

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023534.D
 Acq On : 19 Dec 2024 19:21
 Operator : RC/JU
 Sample : P5265-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 23:33:15 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	246415	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.263	136	910426	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.128	164	654802	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.940	188	1430806	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.375	240	1491433	20.000	ng/ul	#-0.01
88) Perylene-d12	24.539	264	1541590	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	22410	3.348	ng/uL	-0.01
4) Pyridine-d5	3.517	84	124985	7.262	ng/ul	0.00
7) Phenol-d5	6.740	99	512038	26.483	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	342186	28.052	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	364830	25.566	ng/ul	-0.01
15) 4-Methylphenol-d8	8.240	113	364151	23.336	ng/ul	-0.02
21) Nitrobenzene-d5	8.669	128	179676	26.429	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	196941	25.135	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.928	165	385129	23.289	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	326931	17.647	ng/ul	-0.01
46) Dimethylphthalate-d6	13.540	166	1324465	26.055	ng/ul	-0.02
49) Acenaphthylene-d8	13.816	160	1392970	25.980	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.446	143	138920m	22.302	ng/ul	0.04
60) Fluorene-d10	15.151	176	1052663	23.544	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	116169	13.434	ng/ul	0.00
73) Anthracene-d10	17.040	188	1695050	25.958	ng/ul	-0.01
81) Pyrene-d10	19.439	212	1812310	23.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	1504883	18.236	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	42868	2.130	ng/ul	98
72) Phenanthrene	16.981	178	135842	1.836	ng/ul	98
80) Fluoranthene	19.086	202	330294	3.699	ng/ul#	91
82) Pyrene	19.469	202	285126	3.009	ng/ul#	92
85) Benzo(a)anthracene	21.357	228	128888	1.289	ng/ul	98
87) Chrysene	21.428	228	158697	1.656	ng/ul	97
90) Benzo(b)fluoranthene	23.551	252	211509	2.184	ng/ul#	93
93) Benzo(a)pyrene	24.392	252	126384	1.439	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.157	276	116641m	1.034	ng/ul	
96) Benzo(g,h,i)perylene	29.262	276	122892m	1.422	ng/ul	

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

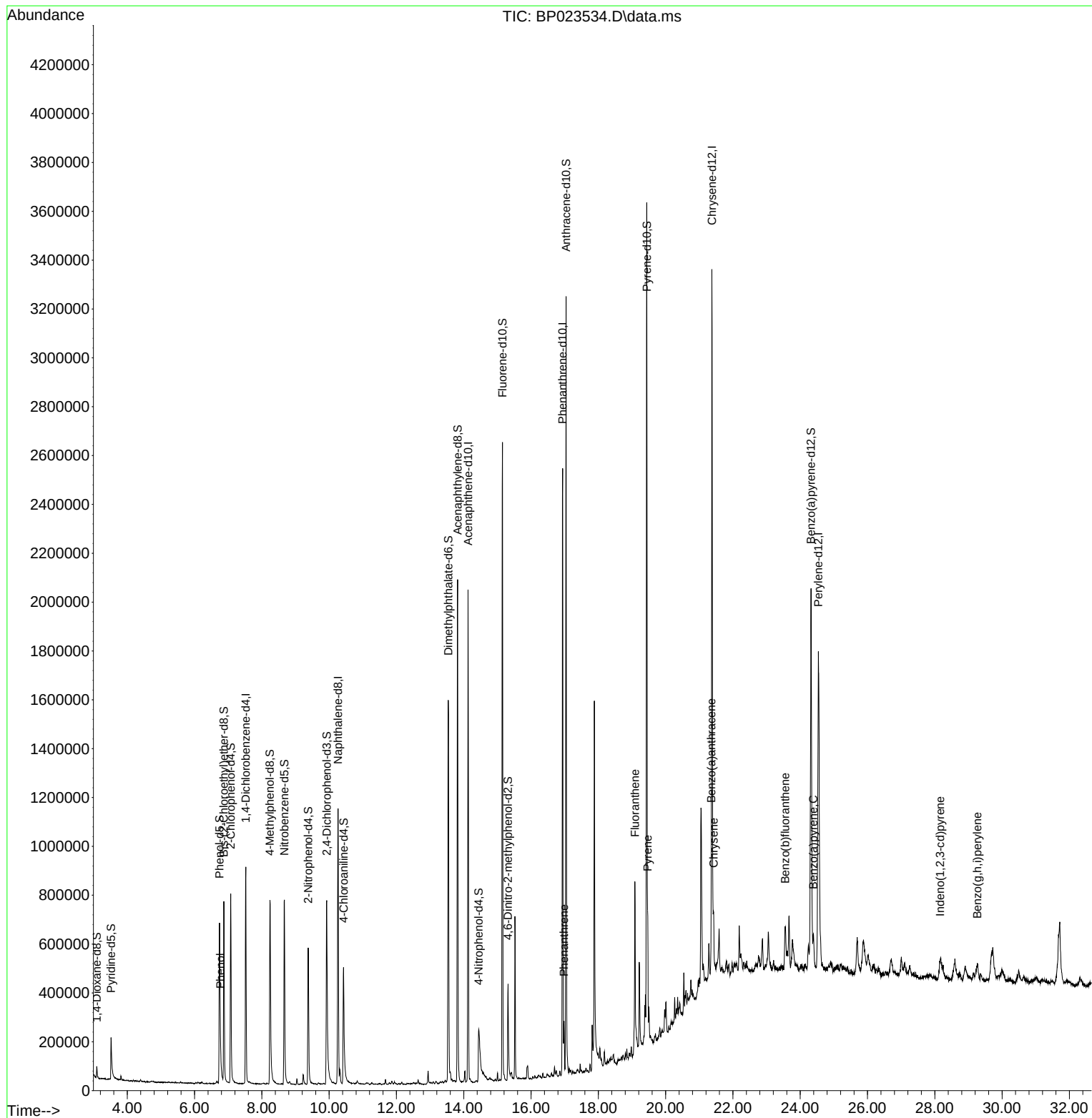
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
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ALS Vial : 10 Sample Multiplier: 1

