

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022511.D
 Acq On : 21 Oct 2024 18:49
 Operator : RC/JU
 Sample : P4429-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F90

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

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 ahmed
 10/25/2024

Quant Time: Oct 22 01:27:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	95407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	370390	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	297892	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	729423	20.000	ng/u1	-0.01
79) Chrysene-d12	21.498	240	731145	20.000	ng/u1	0.00
88) Perylene-d12	24.763	264	891522	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7267m	2.960	ng/uL	0.00
4) Pyridine-d5	3.611	84	100217	14.869	ng/u1	0.00
7) Phenol-d5	6.852	99	139977	17.429	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	83838	17.761	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	107208	18.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	117781	18.377	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	52766	18.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	63174	19.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	127178	18.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	140401	16.956	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	432685	18.281	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	472137	18.782	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	50914	12.823	ng/u1	0.02
60) Fluorene-d10	15.287	176	403425	19.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	45825	9.552	ng/u1	0.00
73) Anthracene-d10	17.175	188	688112	20.053	ng/u1	0.00
81) Pyrene-d10	19.545	212	833716	21.563	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.533	264	944687	19.841	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	64597	1.655	ng/u1	97
80) Fluoranthene	19.198	202	134291	3.021	ng/u1	98
82) Pyrene	19.575	202	125299	2.630	ng/u1	99
85) Benzo(a)anthracene	21.475	228	65512	1.278	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	37841	1.589	ng/u1#	94
87) Chrysene	21.545	228	65874m	1.386	ng/u1	
90) Benzo(b)fluoranthene	23.739	252	82795	1.475	ng/u1#	96
93) Benzo(a)pyrene	24.610	252	58345	1.130	ng/u1#	93

