

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023490.D
 Acq On : 18 Dec 2024 07:43
 Operator : RC/JU
 Sample : P5258-10
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 18 08:19:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	291530	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.269	136	1009132	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.133	164	718839	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.951	188	1551120	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.380	240	1678671	20.000	ng/u1	# 0.00
88) Perylene-d12	24.550	264	1784491	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	24247	3.062	ng/uL	-0.01
4) Pyridine-d5	3.522	84	86681	4.257	ng/u1	0.00
7) Phenol-d5	6.740	99	474593	20.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	307201	21.287	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	343043	20.319	ng/u1	-0.01
15) 4-Methylphenol-d8	8.245	113	288555	15.630	ng/u1	-0.01
21) Nitrobenzene-d5	8.669	128	145244	19.274	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	177886	20.482	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.928	165	338862	18.487	ng/u1	0.00
31) 4-Chloroaniline-d4	10.433	131	248269	12.091	ng/u1	0.00
46) Dimethylphthalate-d6	13.545	166	1106613	19.830	ng/u1	-0.01
49) Acenaphthylene-d8	13.822	160	1107658	18.818	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.439	143	145653m	21.299	ng/u1	0.03
60) Fluorene-d10	15.145	176	843568	17.186	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.321	200	77629	8.281	ng/u1	0.01
73) Anthracene-d10	17.051	188	1329611	18.782	ng/u1	0.00
81) Pyrene-d10	19.433	212	1413665	16.119	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.333	264	949210	9.936	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	63234	2.655	ng/u1	89
16) Acetophenone	8.345	105	164157	5.283	ng/u1	96
72) Phenanthrene	16.992	178	411255	5.128	ng/u1	99
74) Anthracene	17.086	178	95693	1.193	ng/u1	96
80) Fluoranthene	19.086	202	867266	8.630	ng/u1#	92
82) Pyrene	19.462	202	632239	5.929	ng/u1#	88
85) Benzo(a)anthracene	21.362	228	414462	3.682	ng/u1	99
87) Chrysene	21.427	228	389877	3.614	ng/u1	96
90) Benzo(b)fluoranthene	23.562	252	577127	5.148	ng/u1#	96
91) Benzo(k)fluoranthene	23.621	252	206653	1.852	ng/u1#	94
93) Benzo(a)pyrene	24.397	252	263482	2.592	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.127	276	241213m	1.846	ng/u1	

