

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022530.D
 Acq On : 22 Oct 2024 08:22
 Operator : RC/JU
 Sample : P4414-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F64

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 08:50:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	123113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	466592	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	353052	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	822286	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	863731	20.000	ng/u1	0.00
88) Perylene-d12	24.774	264	1014787	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	10541	3.327	ng/uL	0.00
4) Pyridine-d5	3.617	84	135812	15.616	ng/u1	0.00
7) Phenol-d5	6.858	99	198606	19.164	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	116719	19.163	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	154420	21.000	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	172893	20.905	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	76148	21.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	89080	21.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	189153	21.427	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	203110	19.471	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	629738	22.450	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	660547	22.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	78412m	16.663	ng/u1	0.00
60) Fluorene-d10	15.287	176	557753	22.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	62020	11.468	ng/u1	0.01
73) Anthracene-d10	17.175	188	921345	23.818	ng/u1	0.00
81) Pyrene-d10	19.551	212	1117877	24.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1275267	23.531	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.122	178	63452	1.442	ng/u1	99
80) Fluoranthene	19.204	202	218527	4.162	ng/u1	99
82) Pyrene	19.581	202	178424	3.170	ng/u1	99
85) Benzo(a)anthracene	21.486	228	86963	1.436	ng/u1	96
87) Chrysene	21.551	228	106343	1.894	ng/u1	98
90) Benzo(b)fluoranthene	23.733	252	157302	2.463	ng/u1	96
93) Benzo(a)pyrene	24.610	252	89138	1.516	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.474	276	80238m	1.023	ng/u1	
96) Benzo(g,h,i)perylene	29.604	276	74456	1.220	ng/u1	98

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

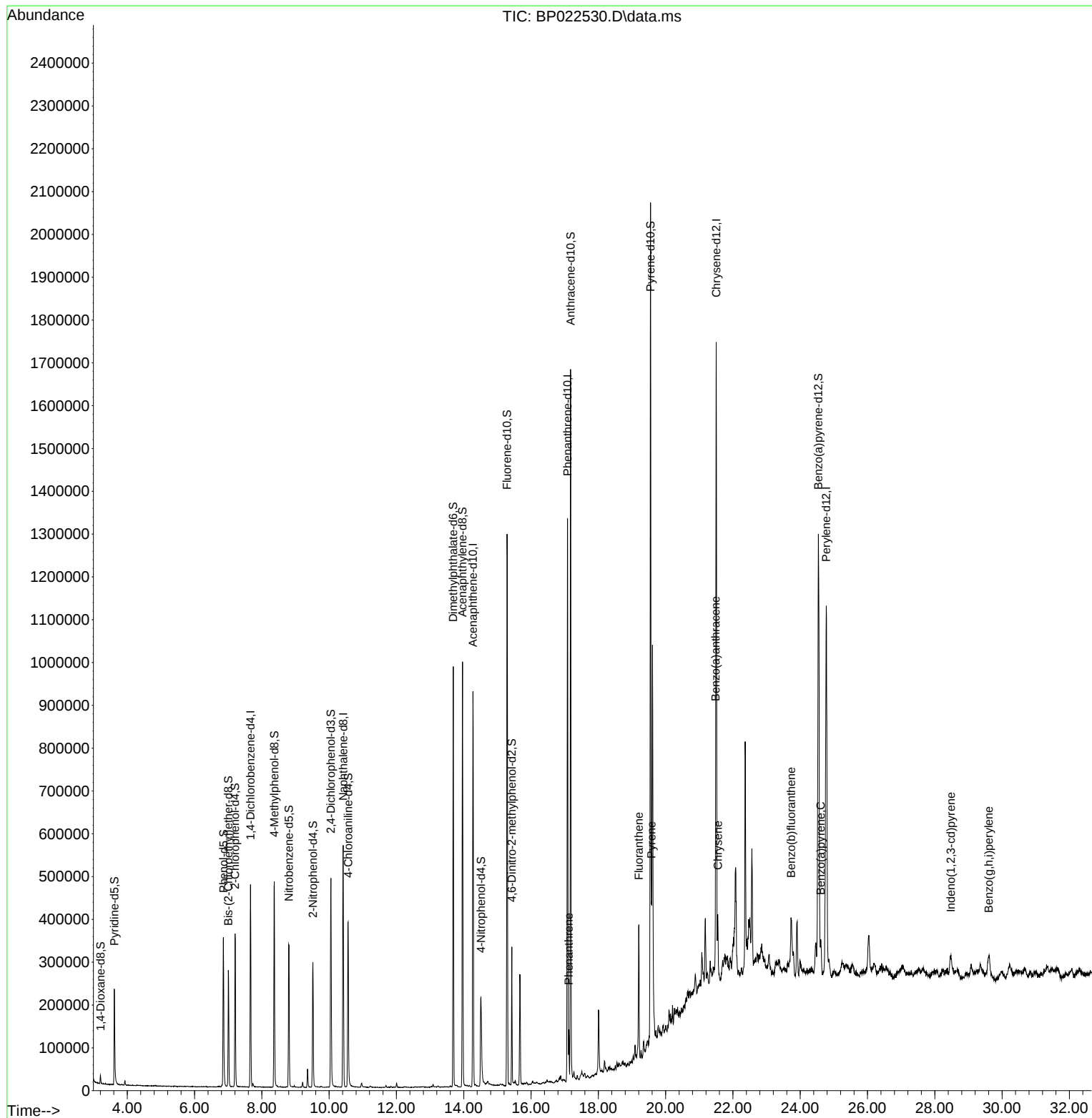
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
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ALS Vial : 31 Sample Multiplier: 1

