

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023530.D
 Acq On : 19 Dec 2024 16:40
 Operator : RC/JU
 Sample : P5265-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z3

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 17:07:21 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	230354	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.269	136	990068	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.134	164	745938	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.945	188	1527439	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.369	240	1527829	20.000	ng/u1	#-0.02
88) Perylene-d12	24.521	264	1631741	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	14350	2.293	ng/uL	-0.01
4) Pyridine-d5	3.517	84	156597	9.733	ng/u1	0.00
7) Phenol-d5	6.746	99	256005	14.164	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	173272	15.195	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	189796	14.228	ng/u1	-0.01
15) 4-Methylphenol-d8	8.252	113	205174	14.065	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	91937	12.435	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.381	143	105454	12.376	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.934	165	203548	11.319	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	208204	10.335	ng/u1	0.00
46) Dimethylphthalate-d6	13.540	166	745202	12.869	ng/u1	-0.02
49) Acenaphthylene-d8	13.822	160	725281	11.874	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.481	143	65279m	9.199	ng/u1	0.07
60) Fluorene-d10	15.151	176	528740	10.381	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	54422	5.895	ng/u1	0.01
73) Anthracene-d10	17.045	188	805177	11.550	ng/u1	0.00
81) Pyrene-d10	19.428	212	849926	10.648	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.316	264	676106	7.740	ng/u1	-0.03
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	22236	1.182	ng/u1#	87
72) Phenanthrene	16.986	178	381992	4.837	ng/u1	99
80) Fluoranthene	19.086	202	450718	4.928	ng/u1#	91
82) Pyrene	19.469	202	396792	4.088	ng/u1#	92
85) Benzo(a)anthracene	21.351	228	102988	1.005	ng/u1	96
87) Chrysene	21.416	228	126467	1.288	ng/u1	98
90) Benzo(b)fluoranthene	23.545	252	171326	1.671	ng/u1#	92
93) Benzo(a)pyrene	24.380	252	106049	1.141	ng/u1#	94
96) Benzo(g,h,i)perylene	29.268	276	98229m	1.074	ng/u1	