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

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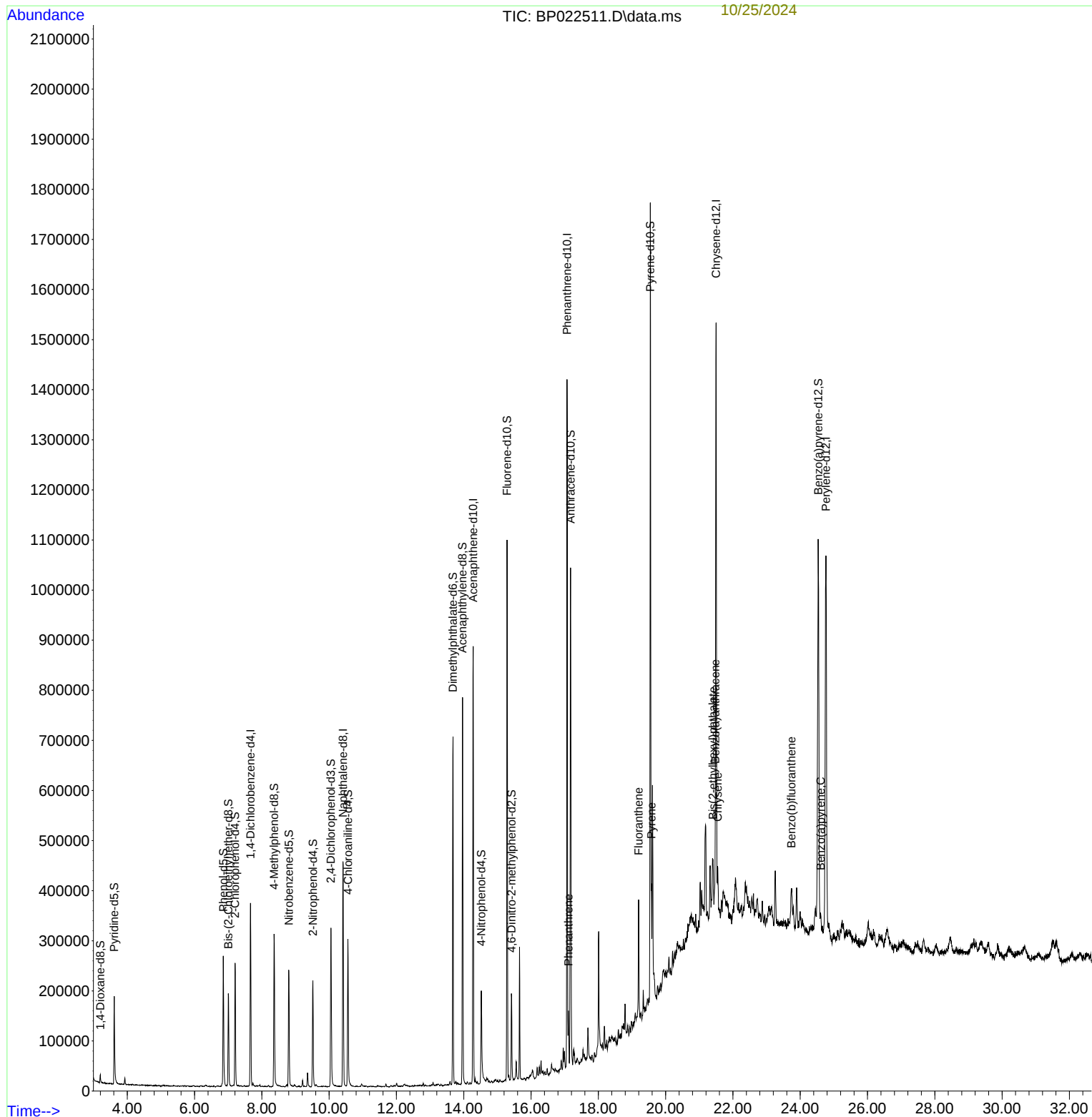
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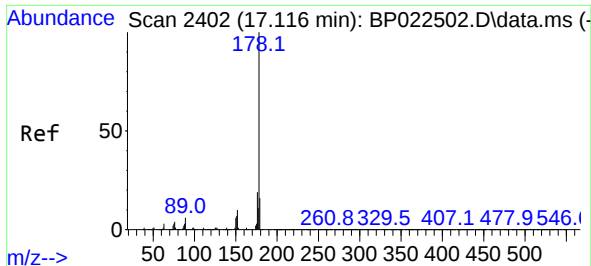
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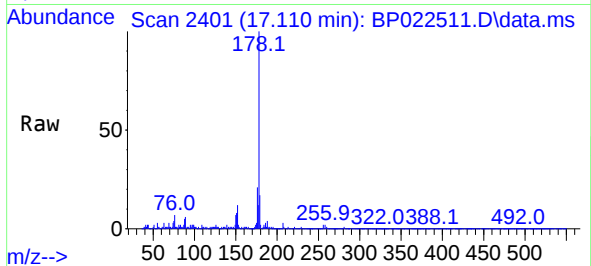
Supervised By :mohammad
ahmed
10/25/2024





#72
Phenanthrene
Concen: 1.655 ng/ul
RT: 17.110 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BP022511.D
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BNA_P
ClientSampleId :
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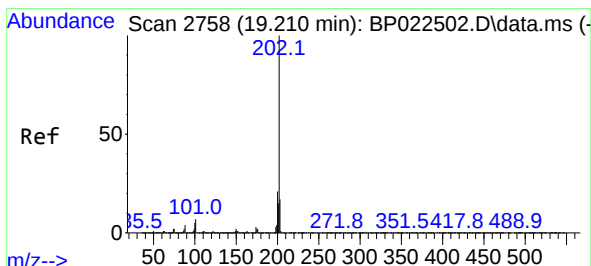
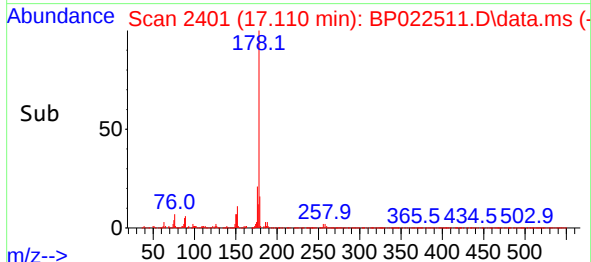
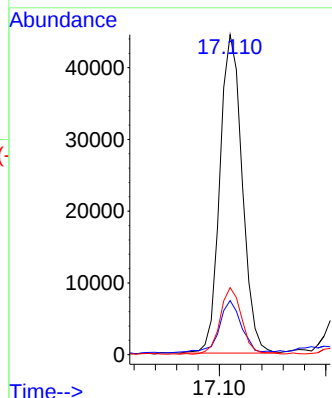