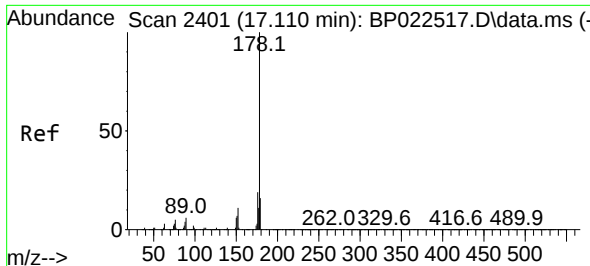
Instrument :
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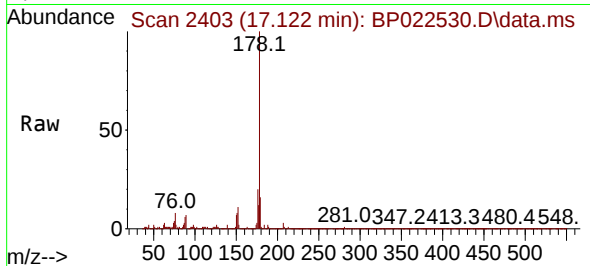
Quant Time: Oct 22 08:50:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.442 ng/ul
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022530.D
Acq: 22 Oct 2024 08:22

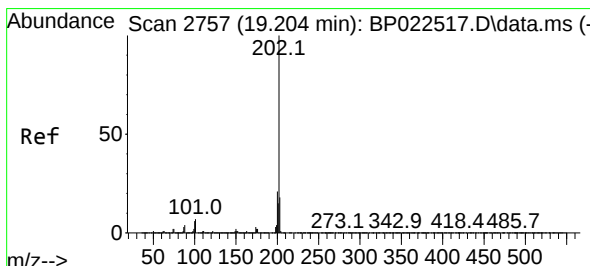
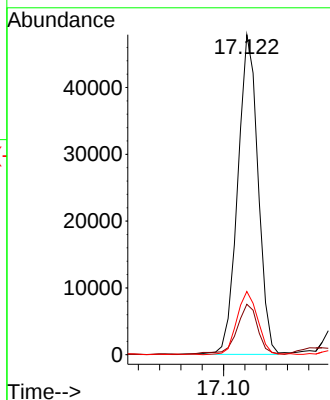
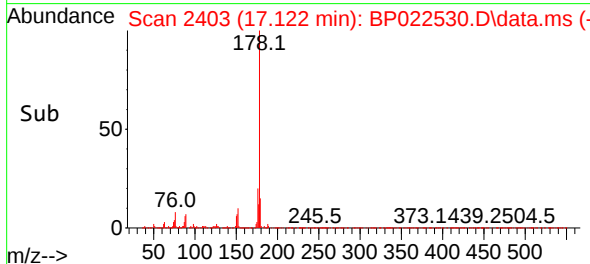
Instrument :
BNA_P
ClientSampleId :
A4F64