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

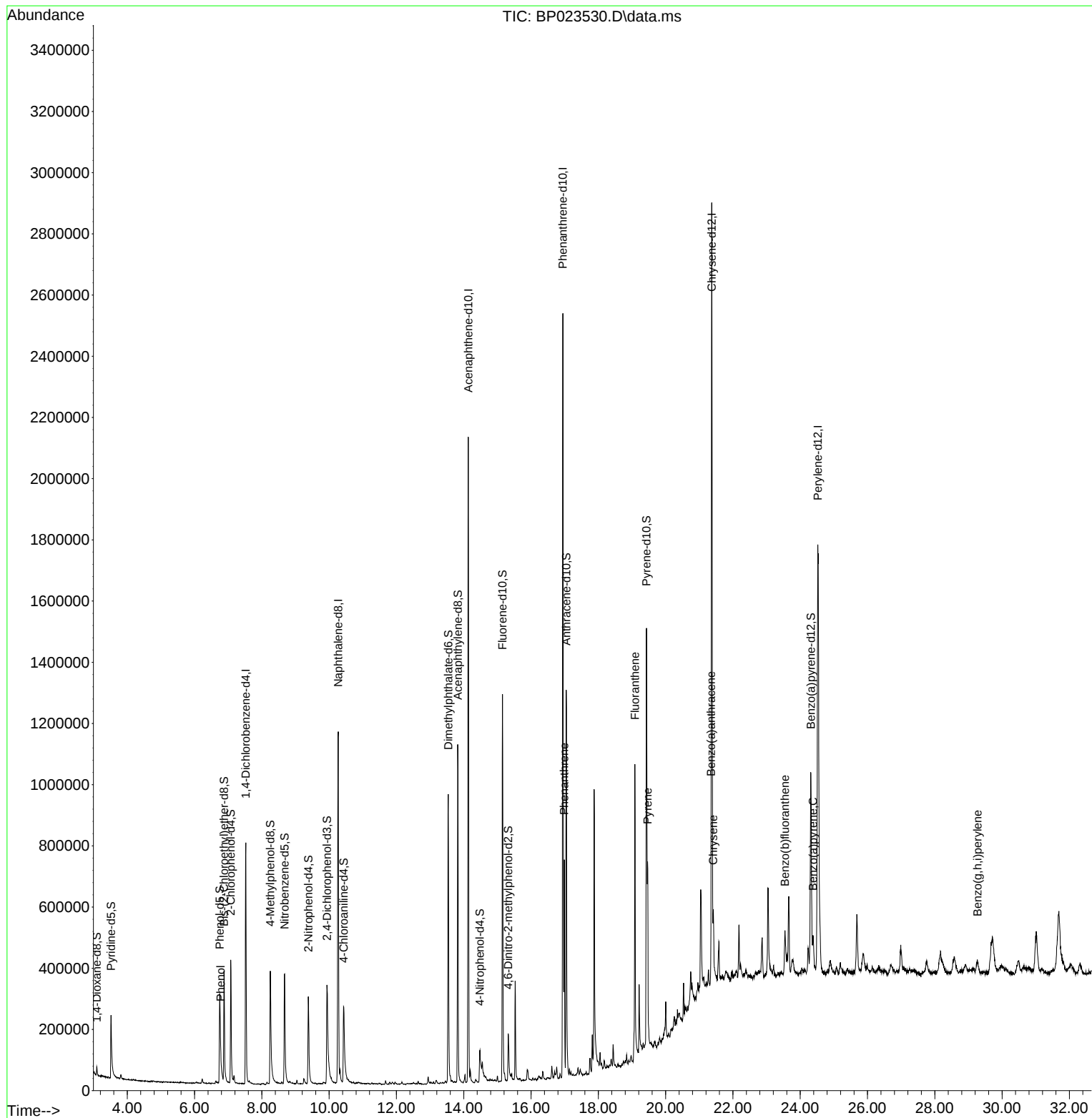
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023530.D
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Operator : RC/JU
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ALS Vial : 6 Sample Multiplier: 1

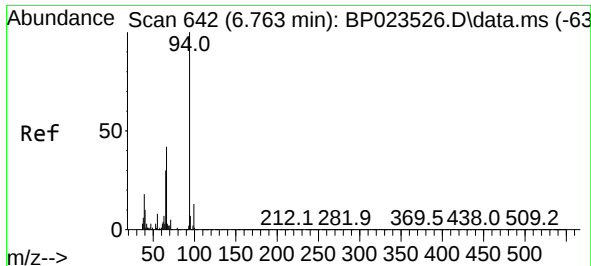
Instrument :
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ClientSampleId :
E28Z3

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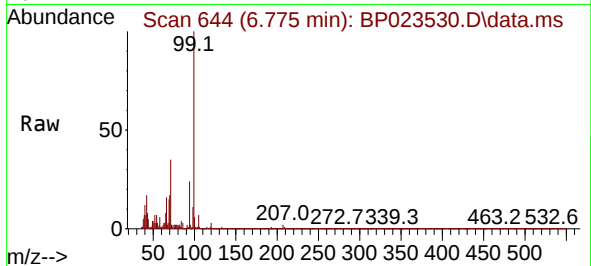
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.182 ng/ul
RT: 6.775 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP023530.D
Acq: 19 Dec 2024 16:40