Tgt Ion:178 Resp: 64597
Ion Ratio Lower Upper
178 100
179 16.9 12.2 18.4
176 21.0 15.7 23.5

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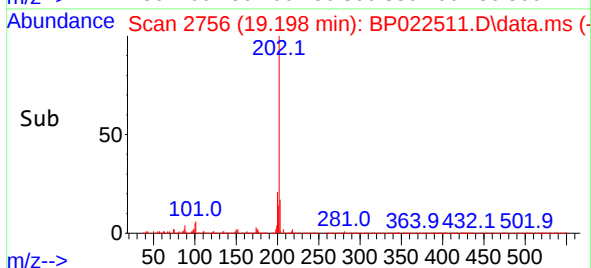
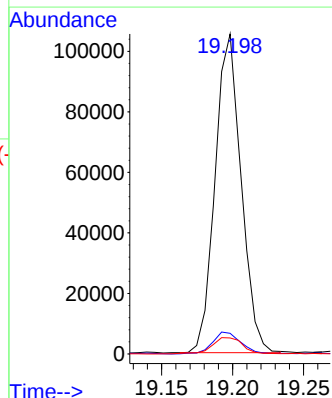
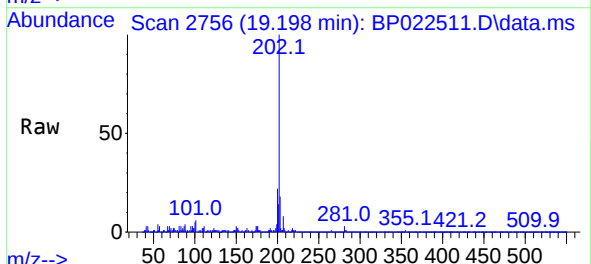
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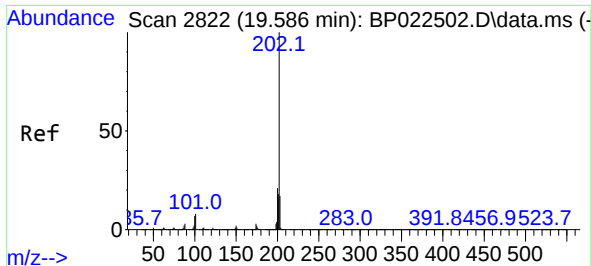
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#80
Fluoranthene
Concen: 3.021 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. -0.011 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49

Tgt Ion:202 Resp: 134291
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.8
100 5.0 4.5 6.7





#82
Pyrene
Concen: 2.630 ng/ul
RT: 19.575 min Scan# 2822
Delta R.T. -0.011 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49