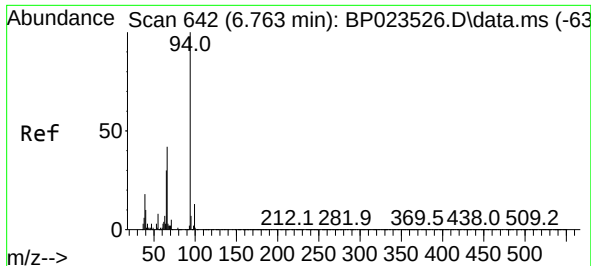
Instrument :
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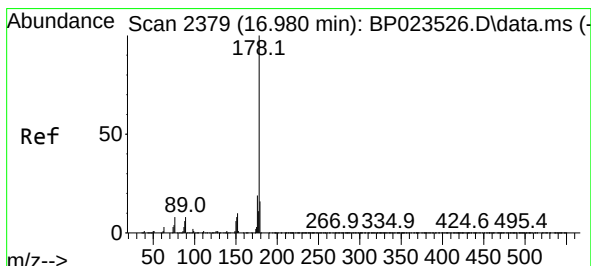
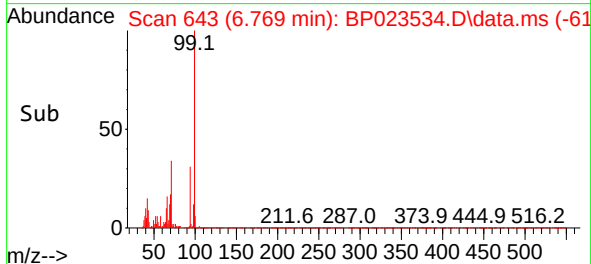
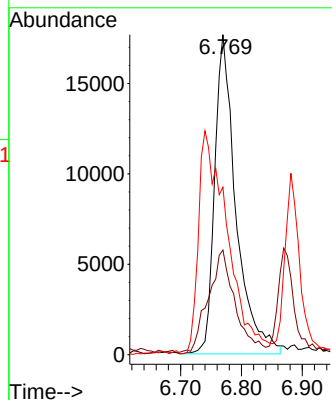
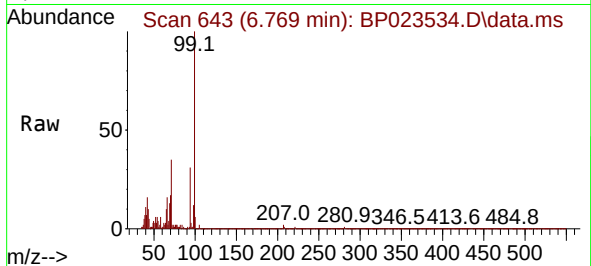
#8
Phenol
Concen: 2.130 ng/ul
RT: 6.769 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP023534.D
Acq: 19 Dec 2024 19:21