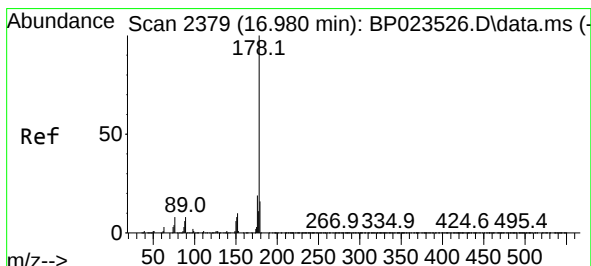
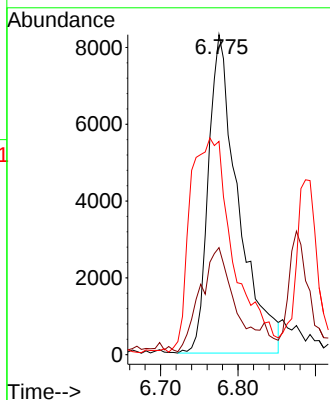
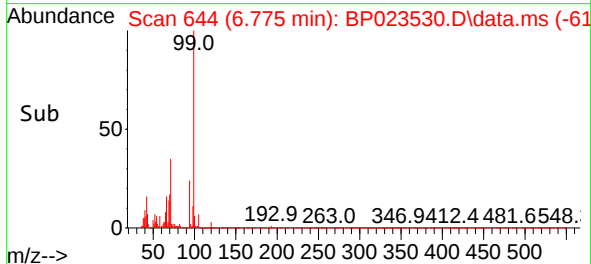
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 22230
Ion Ratio Lower Upper
94 100
65 33.5 28.0 42.0
66 66.7 42.0 63.0

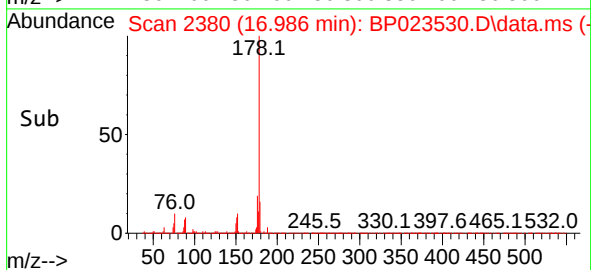
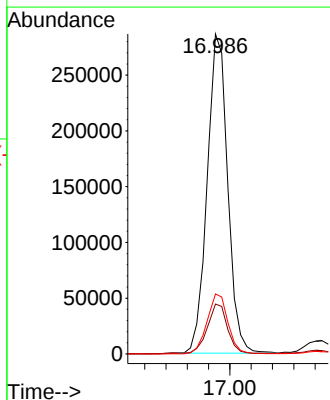
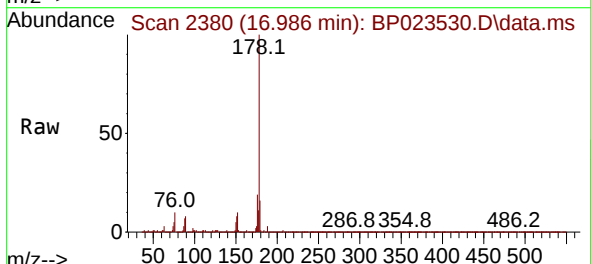
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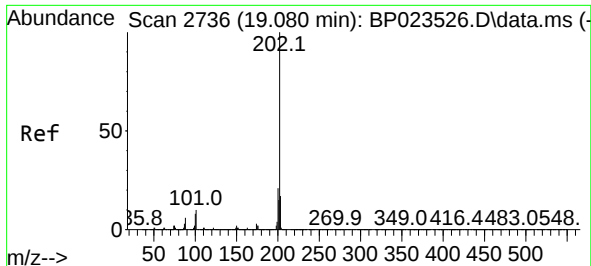
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#72
Phenanthrene
Concen: 4.837 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP023530.D
Acq: 19 Dec 2024 16:40

