

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023542.D
 Acq On : 20 Dec 2024 01:25
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z1

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:27:40 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	7.516	152	279742	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	1108396	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	824057	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1910026	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.375	240	1956747	20.000	ng/u1	#-0.01
88) Perylene-d12	24.539	264	2088452	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	27490	3.618	ng/uL	-0.01
4) Pyridine-d5	3.505	84	383098	19.607	ng/u1	-0.01
7) Phenol-d5	6.740	99	564922	25.738	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	335765	24.246	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	395802	24.432	ng/u1	-0.01
15) 4-Methylphenol-d8	8.240	113	448504	25.318	ng/u1	-0.02
21) Nitrobenzene-d5	8.669	128	196494	23.740	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.381	143	232283	24.351	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.922	165	460106	22.853	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.428	131	507627	22.507	ng/u1	-0.01
46) Dimethylphthalate-d6	13.557	166	1506361	23.547	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	1463977	21.696	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.440	143	187301	23.893	ng/u1	0.03
60) Fluorene-d10	15.145	176	1066486	18.954	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.322	200	65074	5.637	ng/u1	0.01
73) Anthracene-d10	17.045	188	1757219	20.158	ng/u1	0.00
81) Pyrene-d10	19.428	212	1765135	17.266	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.316	264	1452216	12.989	ng/u1	-0.03
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	52664	2.305	ng/u1	94
72) Phenanthrene	16.981	178	923202	9.349	ng/u1	99
80) Fluoranthene	19.075	202	2230469	19.040	ng/u1#	93
82) Pyrene	19.457	202	2022305	16.269	ng/u1#	92
85) Benzo(a)anthracene	21.351	228	509567	3.883	ng/u1	97
87) Chrysene	21.422	228	797898	6.345	ng/u1	99
90) Benzo(b)fluoranthene	23.533	252	1190152	9.070	ng/u1#	96
91) Benzo(k)fluoranthene	23.604	252	368871m	2.825	ng/u1	
93) Benzo(a)pyrene	24.386	252	705646	5.931	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.121	276	708892	4.637	ng/u1#	93
96) Benzo(g,h,i)perylene	29.233	276	763540	6.523	ng/u1#	94