Instrument :
BNA_P
ClientSampleId :
E28Z2

Tgt Ion: 94 Resp: 4286
Ion Ratio Lower Upper
94 100
65 32.7 28.0 42.0
66 52.4 42.0 63.0

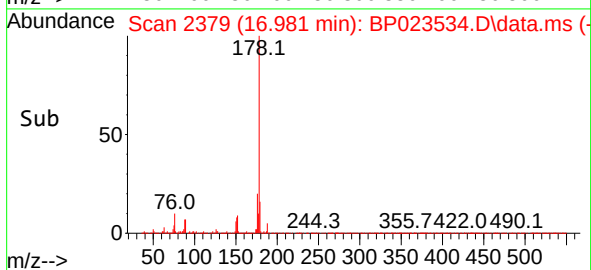
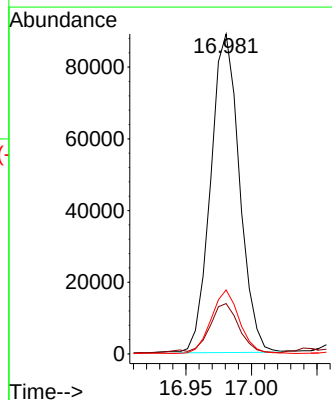
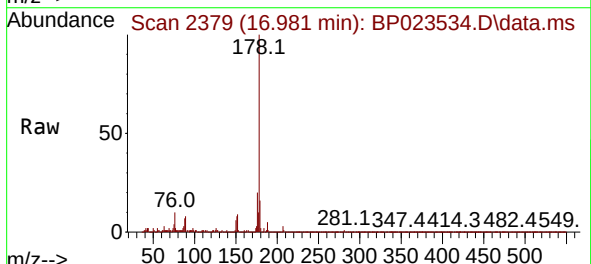
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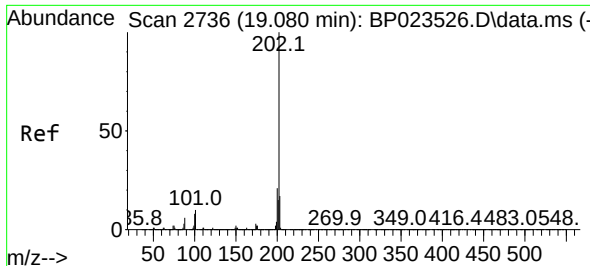
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#72
Phenanthrene
Concen: 1.836 ng/ul
RT: 16.981 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP023534.D
Acq: 19 Dec 2024 19:21

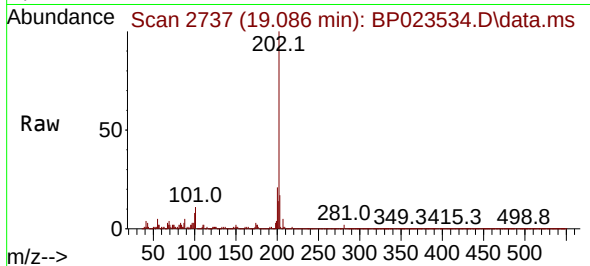
Tgt Ion:178 Resp: 135842
Ion Ratio Lower Upper
178 100
179 15.7 12.1 18.1
176 20.0 15.4 23.0





#80
Fluoranthene
Concen: 3.699 ng/u1
RT: 19.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023534.D
Acq: 19 Dec 2024 19:21