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

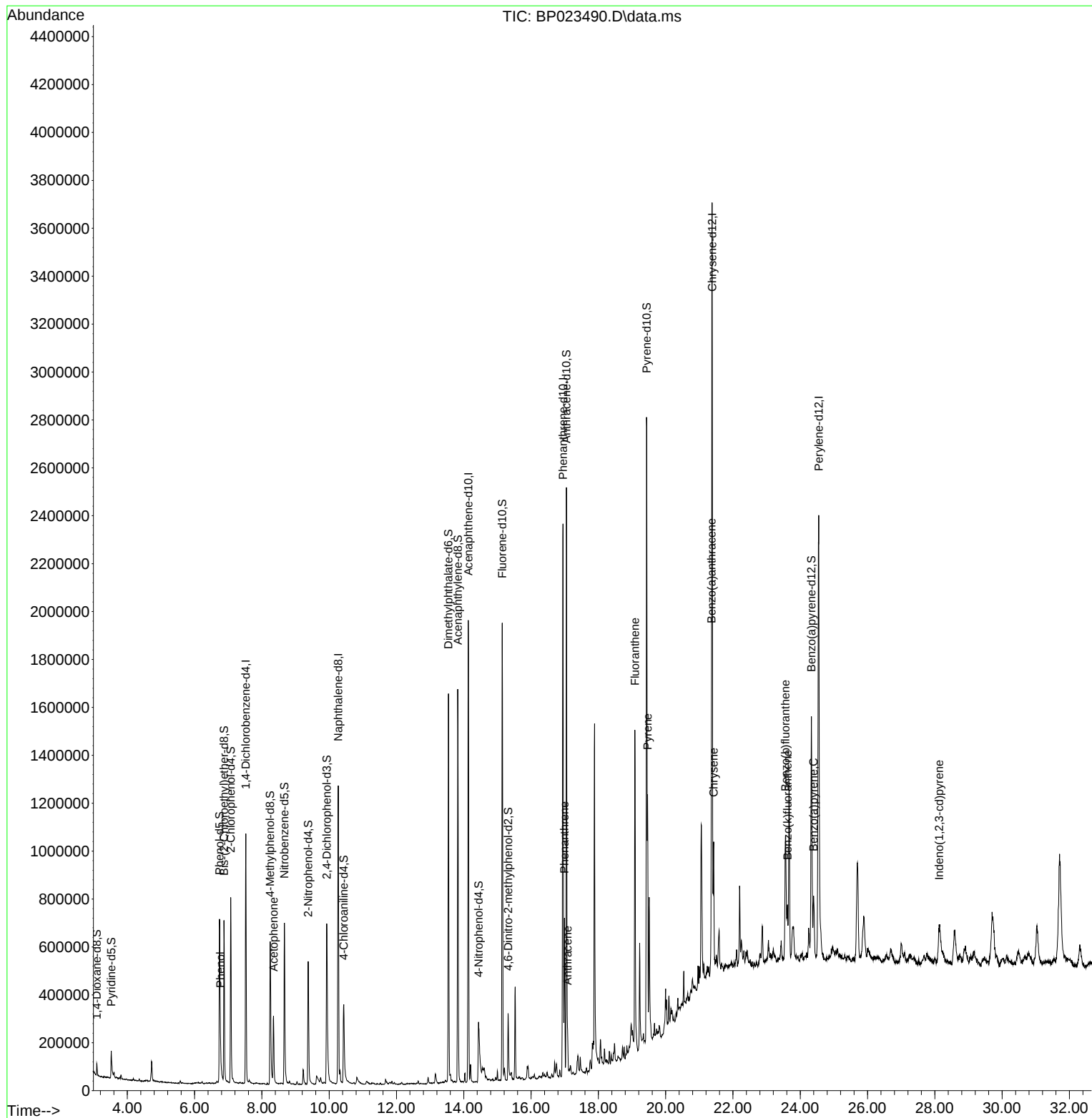
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023490.D
Acq On : 18 Dec 2024 07:43
Operator : RC/JU
Sample : P5258-10
Misc :
ALS Vial : 65 Sample Multiplier: 1

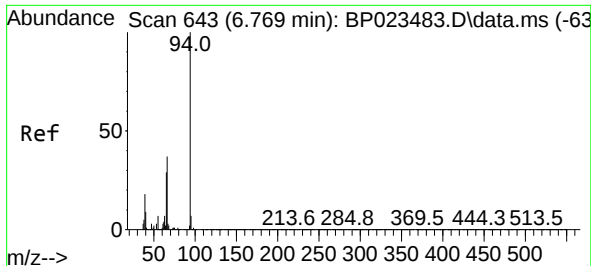
Instrument :
BNA_P
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E28X4

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#8

Phenol

Concen: 2.655 ng/ul

RT: 6.769 min Scan# 643

Delta R.T. -0.006 min

Lab File: BP023490.D

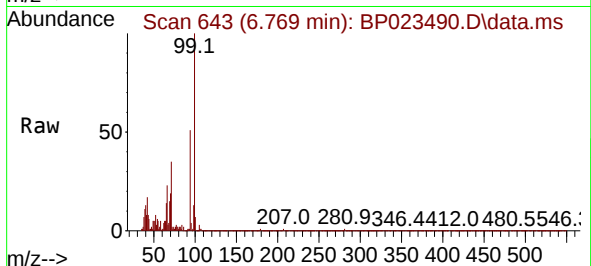
Acq: 18 Dec 2024 07:43

Instrument :

BNA_P

ClientSampleId :