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

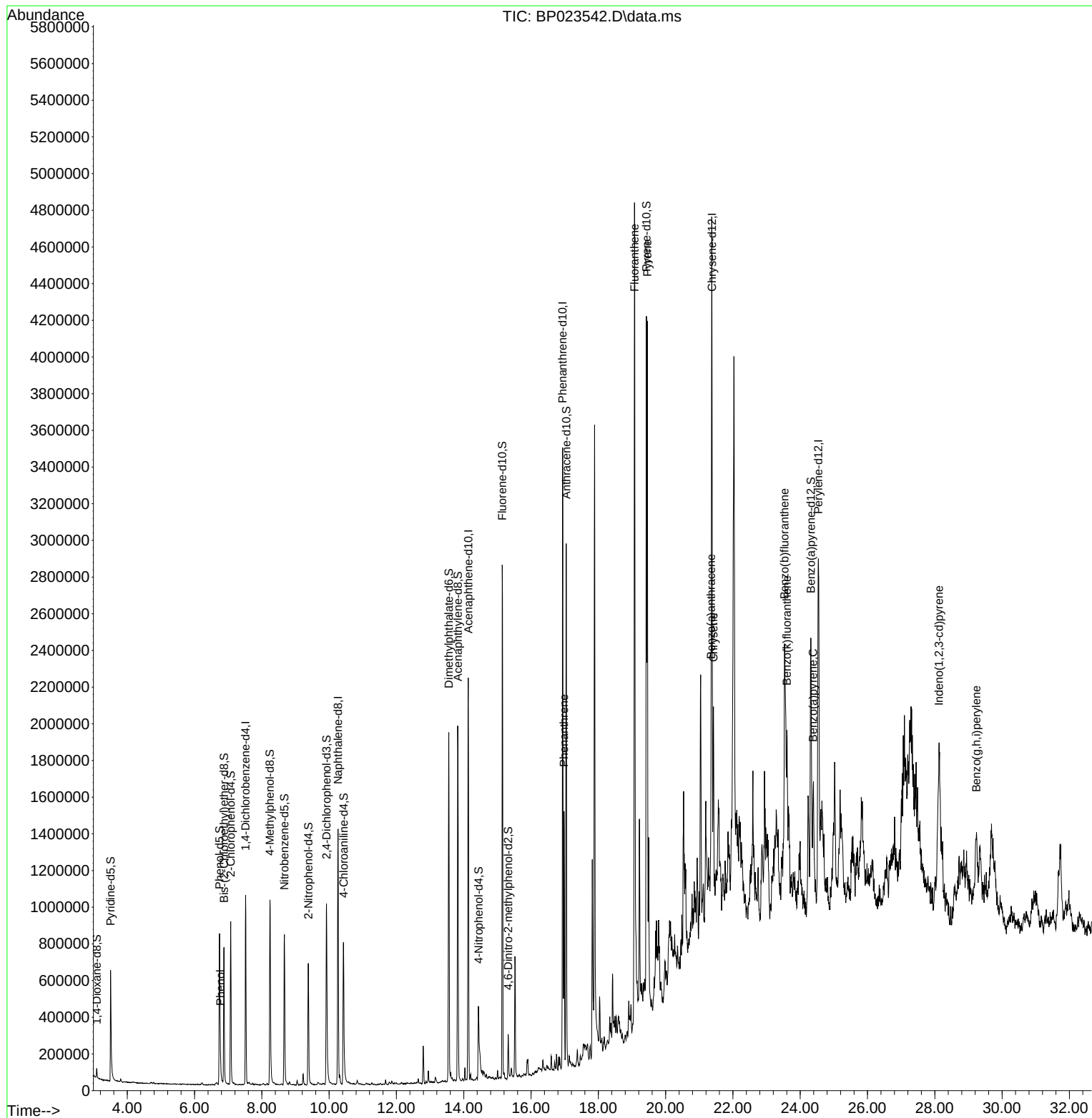
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023542.D
Acq On : 20 Dec 2024 01:25
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

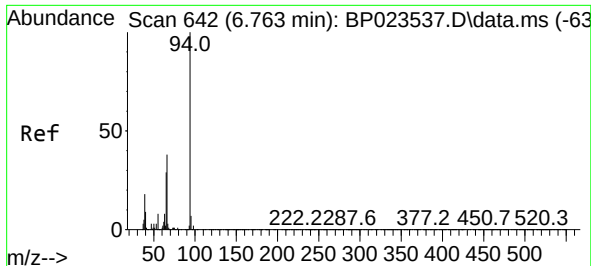
Instrument :
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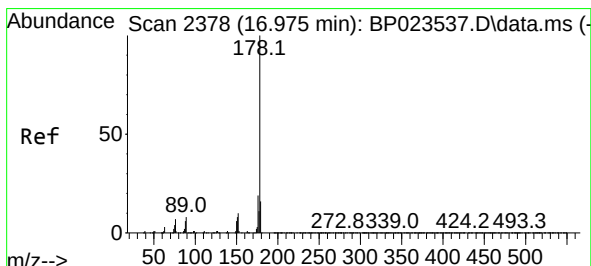
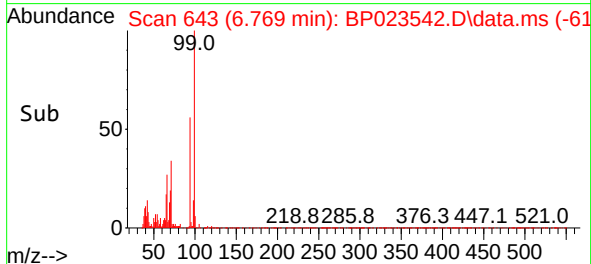
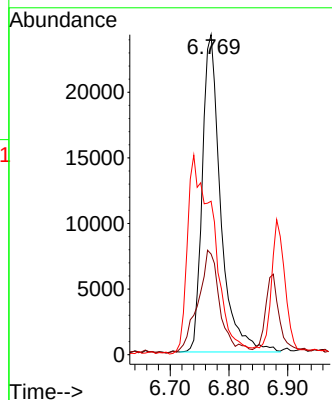
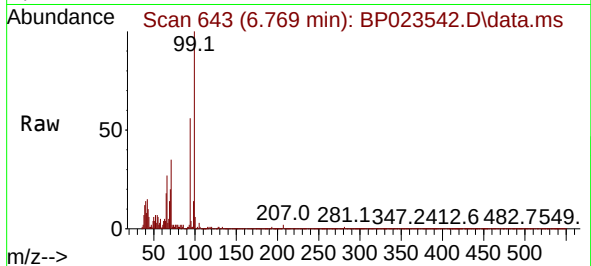
#8
Phenol
Concen: 2.305 ng/ul
RT: 6.769 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP023542.D
Acq: 20 Dec 2024 01:25