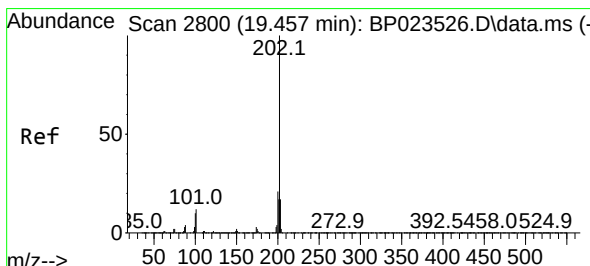
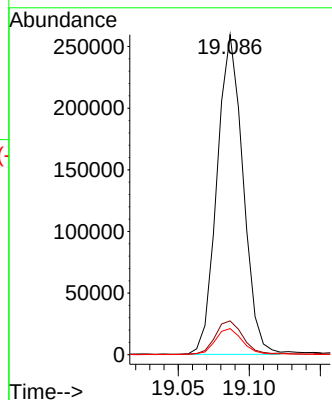
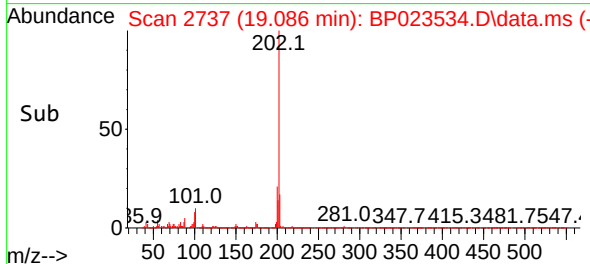
Instrument :
BNA_P
ClientSampleId :
E28Z2



Tgt Ion:202 Resp: 330294
Ion Ratio Lower Upper
202 100
101 10.6 5.6 8.4#
100 8.2 4.6 7.0#

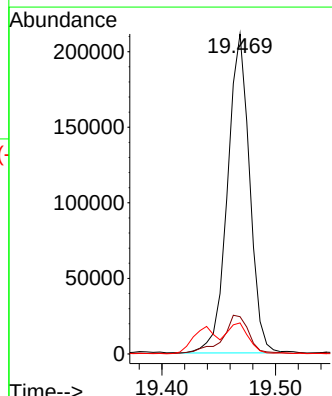
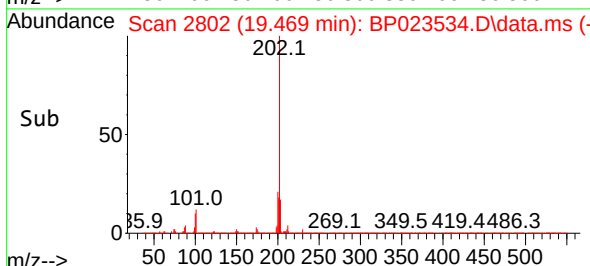
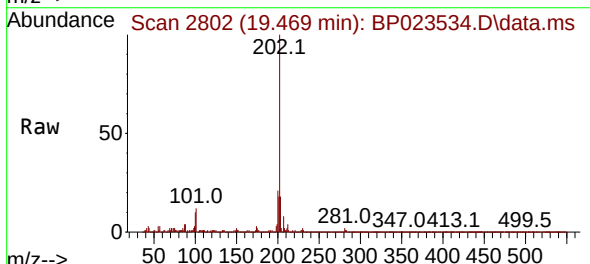
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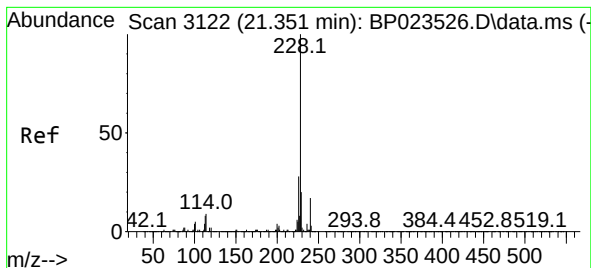
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#82
Pyrene
Concen: 3.009 ng/u1
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP023534.D
Acq: 19 Dec 2024 19:21

Tgt Ion:202 Resp: 285126
Ion Ratio Lower Upper
202 100
101 11.7 6.7 10.1#
100 9.7 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 1.289 ng/ul