E28X4



Tgt Ion: 94 Resp: 63234

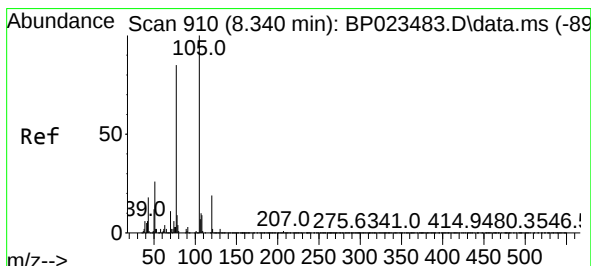
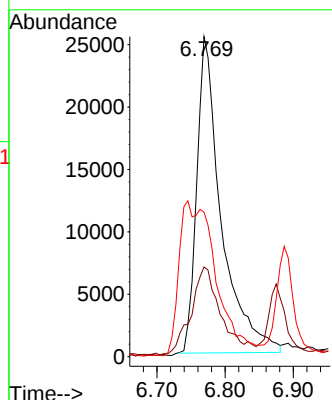
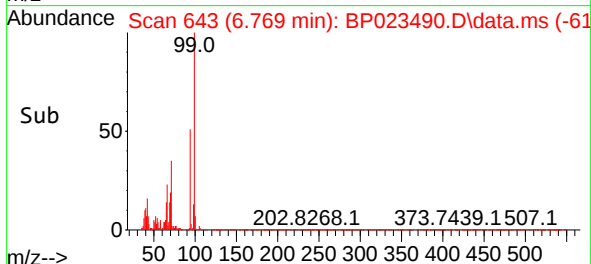
Ion	Ratio	Lower	Upper
94	100		
65	28.0	28.0	42.0
66	45.2	42.0	63.0

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Supervised By :mohammad ahmed 12/19/2024



#16

Acetophenone

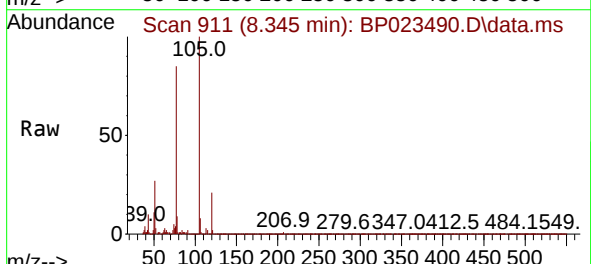
Concen: 5.283 ng/ul

RT: 8.345 min Scan# 911

Delta R.T. -0.012 min

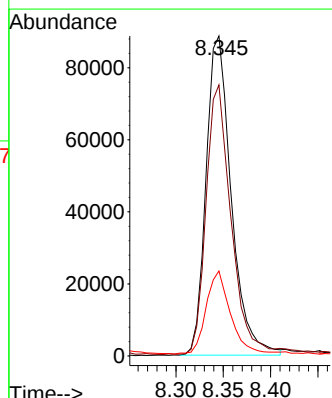
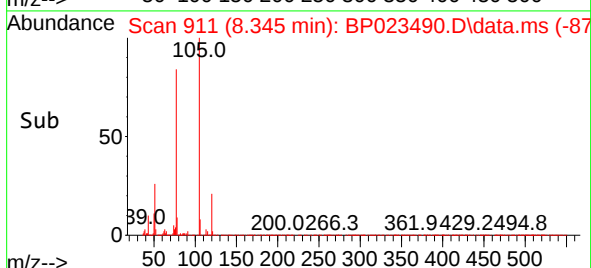
Lab File: BP023490.D

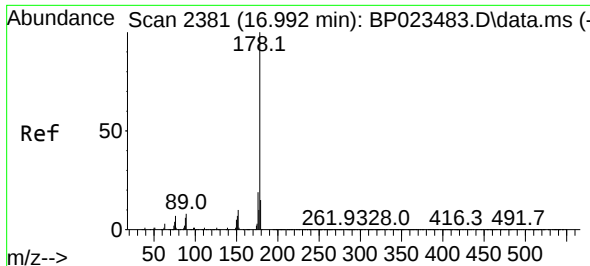
Acq: 18 Dec 2024 07:43



Tgt Ion:105 Resp: 164157

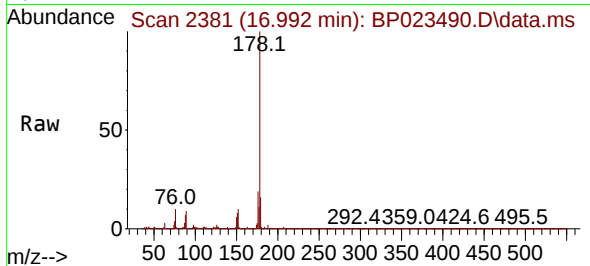
Ion	Ratio	Lower	Upper
105	100		
77	84.7	71.2	106.8
51	26.5	22.9	34.3





#72
Phenanthrene
Concen: 5.128 ng/ul
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023490.D
Acq: 18 Dec 2024 07:43

