

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022378.D
 Acq On : 15 Oct 2024 06:59
 Operator : RC/JU
 Sample : P4237-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F22

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 07:28:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	88592	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	336722	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	265566	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	646823	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	744514	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	907686	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	4214	1.848	ng/uL	0.00
4) Pyridine-d5	3.646	84	9106	1.455	ng/u1	0.01
7) Phenol-d5	6.887	99	80183	10.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	45483	10.377	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	60965	11.521	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	55809	9.377	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	29015	11.207	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	35083	11.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	73806	11.585	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	66162	8.789	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	245073	11.615	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	266024	11.871	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	33398	9.435	ng/u1	0.00
60) Fluorene-d10	15.322	176	234069	12.790	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	33914m	7.972	ng/u1	0.00
73) Anthracene-d10	17.204	188	377180	12.396	ng/u1	0.00
81) Pyrene-d10	19.598	212	463117	11.763	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	437814	9.032	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.510	105	13232	1.347	ng/u1	95
72) Phenanthrene	17.157	178	44533	1.287	ng/u1	99
80) Fluoranthene	19.251	202	111363	2.460	ng/u1	99
82) Pyrene	19.633	202	91416	1.884	ng/u1	97
85) Benzo(a)anthracene	21.527	228	58980	1.130	ng/u1	92
86) Bis(2-ethylhexyl)phtha...	21.468	149	41451	1.710	ng/u1	97
87) Chrysene	21.592	228	70295m	1.453	ng/u1	
90) Benzo(b)fluoranthene	23.809	252	92896	1.626	ng/u1	97