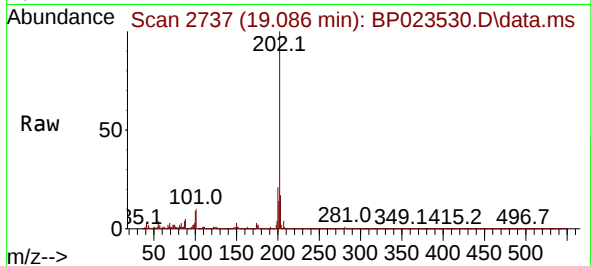
Tgt Ion:178 Resp: 381992
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.7 15.4 23.0





#80
Fluoranthene
Concen: 4.928 ng/u1
RT: 19.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023530.D
Acq: 19 Dec 2024 16:40

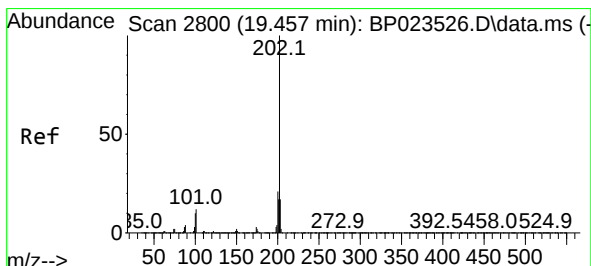
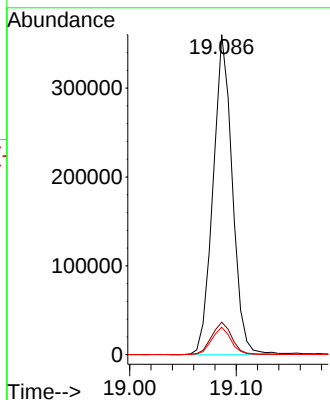
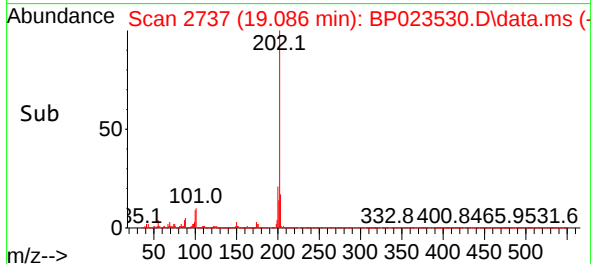
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 450718
Ion Ratio Lower Upper
202 100
101 10.2 5.6 8.4#
100 8.6 4.6 7.0#

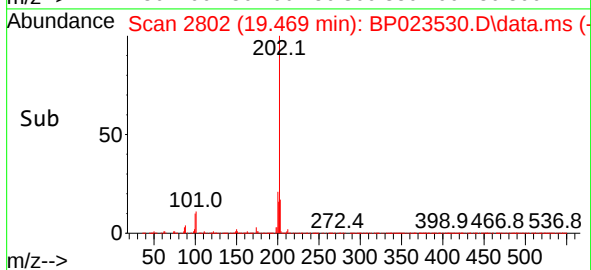
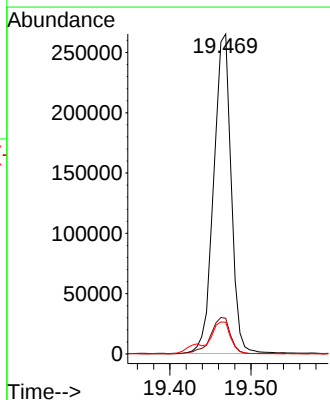
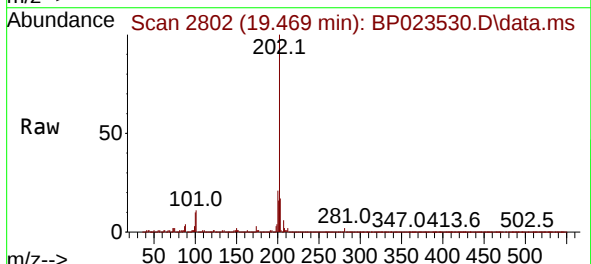
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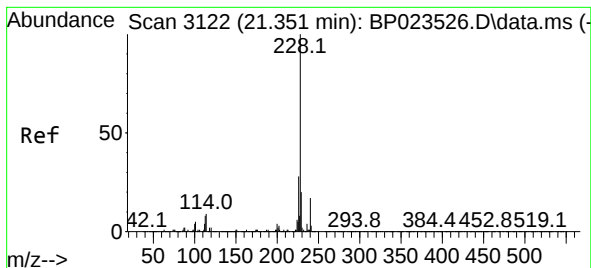
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#82
Pyrene
Concen: 4.088 ng/u1
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP023530.D
Acq: 19 Dec 2024 16:40