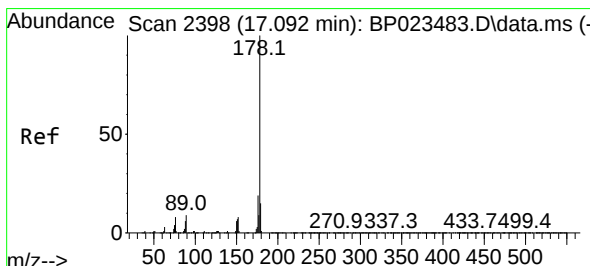
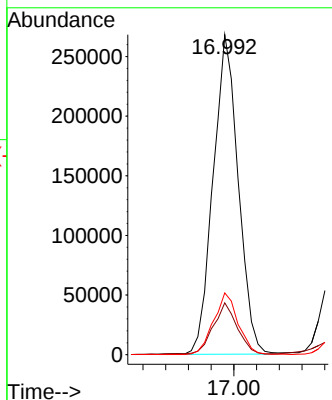
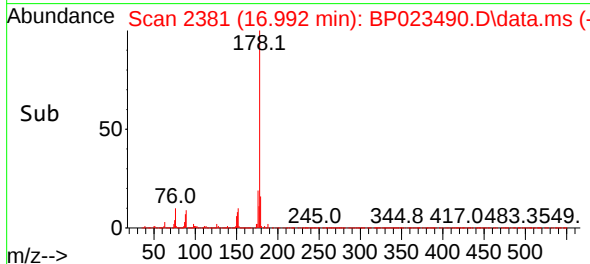
Instrument :
BNA_P
ClientSampleId :
E28X4



Tgt Ion:178 Resp: 41125
Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 19.3 15.4 23.0

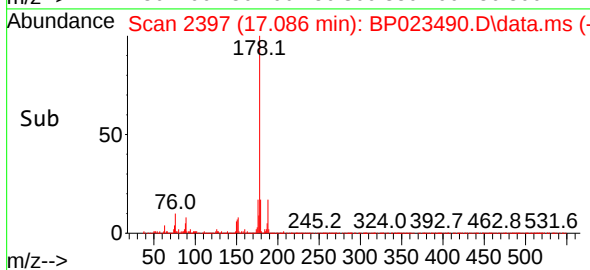
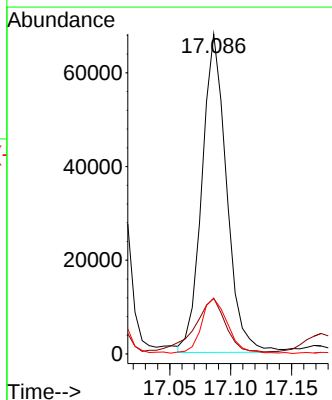
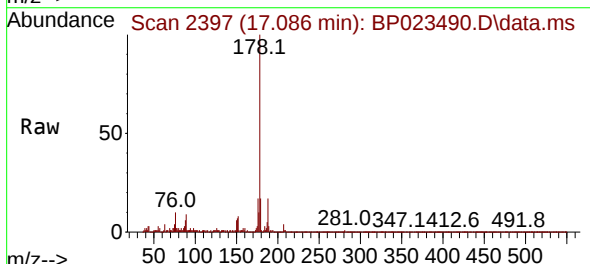
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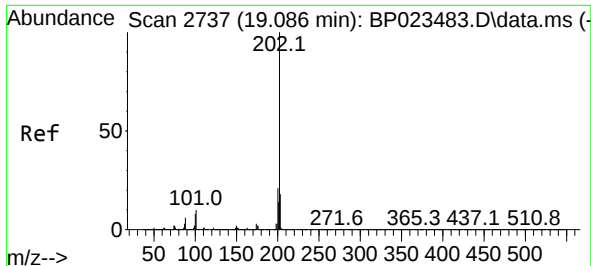
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024



#74
Anthracene
Concen: 1.193 ng/ul
RT: 17.086 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BP023490.D
Acq: 18 Dec 2024 07:43

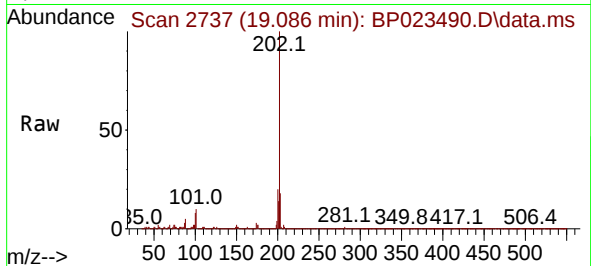
Tgt Ion:178 Resp: 95693
Ion Ratio Lower Upper
178 100
179 17.5 12.3 18.5
176 17.3 14.7 22.1