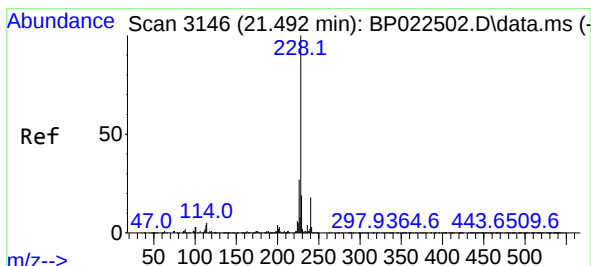
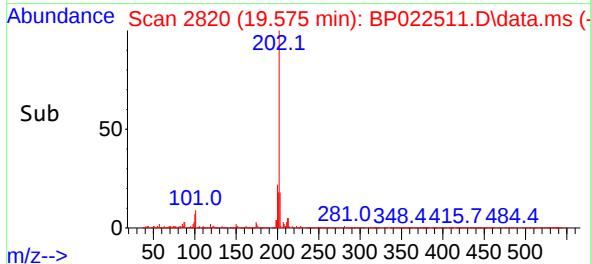
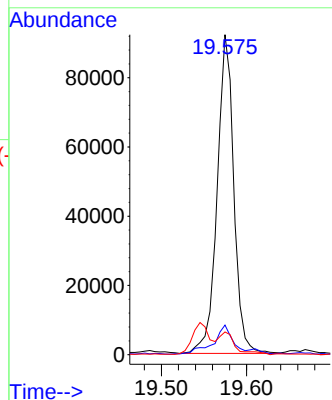
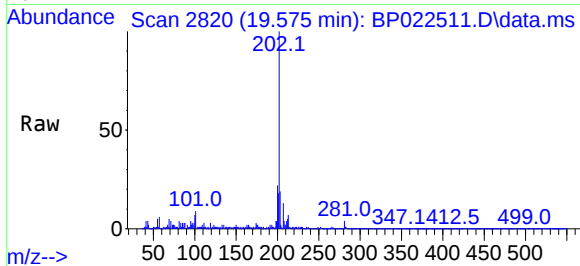
Instrument :
BNA_P
ClientSampleId :
A4F90

Tgt Ion:202 Resp: 125299
Ion Ratio Lower Upper
202 100
101 9.2 6.7 10.1
100 7.1 5.8 8.6

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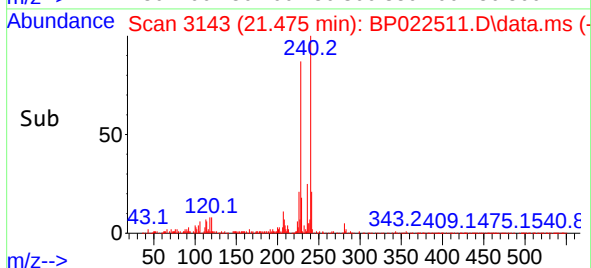
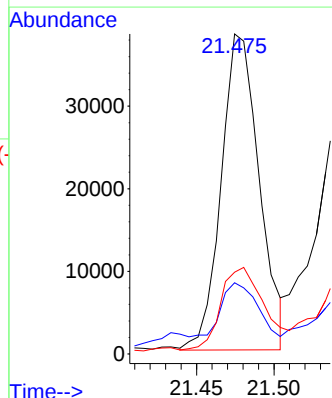
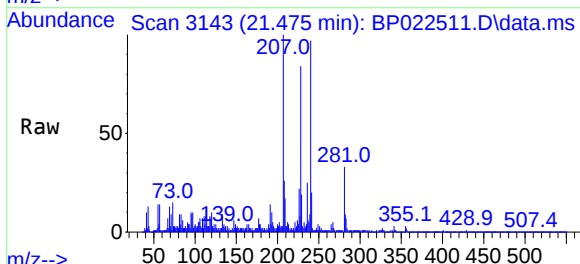
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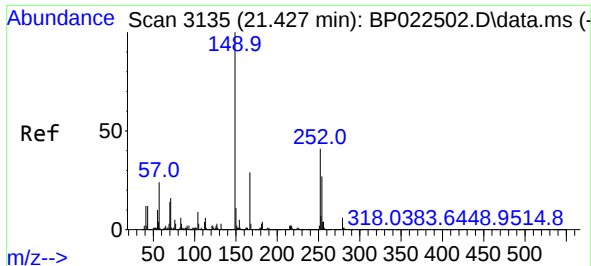
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#85
Benzo(a)anthracene
Concen: 1.278 ng/ul
RT: 21.475 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49