Instrument :
BNA_P
ClientSampleId :
E28Z1

Tgt Ion: 94 Resp: 52664
Ion Ratio Lower Upper
94 100
65 31.5 28.0 42.0
66 47.9 42.0 63.0

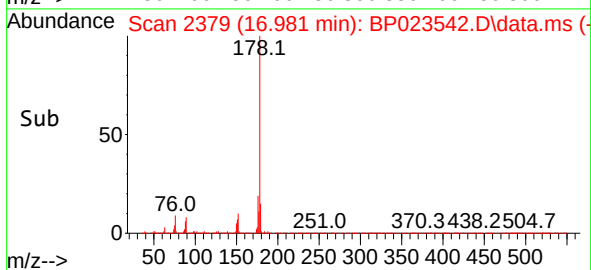
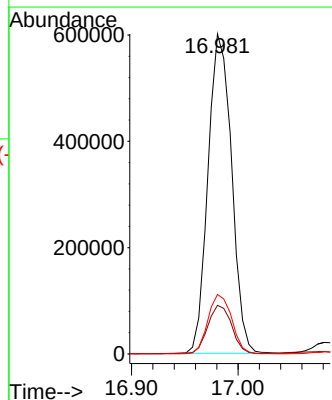
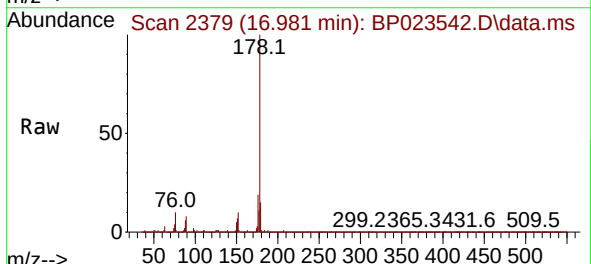
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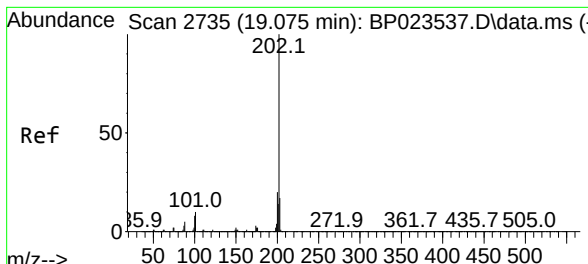
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#72
Phenanthrene
Concen: 9.349 ng/ul
RT: 16.981 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP023542.D
Acq: 20 Dec 2024 01:25

Tgt Ion:178 Resp: 923202
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.6 15.4 23.0