Tgt Ion:202 Resp: 396792
Ion Ratio Lower Upper
202 100
101 11.1 6.7 10.1#
100 9.9 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 1.005 ng/u1

RT: 21.351 min Scan# 3122

Delta R.T. -0.018 min

Lab File: BP023530.D

Acq: 19 Dec 2024 16:40

Instrument :

BNA_P

ClientSampleId :

E28Z3

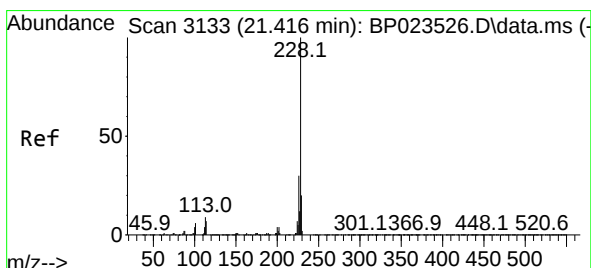
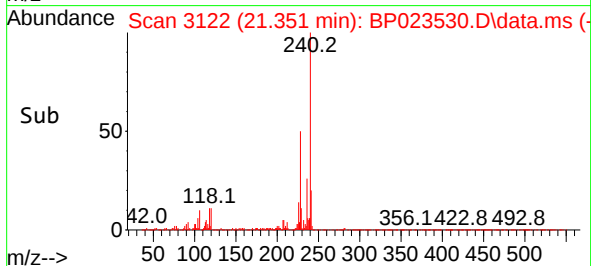
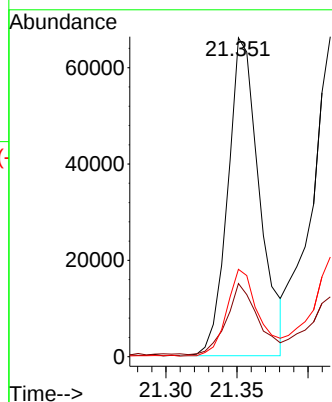
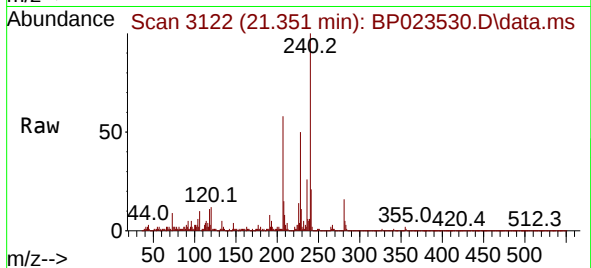
Tgt Ion:228 Resp: 102988
Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 27.4 21.6 32.4