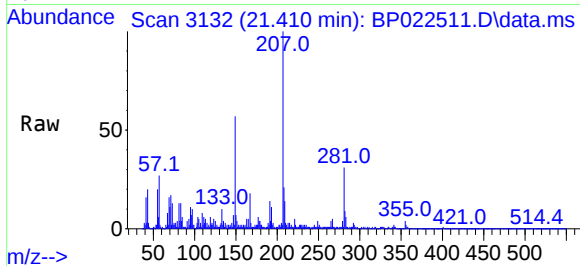
Tgt Ion:228 Resp: 65512
Ion Ratio Lower Upper
228 100
229 22.3 15.4 23.0
226 25.6 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.589 ng/ul
RT: 21.410 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49

Instrument :
BNA_P
ClientSampleId :
A4F90

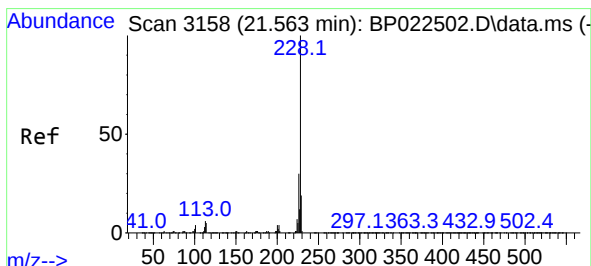
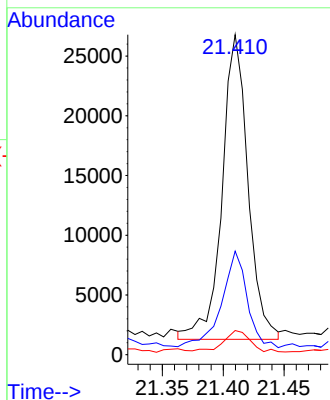
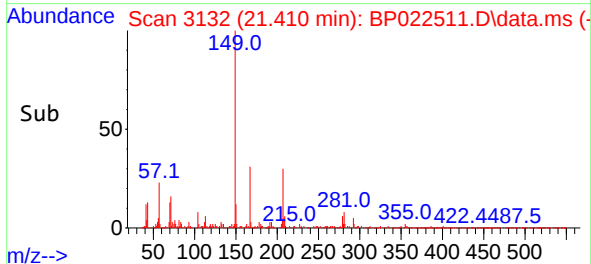


Tgt Ion:149 Resp: 3784
Ion Ratio Lower Upper
149 100
167 32.3 23.0 34.4
279 7.6 4.8 7.2

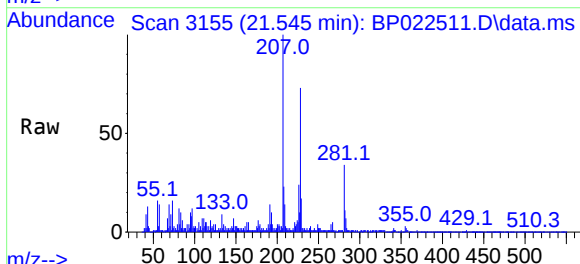
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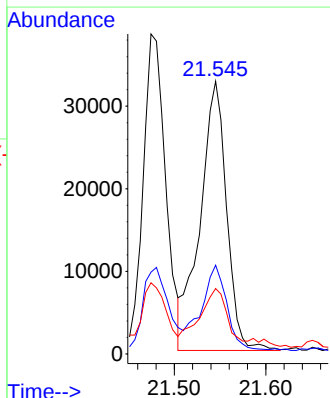
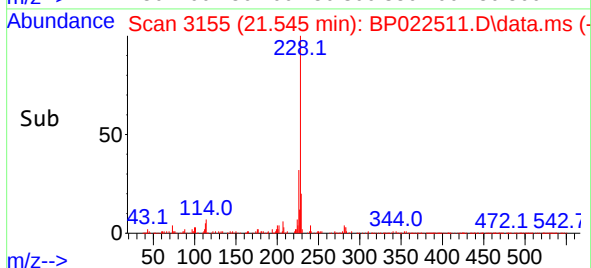
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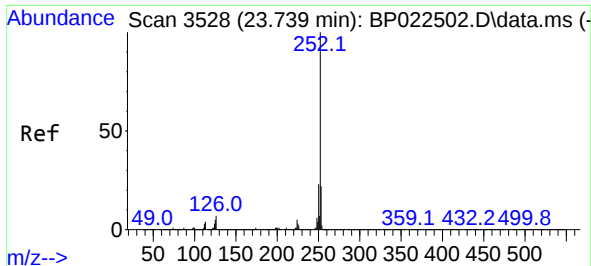