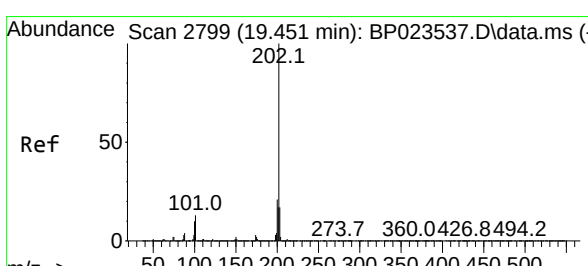
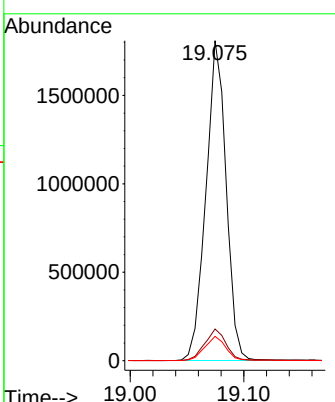
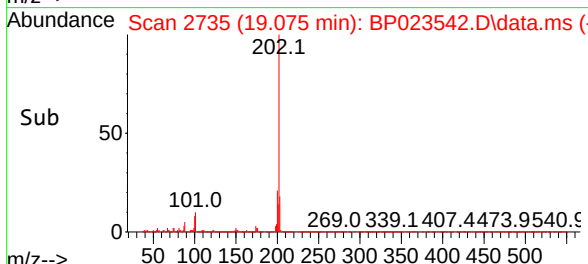
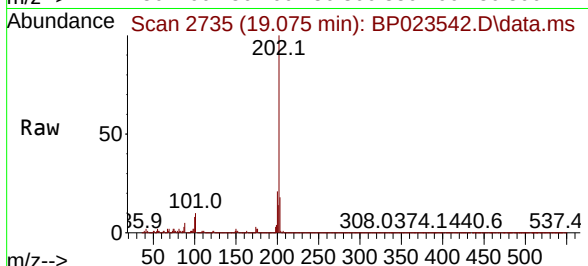
#80
 Fluoranthene
 Concen: 19.040 ng/u1
 RT: 19.075 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP023542.D
 Acq: 20 Dec 2024 01:25

Instrument : BNA_P
 ClientSampleId : E28Z1

Tgt Ion:202 Resp: 2230469

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.6	8.4
100	7.6	4.6	7.0

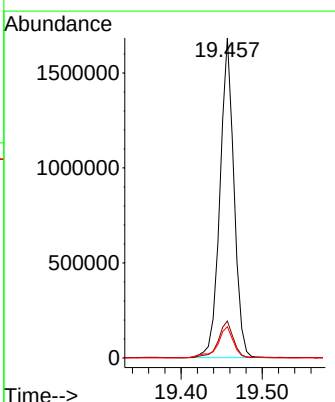
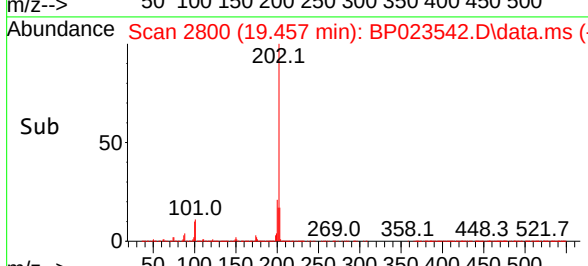
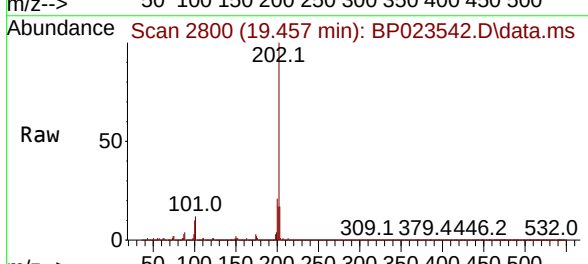
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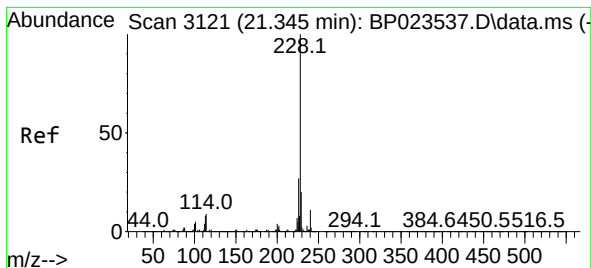