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#87

Chrysene

Concen: 1.288 ng/u1

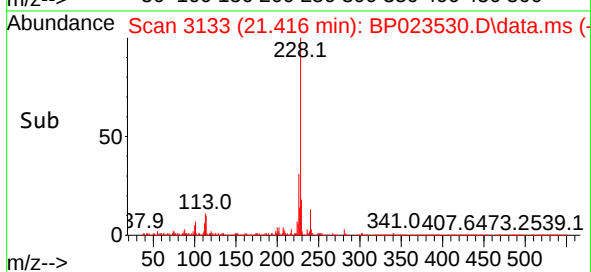
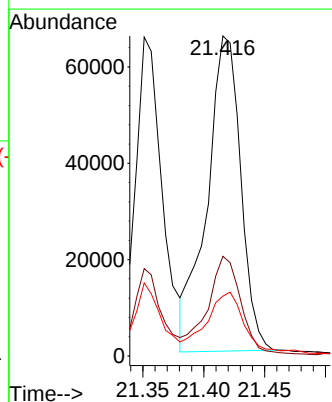
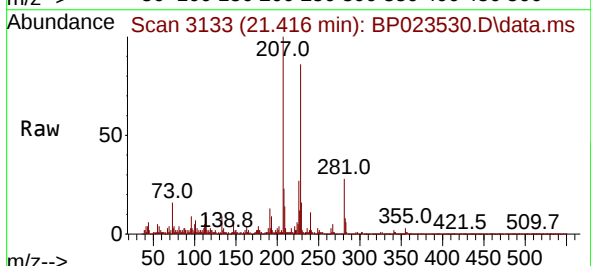
RT: 21.416 min Scan# 3133

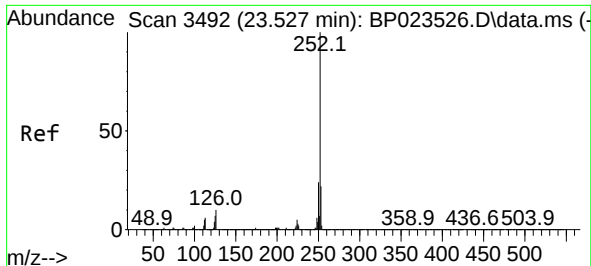
Delta R.T. -0.024 min

Lab File: BP023530.D

Acq: 19 Dec 2024 16:40

Tgt Ion:228 Resp: 126467
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 18.7 15.6 23.4





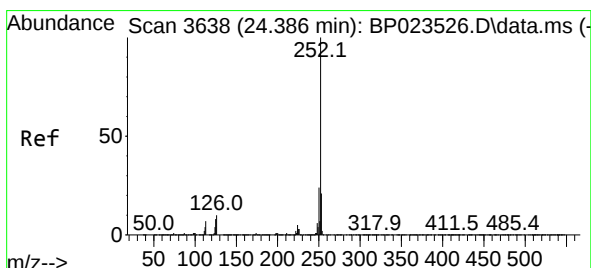
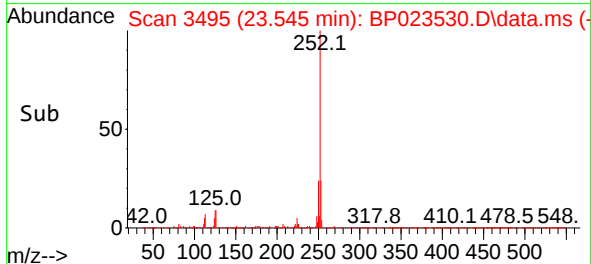
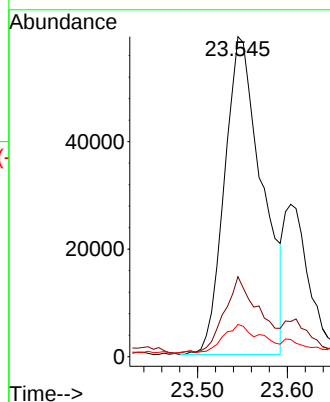
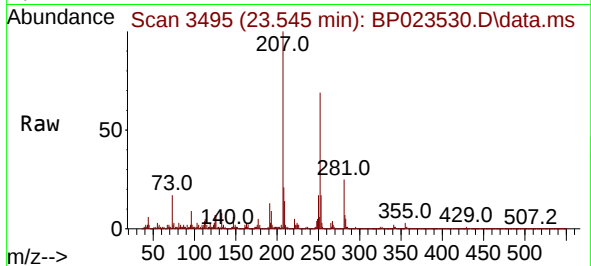
#90
Benzo(b)fluoranthene
Concen: 1.671 ng/ul
RT: 23.545 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BP023530.D
Acq: 19 Dec 2024 16:40