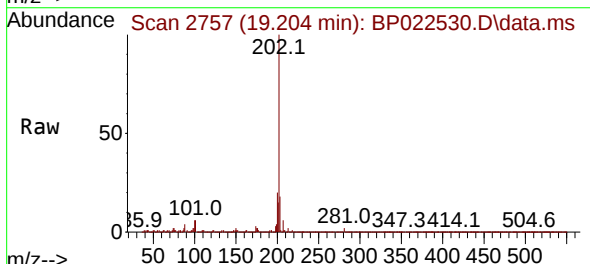
Tgt Ion:178 Resp: 63452
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.8 15.7 23.5

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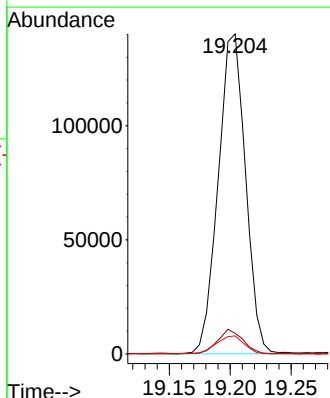
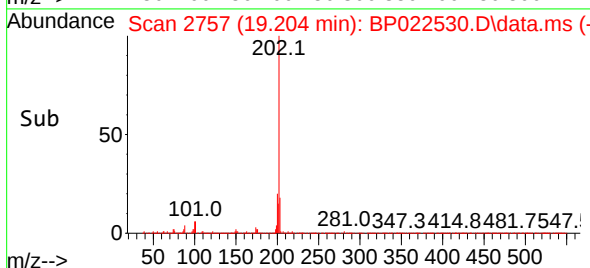
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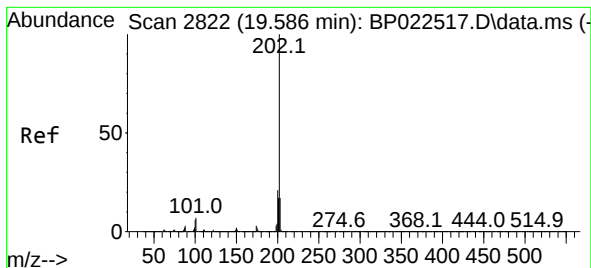


#80
Fluoranthene
Concen: 4.162 ng/ul
RT: 19.204 min Scan# 2757
Delta R.T. -0.005 min
Lab File: BP022530.D
Acq: 22 Oct 2024 08:22



Tgt Ion:202 Resp: 218527
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.8
100 5.7 4.5 6.7





#82

Pyrene

Concen: 3.170 ng/ul

RT: 19.581 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP022530.D

Acq: 22 Oct 2024 08:22

Instrument :

BNA_P

ClientSampleId :

A4F64

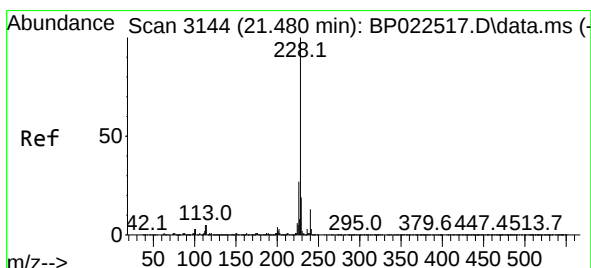
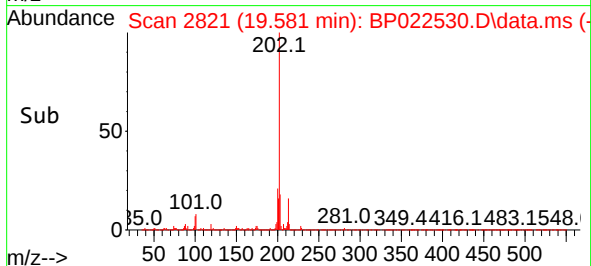
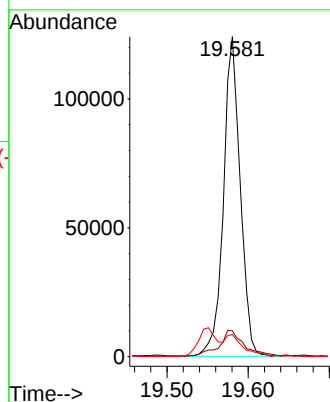
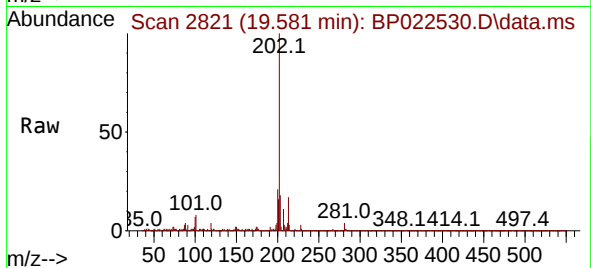
Tgt Ion:	202	Resp:	178424
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.7	10.1
100	7.0	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 1.436 ng/ul