#80
Fluoranthene
Concen: 8.630 ng/u1
RT: 19.086 min Scan# 2737
Delta R.T. -0.012 min
Lab File: BP023490.D
Acq: 18 Dec 2024 07:43

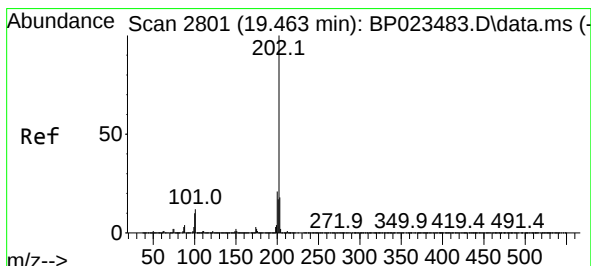
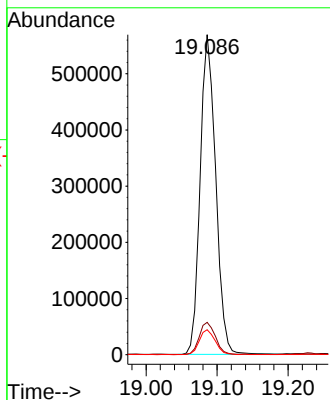
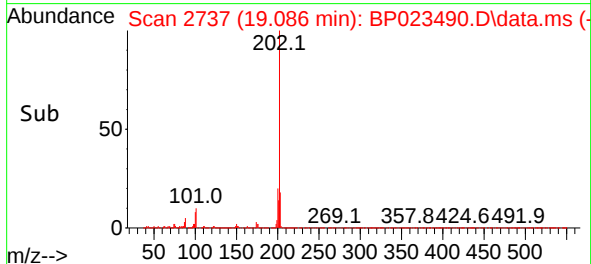
Instrument :
BNA_P
ClientSampleId :
E28X4



Tgt Ion:202 Resp: 867260
Ion Ratio Lower Upper
202 100
101 10.1 5.6 8.4#
100 7.8 4.6 7.0#

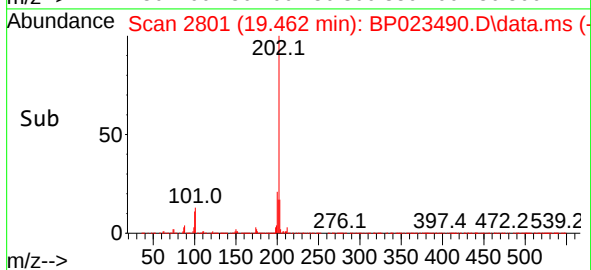
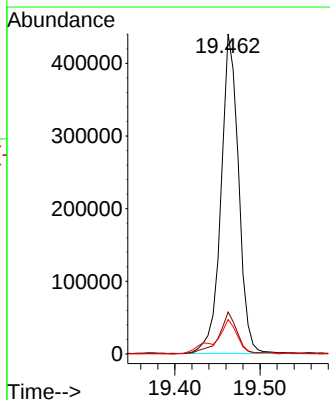
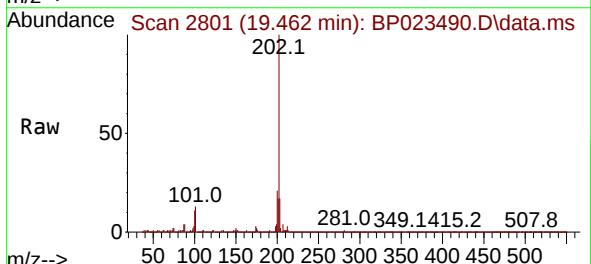
Manual Integrations
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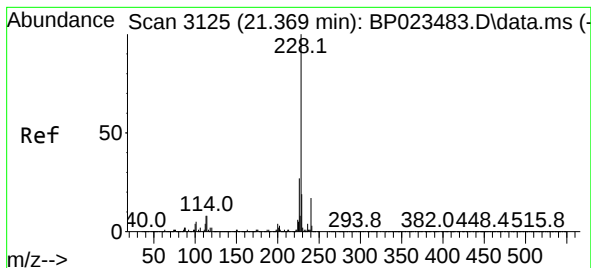
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024