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

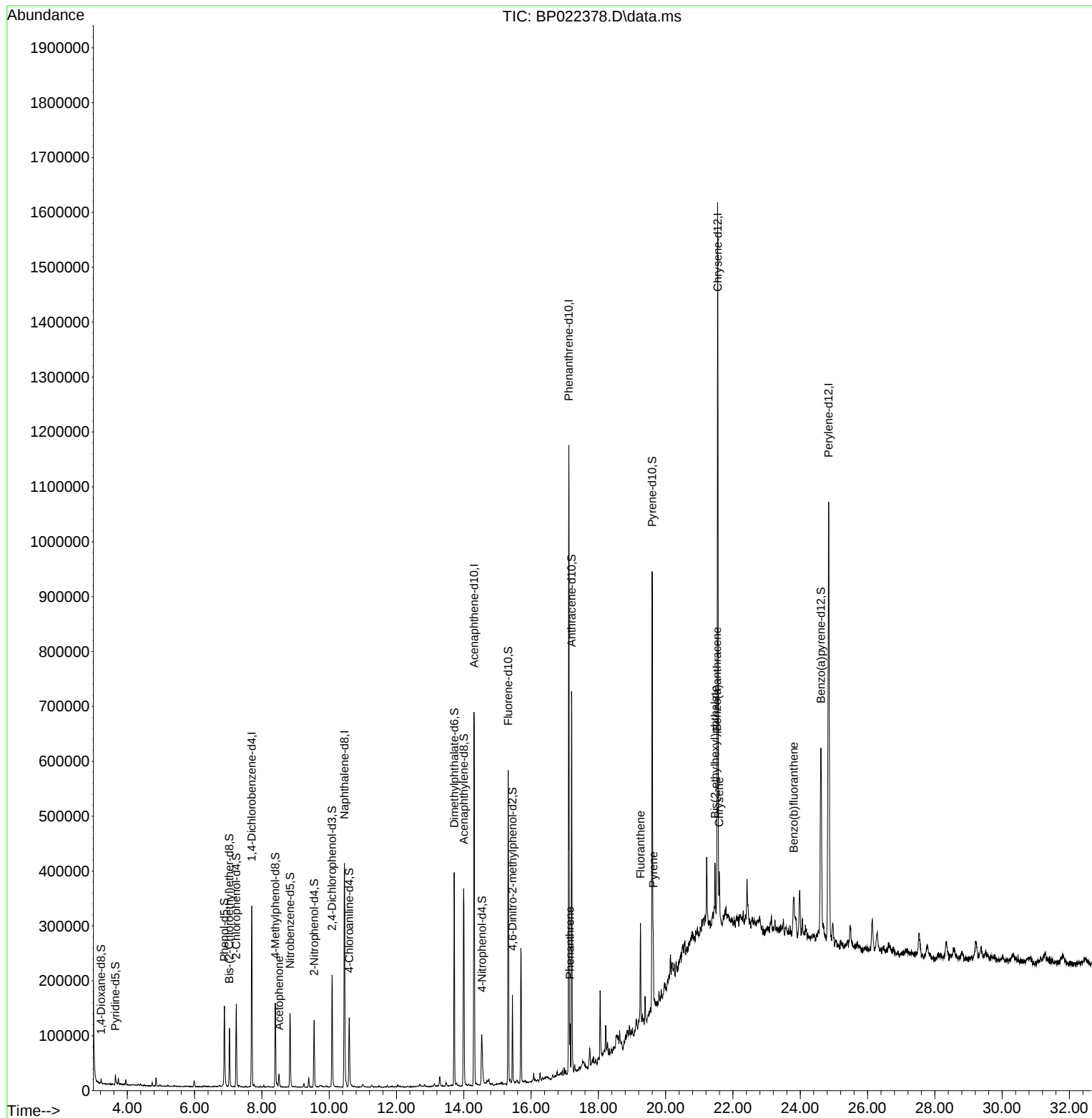
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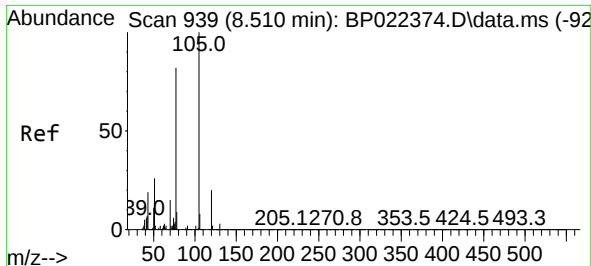
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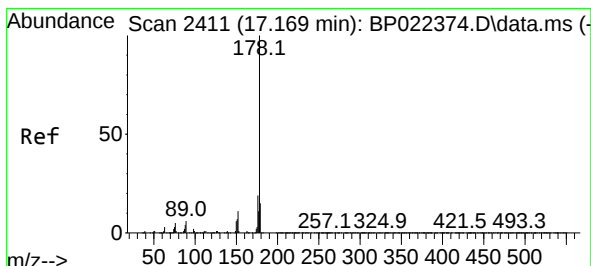
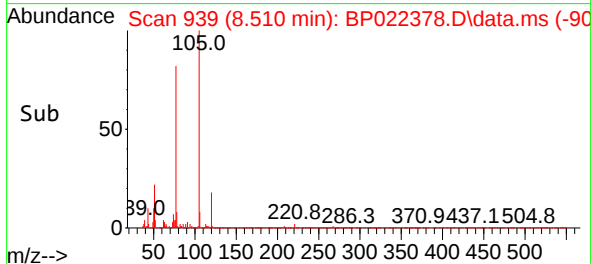
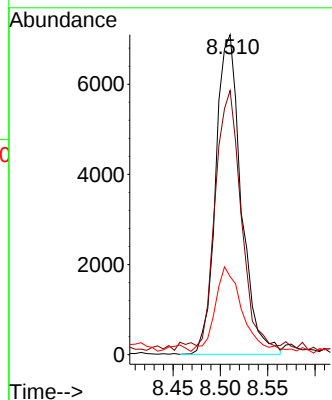
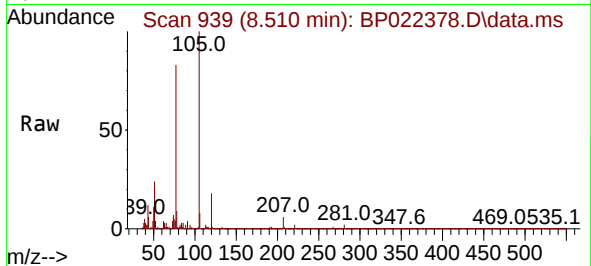
#16
Acetophenone
Concen: 1.347 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP022378.D
Acq: 15 Oct 2024 06:59

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Tgt Ion:105 Resp: 1323
Ion Ratio Lower Upper
105 100
77 82.5 69.0 103.4
51 24.4 22.6 33.8

