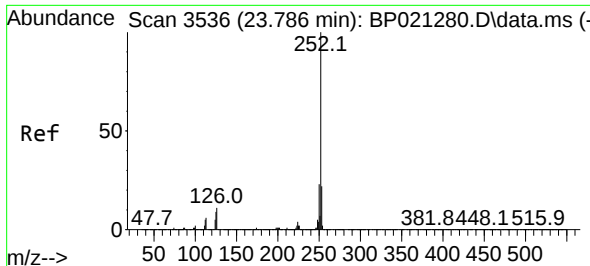
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#87
Chrysene
Concen: 5.172 ng/ul
RT: 21.574 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BP021282.D
Acq: 01 Aug 2024 06:55

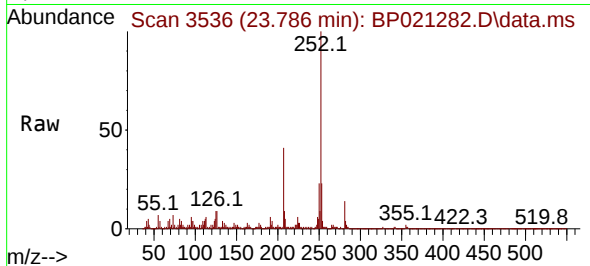
Tgt Ion:228 Resp: 374839
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.793 ng/uI
RT: 23.786 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP021282.D
Acq: 01 Aug 2024 06:55

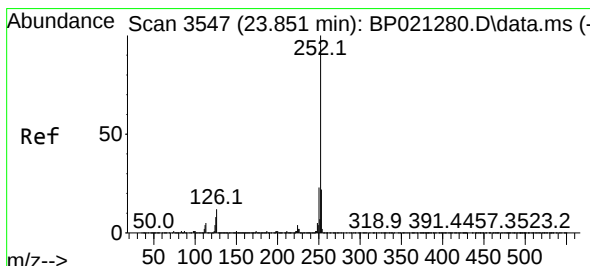
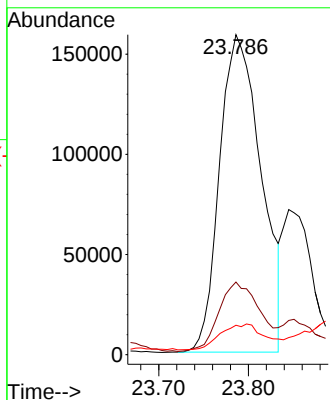
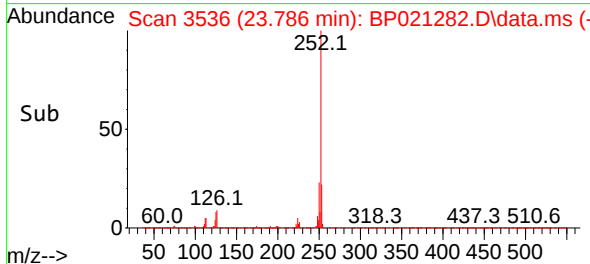
Instrument :
BNA_P
ClientSampleId :
A4CL2



Tgt Ion:252 Resp: 50998
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.2 7.0 10.4