#82
Pyrene
Concen: 5.929 ng/u1
RT: 19.462 min Scan# 2801
Delta R.T. -0.012 min
Lab File: BP023490.D
Acq: 18 Dec 2024 07:43

Tgt Ion:202 Resp: 632239
Ion Ratio Lower Upper
202 100
101 13.1 6.7 10.1#
100 10.8 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 3.682 ng/ul

RT: 21.362 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP023490.D

Acq: 18 Dec 2024 07:43

Instrument :

BNA_P

ClientSampleId :

E28X4

Tgt Ion:228 Resp: 414462

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

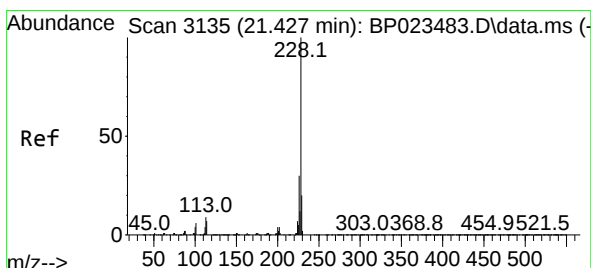
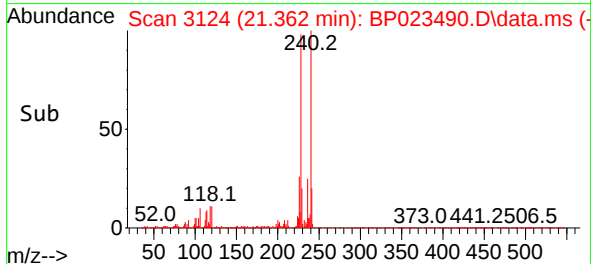
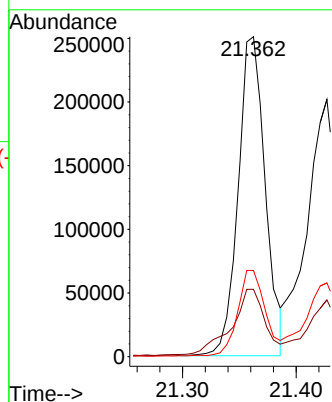
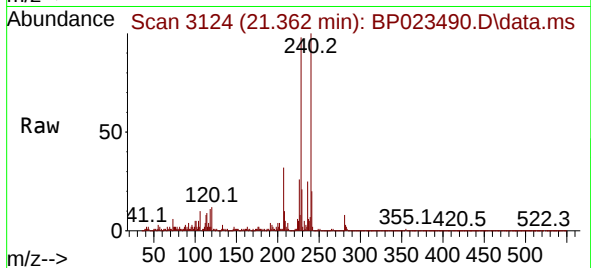
226 27.0 21.6 32.4

Manual Integrations

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#87

Chrysene

Concen: 3.614 ng/ul

RT: 21.427 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP023490.D

Acq: 18 Dec 2024 07:43

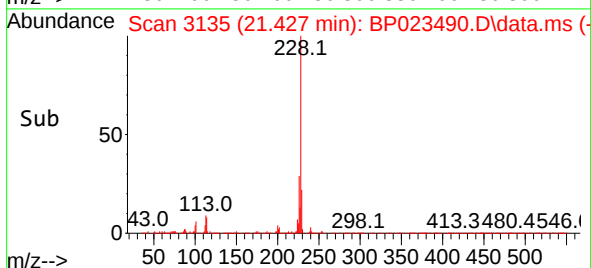
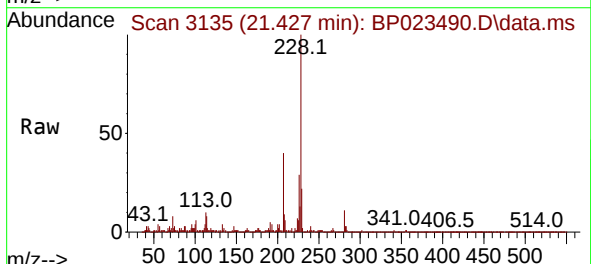
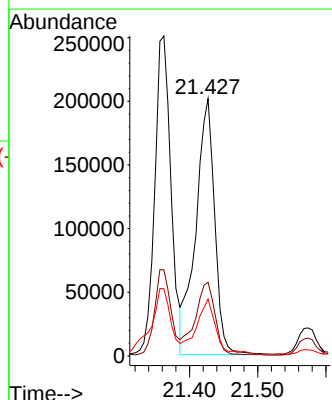
Tgt Ion:228 Resp: 389877