RT: 21.357 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BP023534.D

Acq: 19 Dec 2024 19:21

Instrument :

BNA_P

ClientSampleId :

E28Z2

Tgt Ion:228 Resp: 12888

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

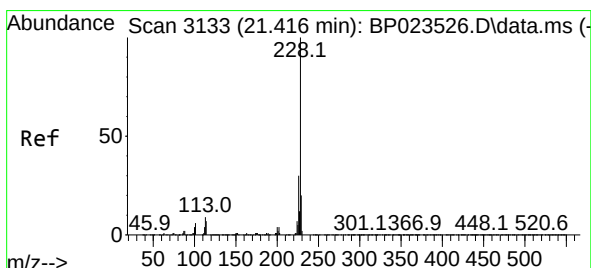
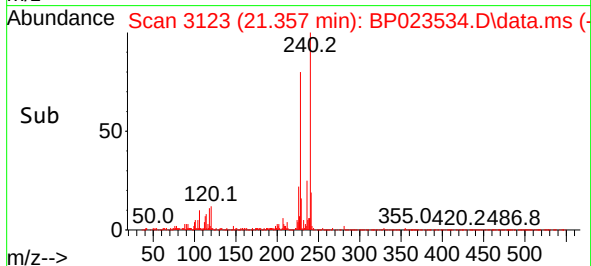
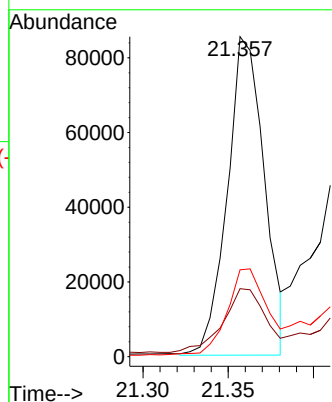
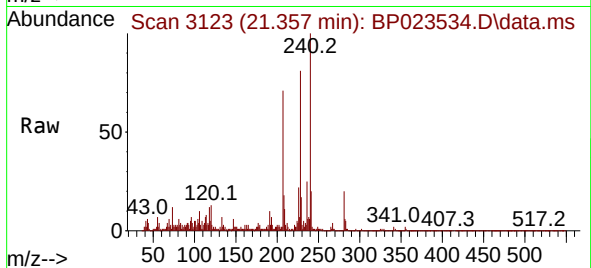
226 27.1 21.6 32.4

Manual Integrations

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#87

Chrysene

Concen: 1.656 ng/ul

RT: 21.428 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP023534.D

Acq: 19 Dec 2024 19:21

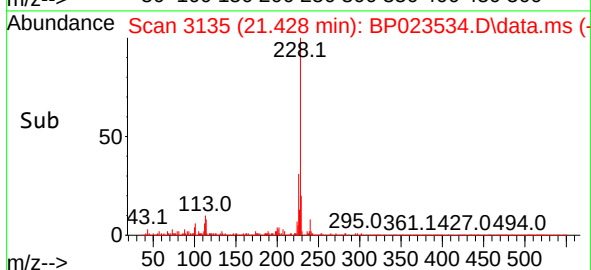
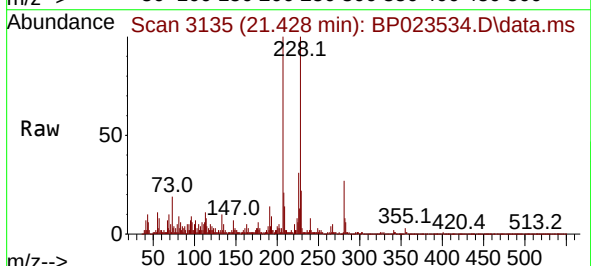
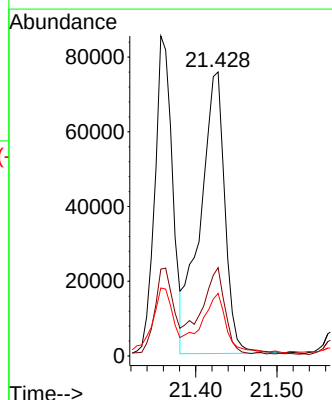
Tgt Ion:228 Resp: 158697