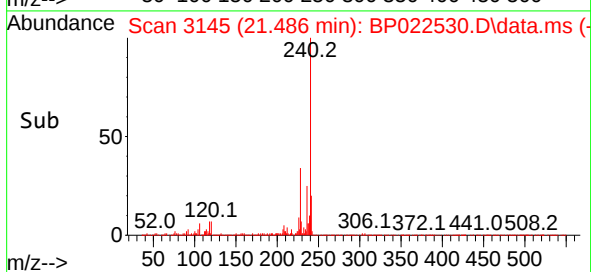
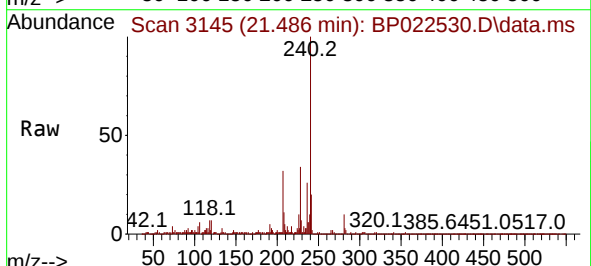
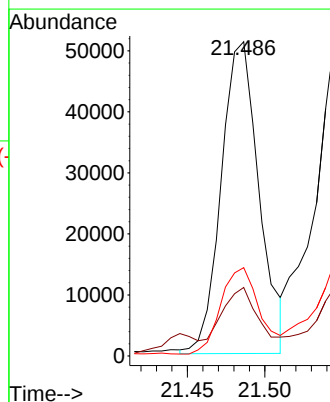
RT: 21.486 min Scan# 3145

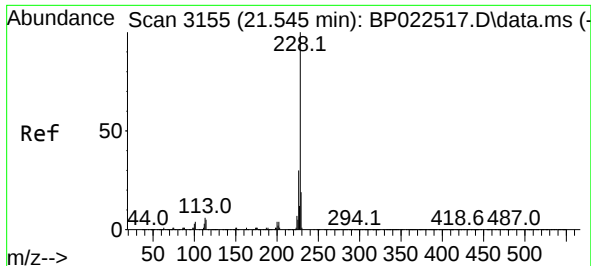
Delta R.T. 0.006 min

Lab File: BP022530.D

Acq: 22 Oct 2024 08:22

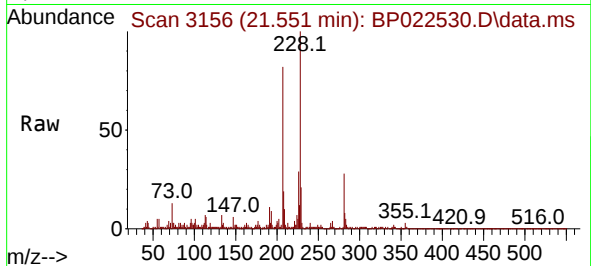
Tgt Ion:	228	Resp:	86963
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.4	23.0
226	28.1	21.5	32.3





#87
Chrysene
Concen: 1.894 ng/ul
RT: 21.551 min Scan# 3155
Delta R.T. 0.006 min
Lab File: BP022530.D
Acq: 22 Oct 2024 08:22

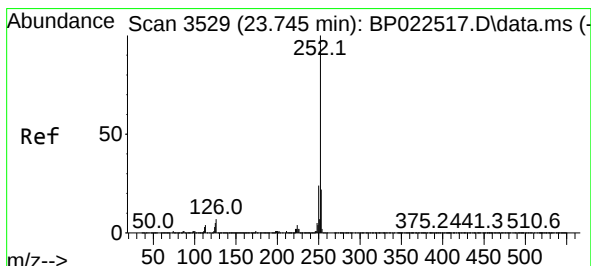
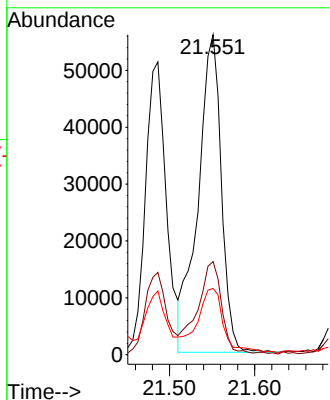
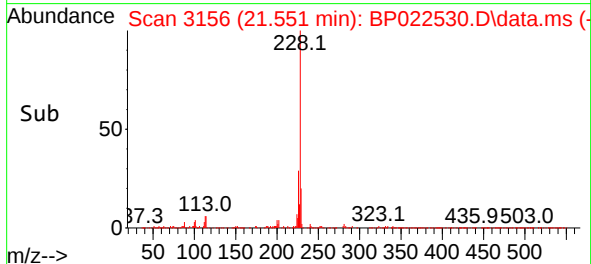
Instrument :
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Tgt Ion:228 Resp: 10634
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.8
229 20.7 15.5 23.3