Instrument :
BNA_P
ClientSampleId :
E28Z3

Tgt Ion:252 Resp: 171320
Ion Ratio Lower Upper
252 100
253 25.0 17.3 25.9
125 10.0 4.4 6.6

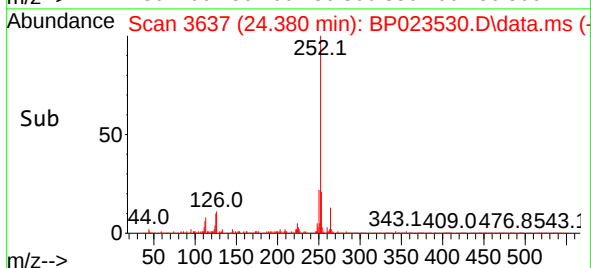
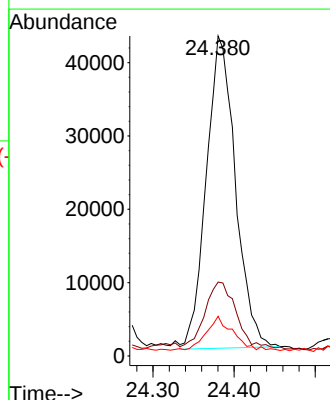
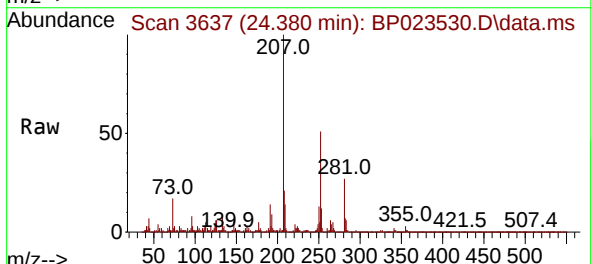
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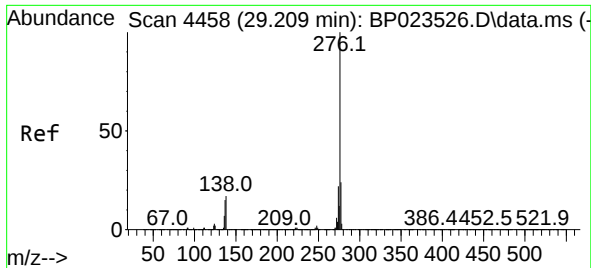
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#93
Benzo(a)pyrene
Concen: 1.141 ng/ul
RT: 24.380 min Scan# 3637
Delta R.T. -0.029 min
Lab File: BP023530.D
Acq: 19 Dec 2024 16:40

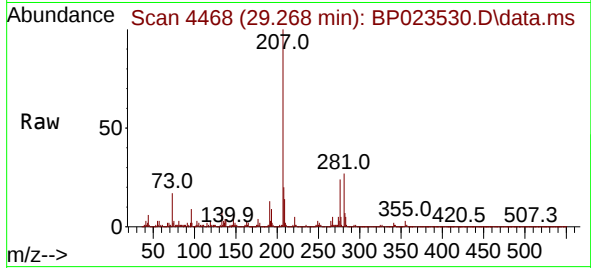
Tgt Ion:252 Resp: 106049
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 12.4 5.0 7.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.074 ng/ul m
 RT: 29.268 min Scan# 44
 Delta R.T. 0.018 min
 Lab File: BP023530.D
 Acq: 19 Dec 2024 16:40

Instrument :
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Tgt Ion:	276	Resp:	98229
Ion Ratio	Lower	Upper	
276	100		
138	16.7	8.5	12.7
277	20.7	18.9	28.3

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