#82
 Pyrene
 Concen: 16.269 ng/u1
 RT: 19.457 min Scan# 2800
 Delta R.T. -0.018 min
 Lab File: BP023542.D
 Acq: 20 Dec 2024 01:25

Tgt Ion:202 Resp: 2022305

Ion	Ratio	Lower	Upper
202	100		
101	11.6	6.7	10.1
100	9.7	5.8	8.8





#85

Benzo(a)anthracene

Concen: 3.883 ng/u1

RT: 21.351 min Scan# 3121

Delta R.T. -0.018 min

Lab File: BP023542.D

Acq: 20 Dec 2024 01:25

Instrument :

BNA_P

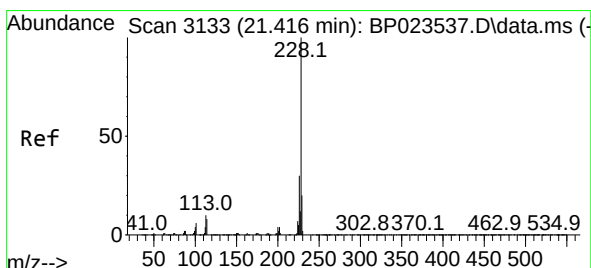
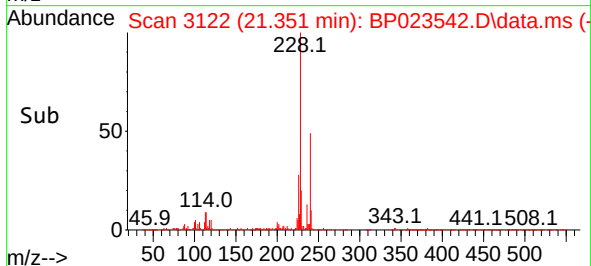
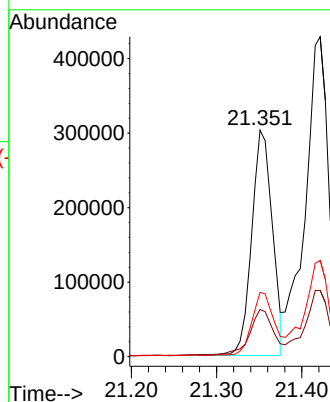
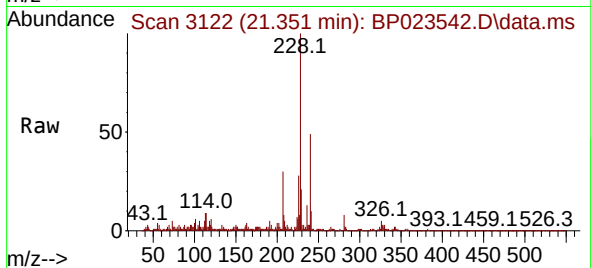
ClientSampleId :

E28Z1

Tgt Ion:228 Resp: 50956
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.7 23.5
 226 28.4 21.6 32.4

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#87

Chrysene

Concen: 6.345 ng/u1

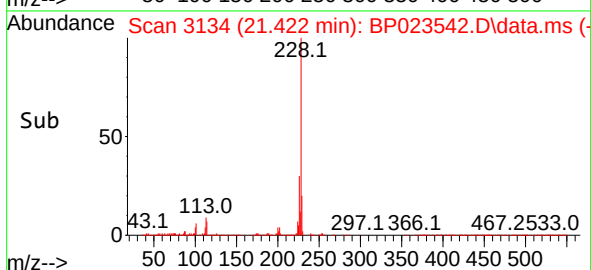
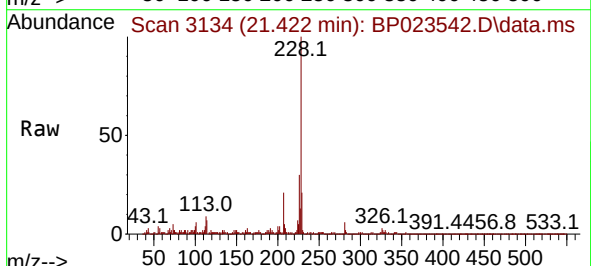
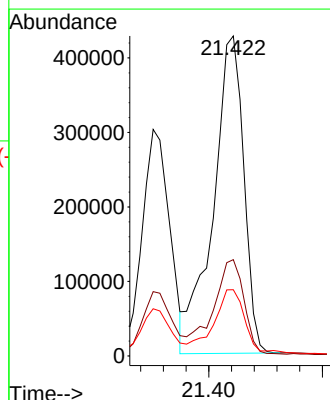
RT: 21.422 min Scan# 3134