#87
Chrysene
Concen: 1.386 ng/ul m
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49



Tgt Ion:228 Resp: 65874
Ion Ratio Lower Upper
228 100
226 32.6 23.8 35.8
229 24.0 15.5 23.3





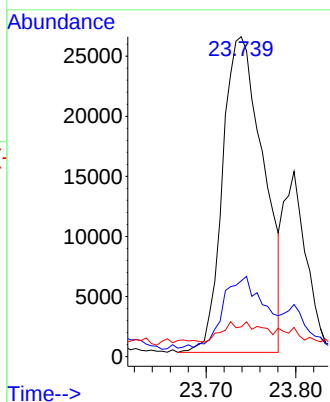
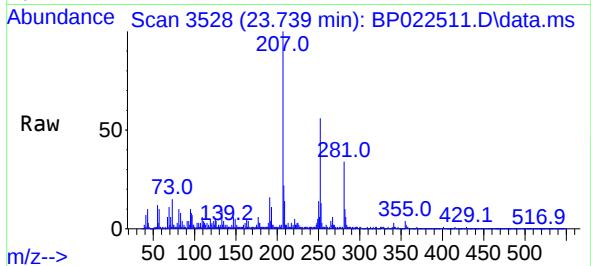
#90
Benzo(b)fluoranthene
Concen: 1.475 ng/u1
RT: 23.739 min Scan# 3528
Delta R.T. 0.018 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 82795
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 9.3 5.0 7.4

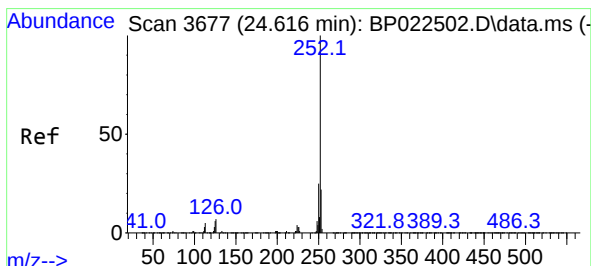
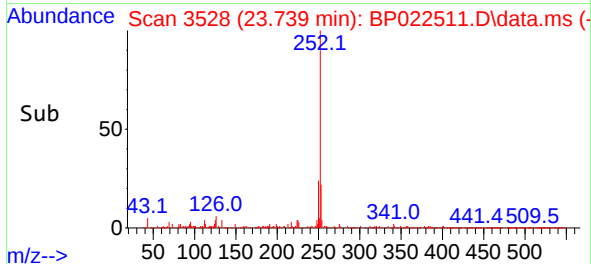
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ahmed

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#93
Benzo(a)pyrene
Concen: 1.130 ng/u1
RT: 24.610 min Scan# 3676
Delta R.T. 0.006 min
Lab File: BP022511.D
Acq: 21 Oct 2024 18:49

Tgt Ion:252 Resp: 58345
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 9.4 4.9 7.3