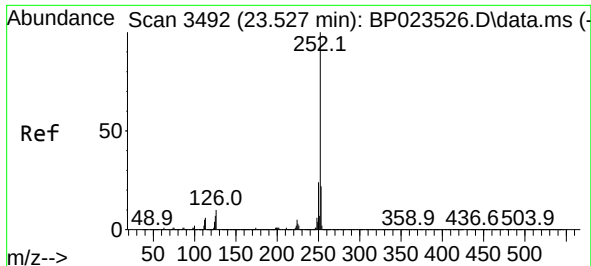
Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 22.0 15.6 23.4





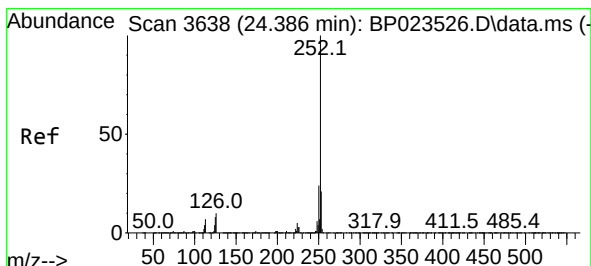
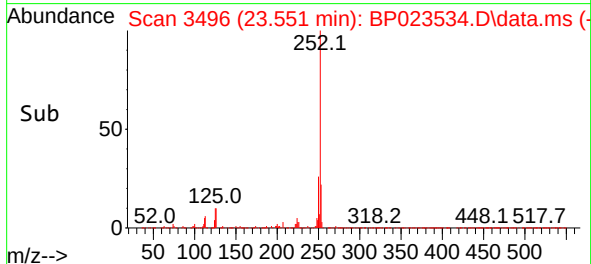
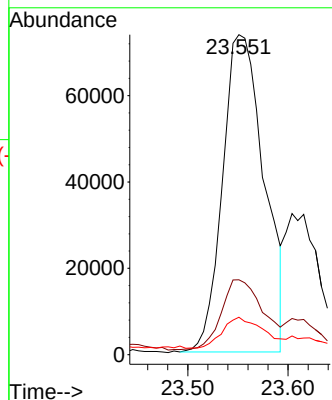
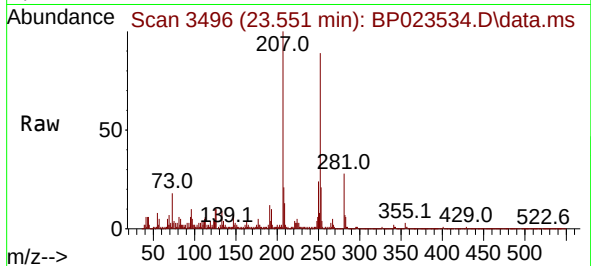
#90
Benzo(b)fluoranthene
Concen: 2.184 ng/u1
RT: 23.551 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP023534.D
Acq: 19 Dec 2024 19:21

Instrument : BNA_P
ClientSampleId : E28Z2

Tgt Ion:252 Resp: 211509
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 11.7 4.4 6.6