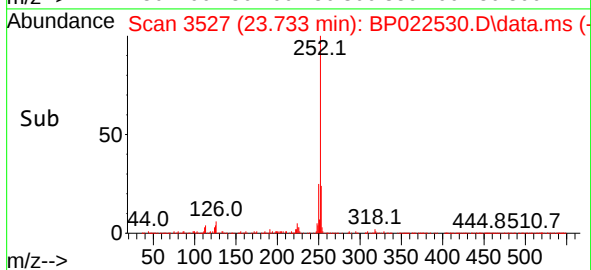
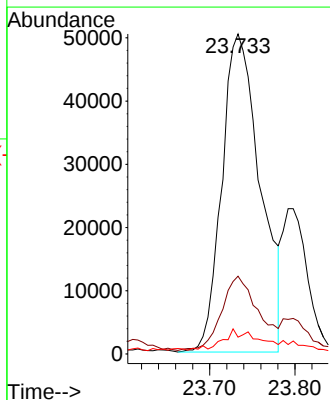
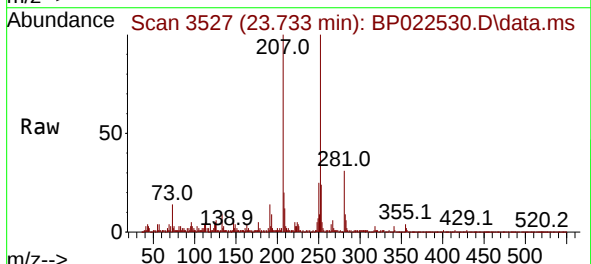
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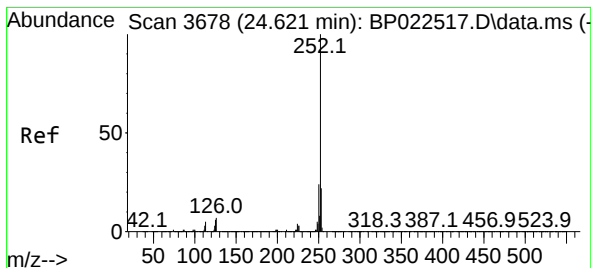
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(b)fluoranthene
Concen: 2.463 ng/ul
RT: 23.733 min Scan# 3527
Delta R.T. 0.012 min
Lab File: BP022530.D
Acq: 22 Oct 2024 08:22

Tgt Ion:252 Resp: 157302
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 5.3 5.0 7.4





#93

Benzo(a)pyrene

Concen: 1.516 ng/ul

RT: 24.610 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP022530.D

Acq: 22 Oct 2024 08:22

Instrument :

BNA_P

ClientSampleId :

A4F64

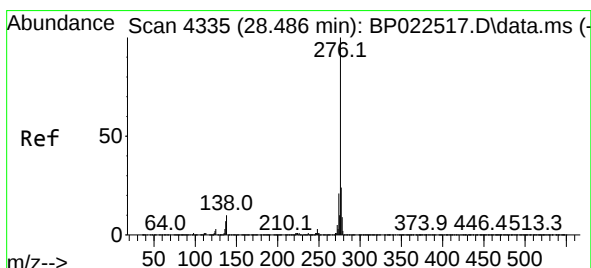
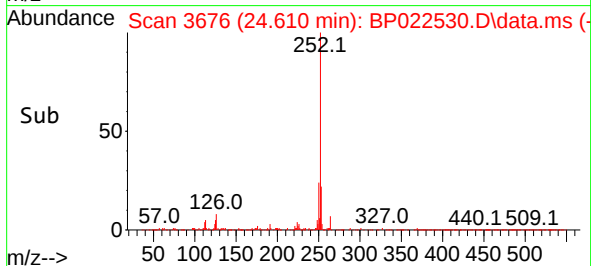
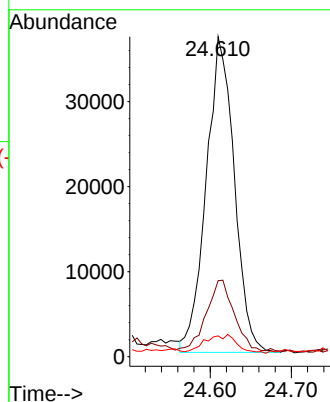
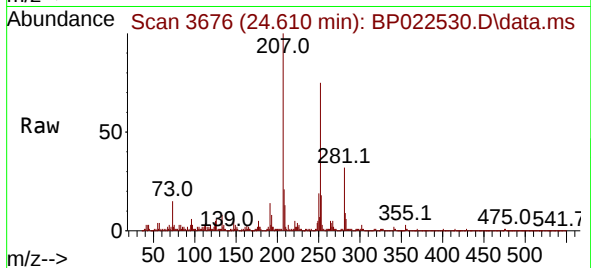
Tgt Ion:	252	Resp:	89138
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	6.5	4.9	7.3