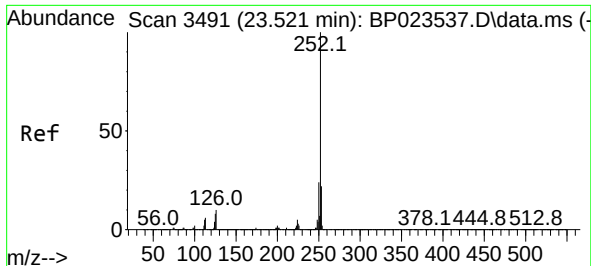
Delta R.T. -0.018 min

Lab File: BP023542.D

Acq: 20 Dec 2024 01:25

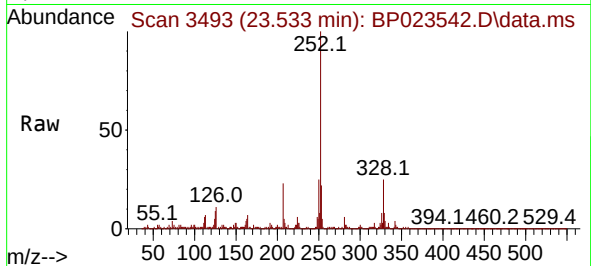
Tgt Ion:228 Resp: 797898
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 20.7 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 9.070 ng/ul
RT: 23.533 min Scan# 3491
Delta R.T. -0.023 min
Lab File: BP023542.D
Acq: 20 Dec 2024 01:25

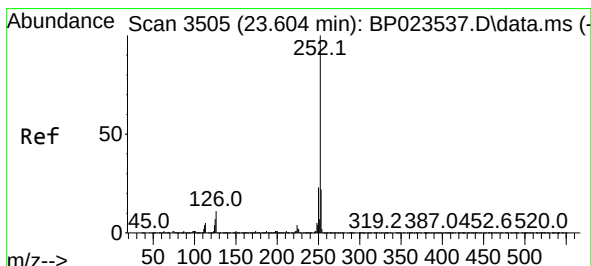
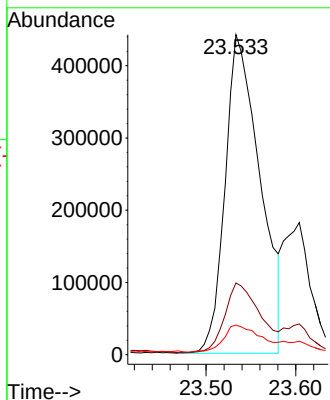
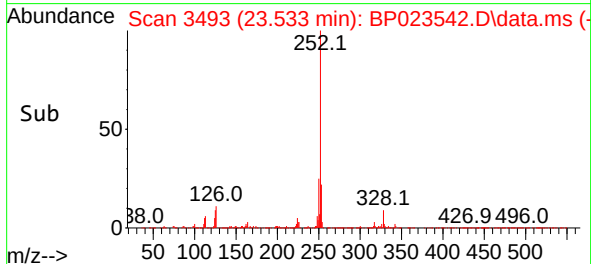
Instrument :
BNA_P
ClientSampleId :
E28Z1



Tgt Ion:252 Resp: 119015
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.3 4.4 6.6