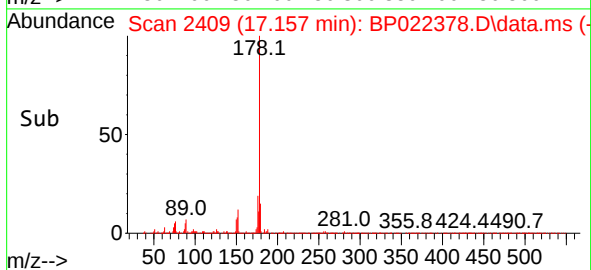
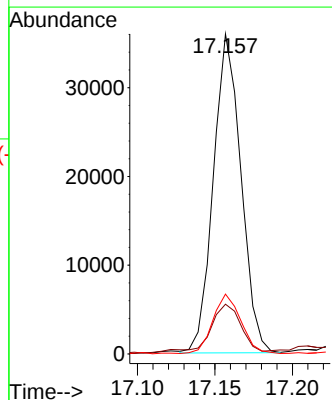
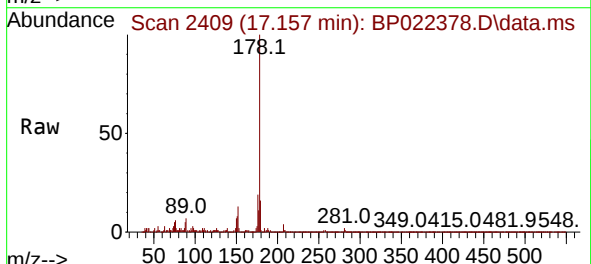
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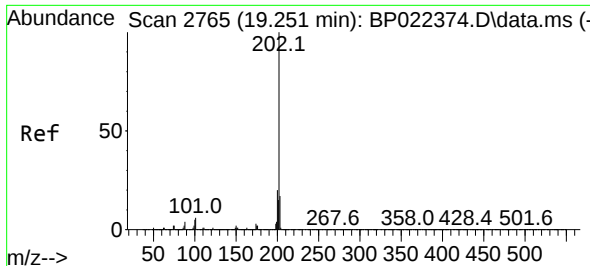
Reviewed By :Yogesh Patel 10/16/2024
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#72
Phenanthrene
Concen: 1.287 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP022378.D
Acq: 15 Oct 2024 06:59

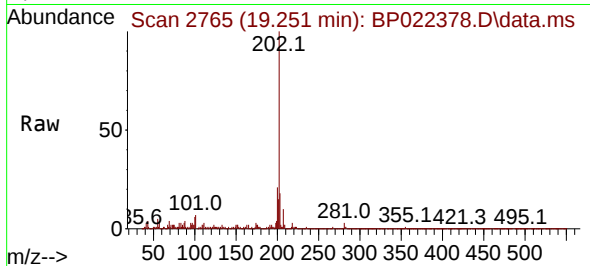
Tgt Ion:178 Resp: 44533
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.7 15.7 23.5





#80
Fluoranthene
Concen: 2.460 ng/u1
RT: 19.251 min Scan# 21136
Delta R.T. -0.000 min
Lab File: BP022378.D
Acq: 15 Oct 2024 06:59

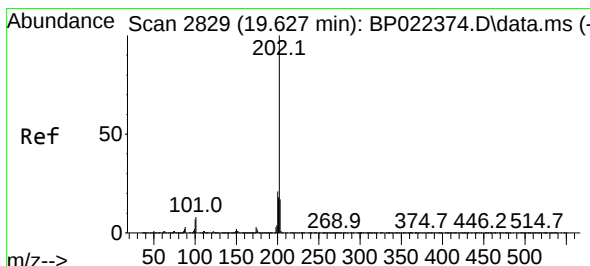
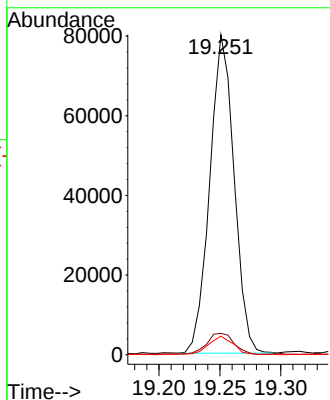
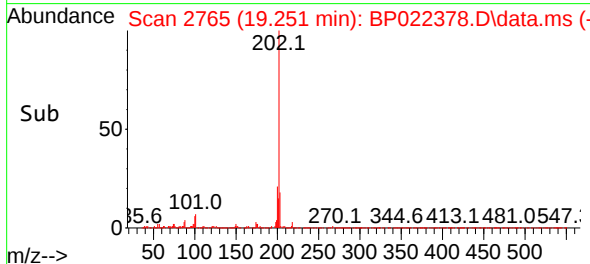
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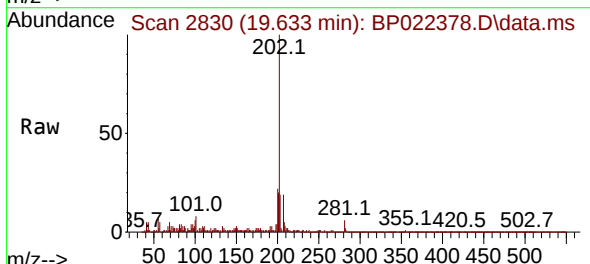
Tgt Ion:202 Resp: 11136
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.8
100 5.8 4.5 6.7