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.023 ng/ul m

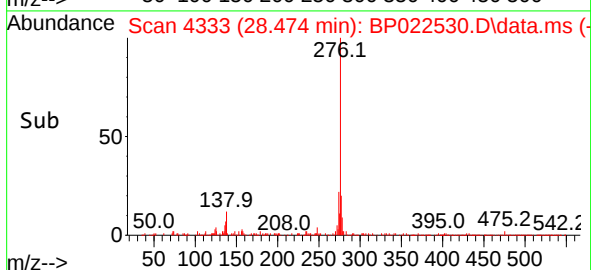
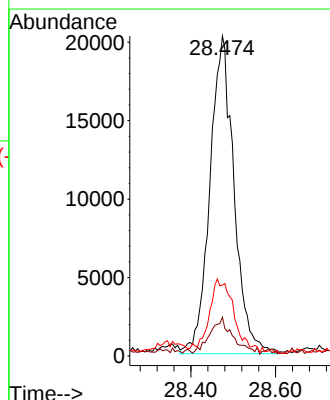
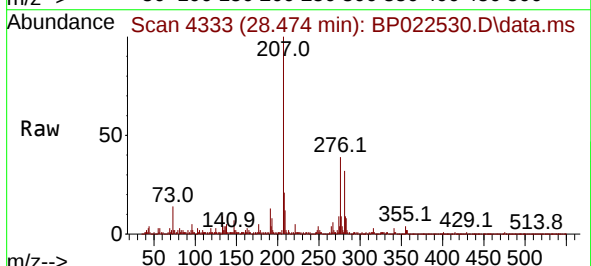
RT: 28.474 min Scan# 4333

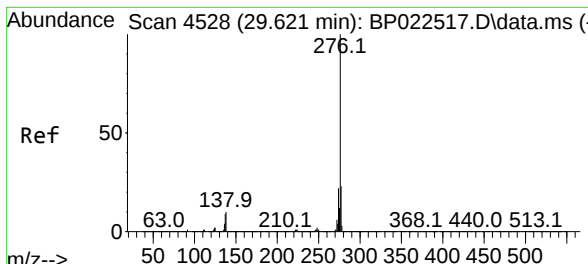
Delta R.T. 0.042 min

Lab File: BP022530.D

Acq: 22 Oct 2024 08:22

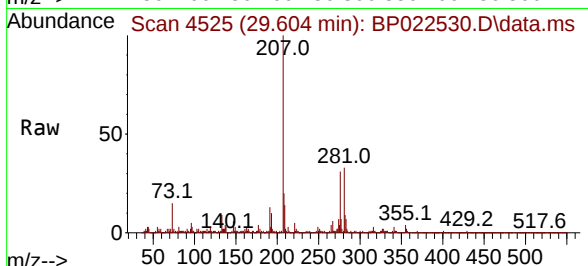
Tgt Ion:	276	Resp:	80238
Ion Ratio	Lower	Upper	
276	100		
138	12.1	9.1	13.7
277	22.2	18.6	27.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.220 ng/ul
 RT: 29.604 min Scan# 4525
 Delta R.T. 0.030 min
 Lab File: BP022530.D
 Acq: 22 Oct 2024 08:22

Instrument : BNA_P
 ClientSampleId : A4F64



Tgt Ion: 276 Resp: 7445

Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.5	12.7
277	22.4	19.0	28.4

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