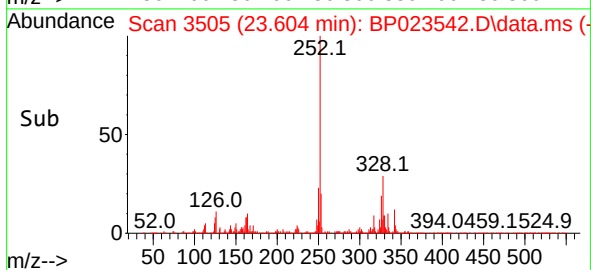
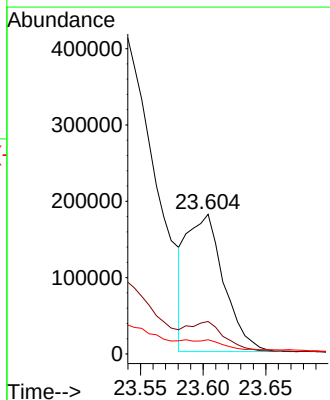
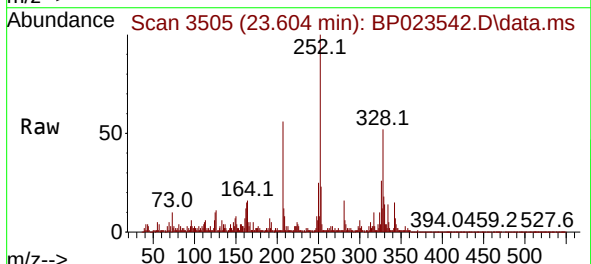
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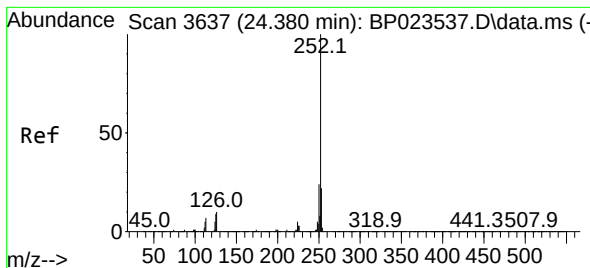
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#91
Benzo(k)fluoranthene
Concen: 2.825 ng/ul m
RT: 23.604 min Scan# 3505
Delta R.T. -0.018 min
Lab File: BP023542.D
Acq: 20 Dec 2024 01:25

Tgt Ion:252 Resp: 368871
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.2 4.3 6.5





#93

Benzo(a)pyrene

Concen: 5.931 ng/ul

RT: 24.386 min Scan# 30

Delta R.T. -0.024 min

Lab File: BP023542.D

Acq: 20 Dec 2024 01:25

Instrument :

BNA_P

ClientSampleId :

E28Z1

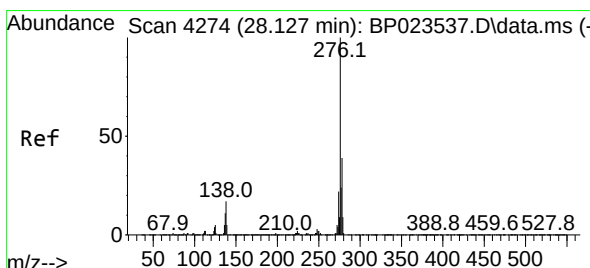
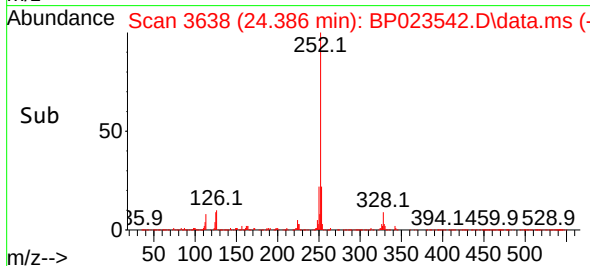
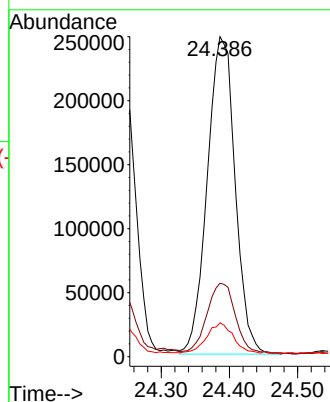
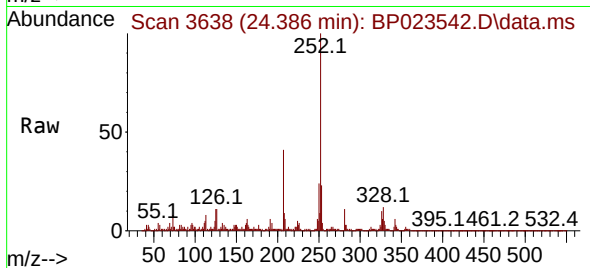
Tgt Ion:	252	Resp:	705640
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	10.6	5.0	7.4