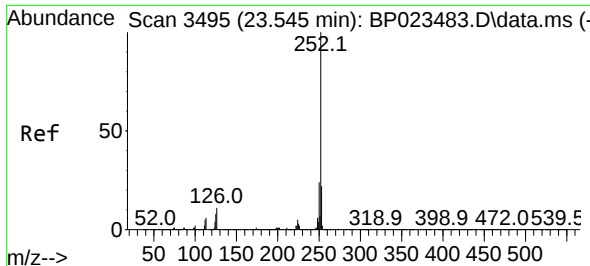
Ion Ratio Lower Upper

228 100

226 28.7 24.2 36.2

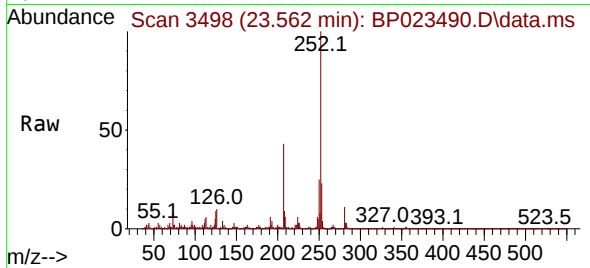
229 22.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 5.148 ng/ul
RT: 23.562 min Scan# 3498
Delta R.T. 0.005 min
Lab File: BP023490.D
Acq: 18 Dec 2024 07:43

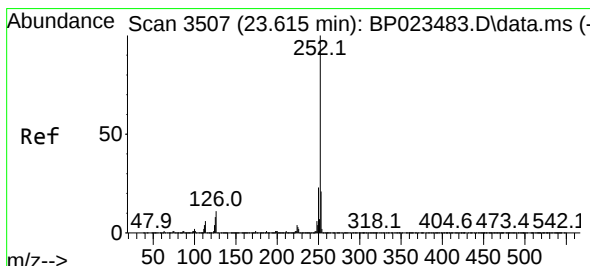
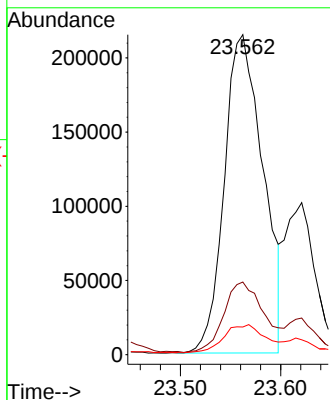
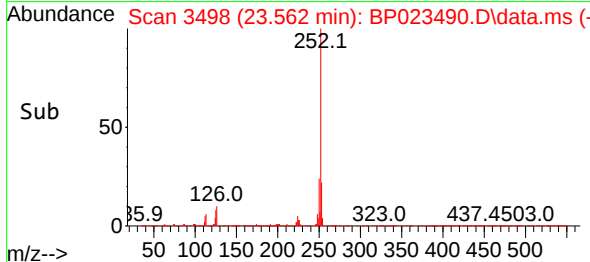
Instrument :
BNA_P
ClientSampleId :
E28X4



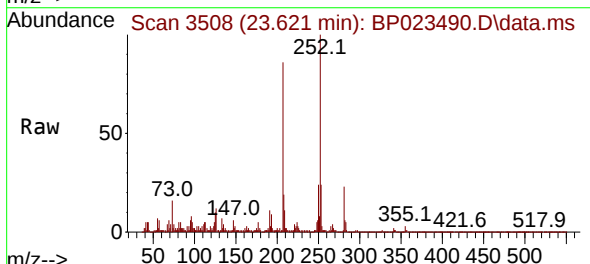
Tgt Ion:252 Resp: 57712
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 8.7 4.4 6.6