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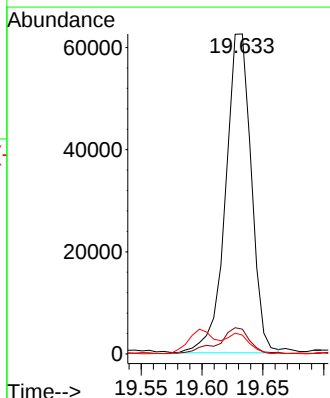
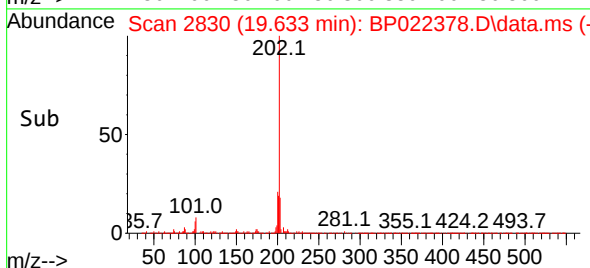
Reviewed By :Yogesh Patel 10/16/2024
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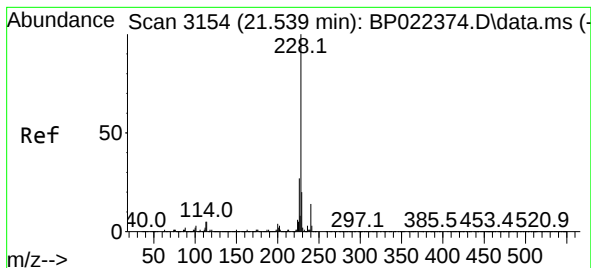


#82
Pyrene
Concen: 1.884 ng/u1
RT: 19.633 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BP022378.D
Acq: 15 Oct 2024 06:59



Tgt Ion:202 Resp: 91416
Ion Ratio Lower Upper
202 100
101 7.8 6.7 10.1
100 5.9 5.8 8.6





#85

Benzo(a)anthracene

Concen: 1.130 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BP022378.D

Acq: 15 Oct 2024 06:59

Instrument :

BNA_P

ClientSampleId :

A4F22

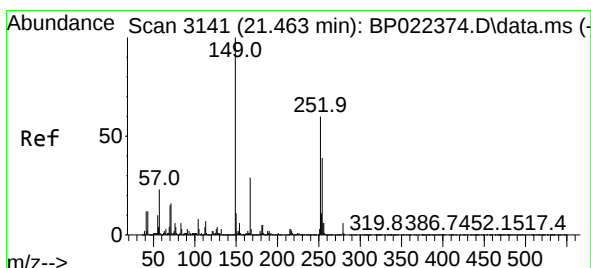
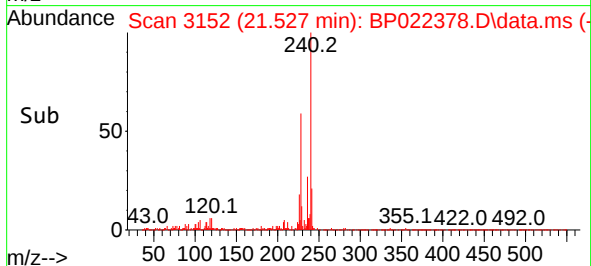
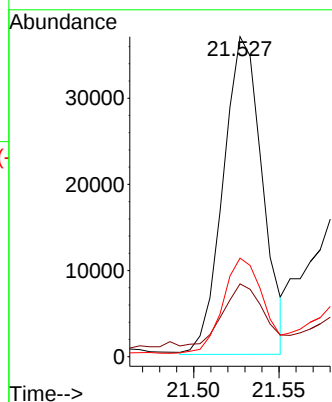
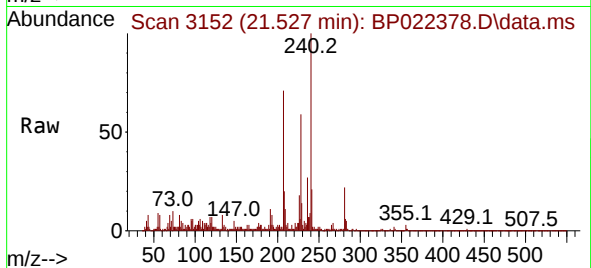
Tgt Ion:	228	Resp:	58980
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.4	23.0
226	30.8	21.5	32.3