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.637 ng/ul

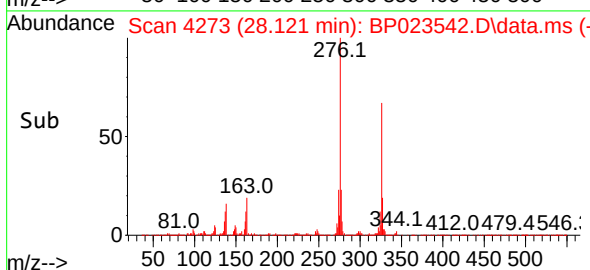
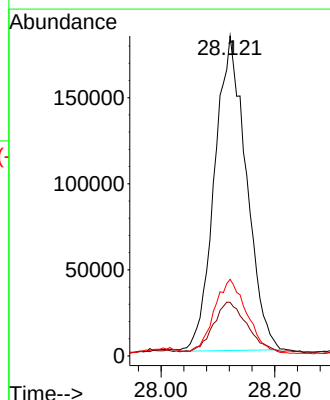
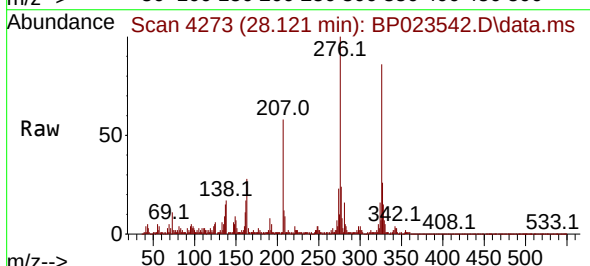
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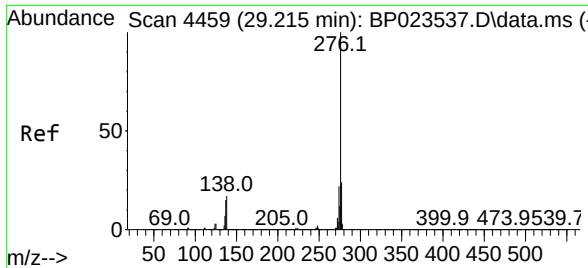
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Lab File: BP023542.D

Acq: 20 Dec 2024 01:25

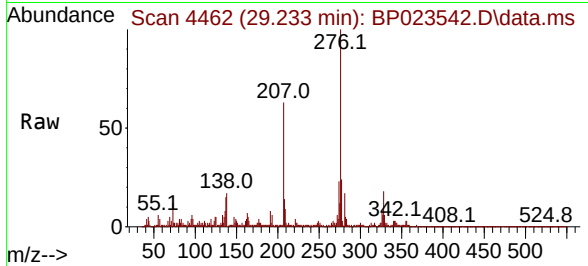
Tgt Ion:	276	Resp:	708892
Ion Ratio	Lower	Upper	
276	100		
138	16.8	7.8	11.6
277	24.0	19.8	29.8





#96
 Benzo(g,h,i)perylene
 Concen: 6.523 ng/ul
 RT: 29.233 min Scan# 44
 Delta R.T. -0.018 min
 Lab File: BP023542.D
 Acq: 20 Dec 2024 01:25

Instrument :
 BNA_P
 ClientSampleId :
 E28Z1



Tgt Ion:276 Resp: 763540
 Ion Ratio Lower Upper
 276 100
 138 16.5 8.5 12.7
 277 24.2 18.9 28.3

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