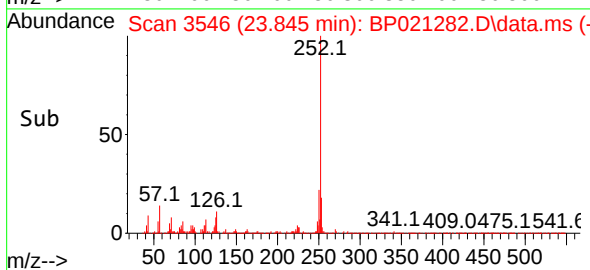
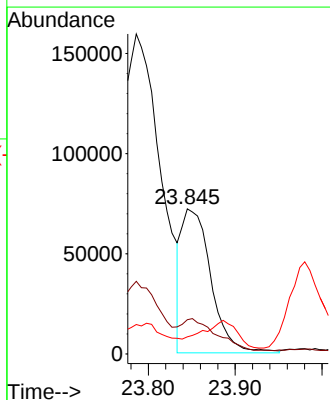
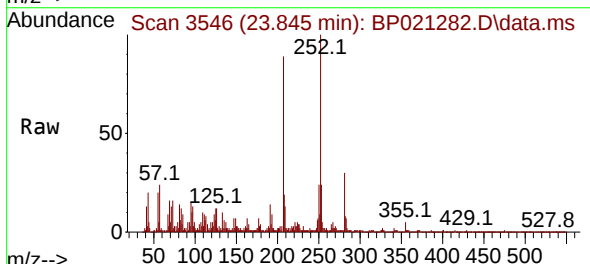
Manual Integrations
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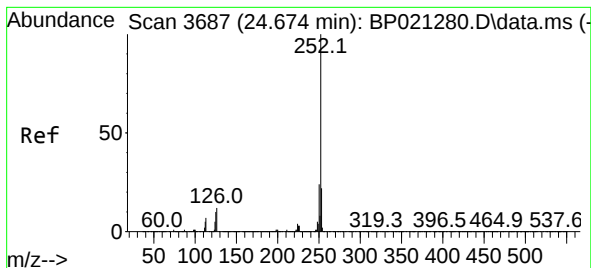
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#91
Benzo(k)fluoranthene
Concen: 2.243 ng/uI m
RT: 23.845 min Scan# 3546
Delta R.T. -0.006 min
Lab File: BP021282.D
Acq: 01 Aug 2024 06:55

Tgt Ion:252 Resp: 168068
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 11.8 7.4 11.0#





#93

Benzo(a)pyrene

Concen: 2.361 ng/ul

RT: 24.674 min Scan# 3687

Delta R.T. -0.006 min

Lab File: BP021282.D

Acq: 01 Aug 2024 06:55

Instrument :

BNA_P

ClientSampleId :

A4CL2

Tgt Ion: 252 Resp: 167504

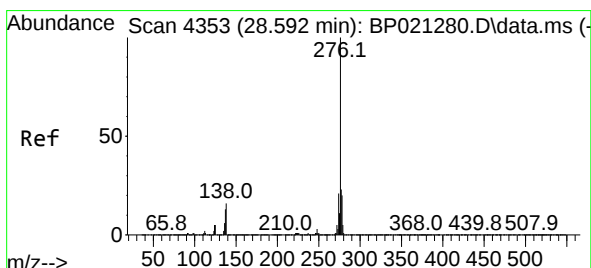
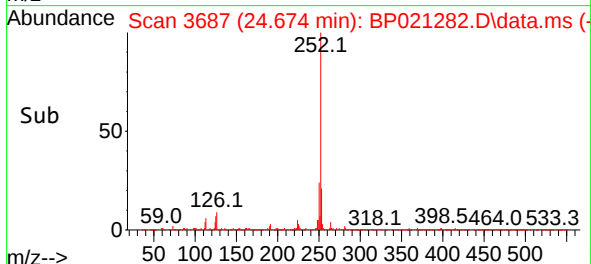
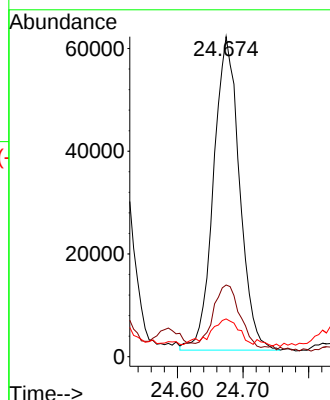
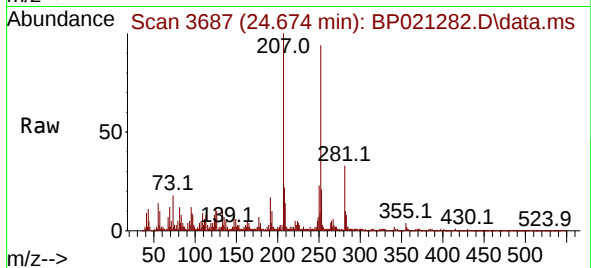
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.8	7.7	11.5

Manual Integrations

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Supervised By : mohammad ahmed 09/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.050 ng/ul

RT: 28.598 min Scan# 4354

Delta R.T. 0.000 min

Lab File: BP021282.D

Acq: 01 Aug 2024 06:55

Tgt Ion: 276 Resp: 187434

Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.3	21.5
277	25.8	19.2	28.8