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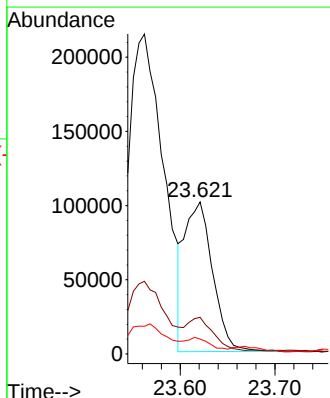
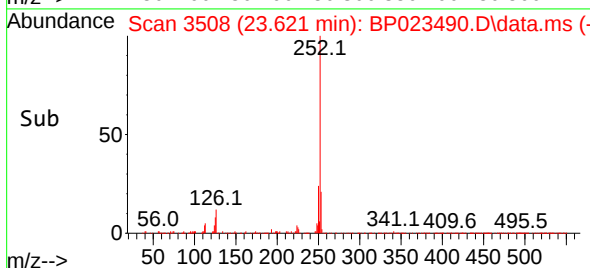
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

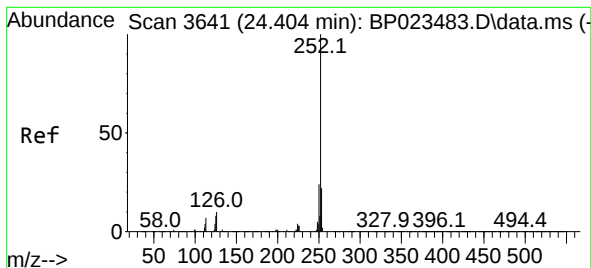


#91
Benzo(k)fluoranthene
Concen: 1.852 ng/ul
RT: 23.621 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BP023490.D
Acq: 18 Dec 2024 07:43



Tgt Ion:252 Resp: 206653
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 9.8 4.3 6.5





#93

Benzo(a)pyrene

Concen: 2.592 ng/ul

RT: 24.397 min Scan# 3641

Delta R.T. -0.012 min

Lab File: BP023490.D

Acq: 18 Dec 2024 07:43

Instrument :

BNA_P

ClientSampleId :

E28X4

Tgt Ion:252 Resp: 26348

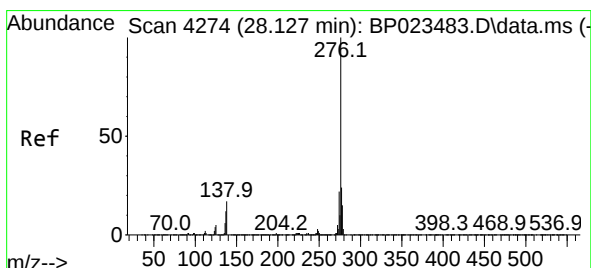
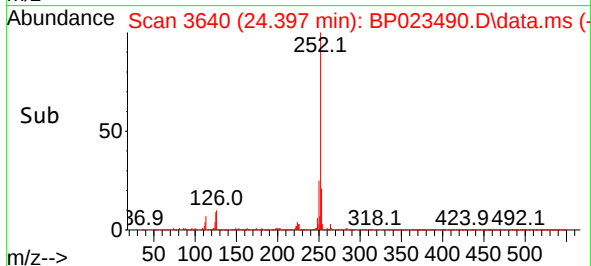
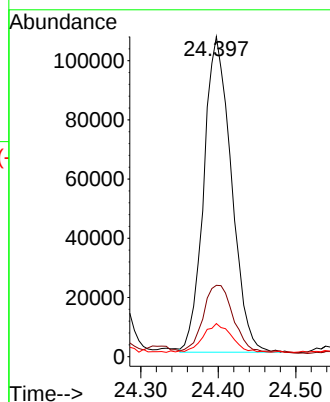
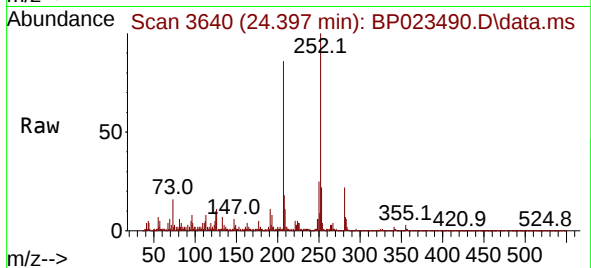
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.4	5.0	7.4

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.846 ng/ul m

RT: 28.127 min Scan# 4274

Delta R.T. -0.018 min

Lab File: BP023490.D

Acq: 18 Dec 2024 07:43

Tgt Ion:276 Resp: 241213

Ion	Ratio	Lower	Upper
276	100		
138	17.4	7.8	11.6
277	24.3	19.8	29.8