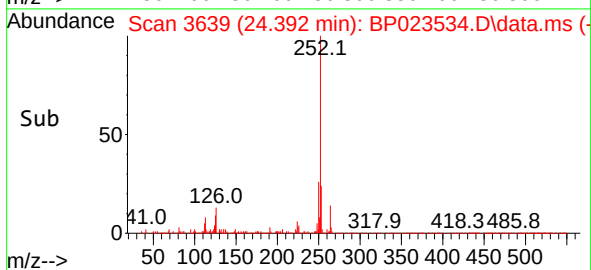
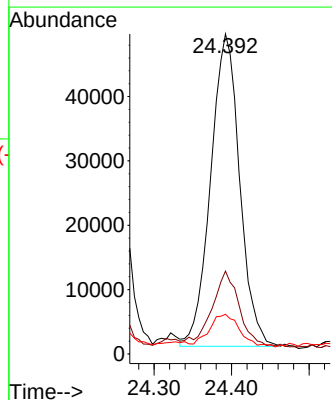
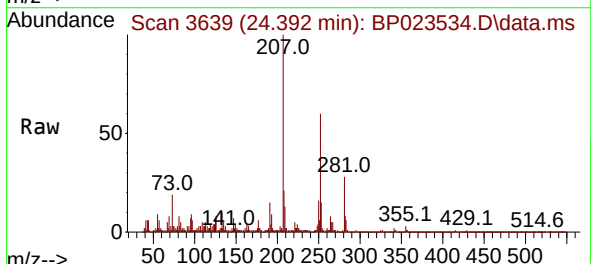
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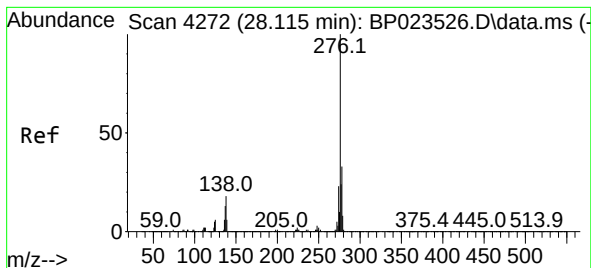
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#93
Benzo(a)pyrene
Concen: 1.439 ng/u1
RT: 24.392 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BP023534.D
Acq: 19 Dec 2024 19:21

Tgt Ion:252 Resp: 126384
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 12.4 5.0 7.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.034 ng/ul m

RT: 28.157 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP023534.D

Acq: 19 Dec 2024 19:21

Instrument :

BNA_P

ClientSampleId :

E28Z2

Tgt Ion:276 Resp: 11664

Ion Ratio Lower Upper

276 100

138 18.3 7.8 11.6

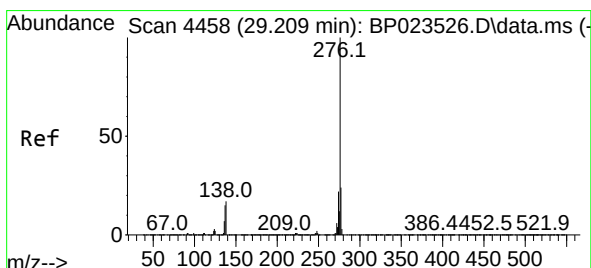
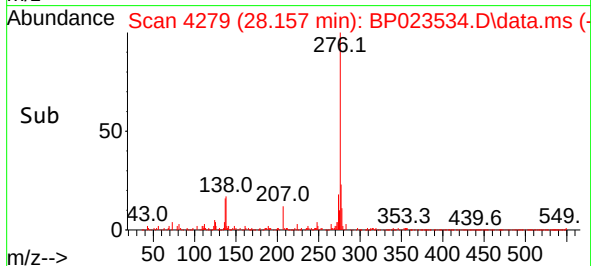
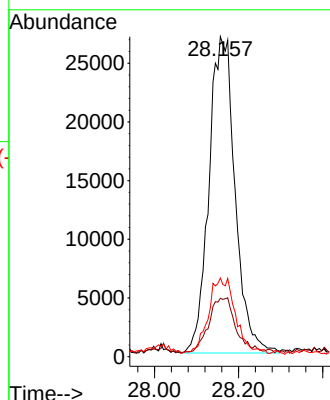
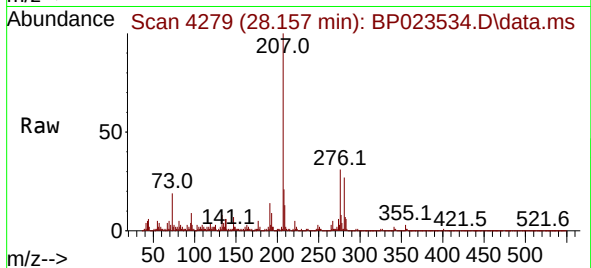
277 24.6 19.8 29.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.422 ng/ul m

RT: 29.262 min Scan# 4467

Delta R.T. 0.012 min

Lab File: BP023534.D

Acq: 19 Dec 2024 19:21

Tgt Ion:276 Resp: 122892

Ion Ratio Lower Upper

276 100

138 18.6 8.5 12.7

277 24.6 18.9 28.3