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.710 ng/ul

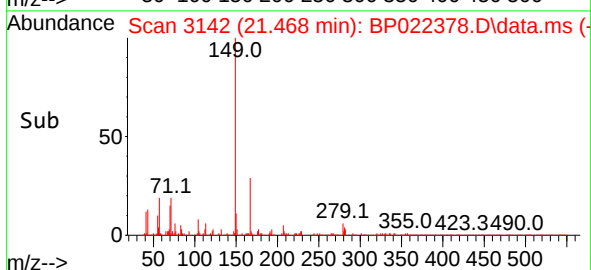
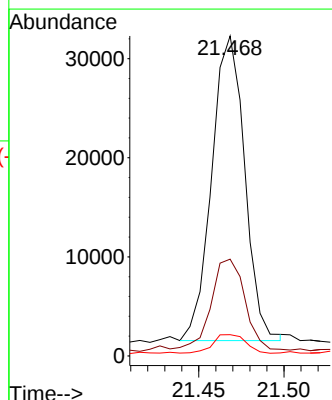
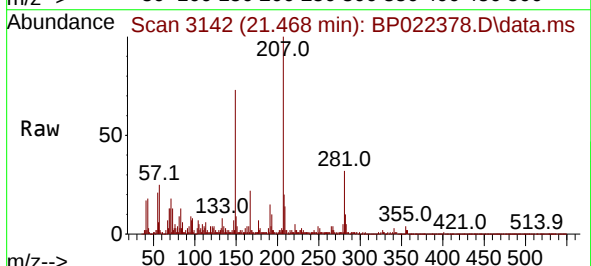
RT: 21.468 min Scan# 3142

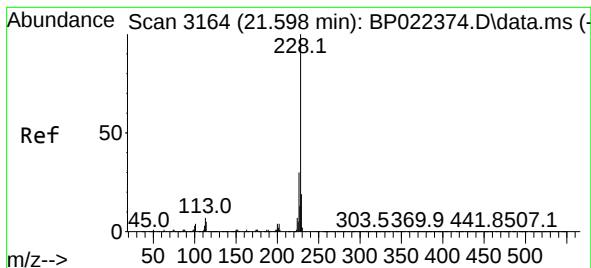
Delta R.T. 0.006 min

Lab File: BP022378.D

Acq: 15 Oct 2024 06:59

Tgt Ion:	149	Resp:	41451
Ion Ratio	Lower	Upper	
149	100		
167	30.3	23.0	34.4
279	6.7	4.8	7.2





#87

Chrysene

Concen: 1.453 ng/ul m

RT: 21.592 min Scan# 3164

Delta R.T. -0.012 min

Lab File: BP022378.D

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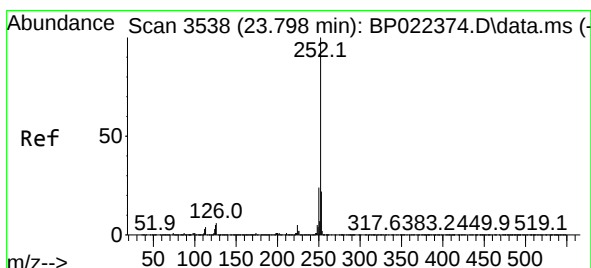
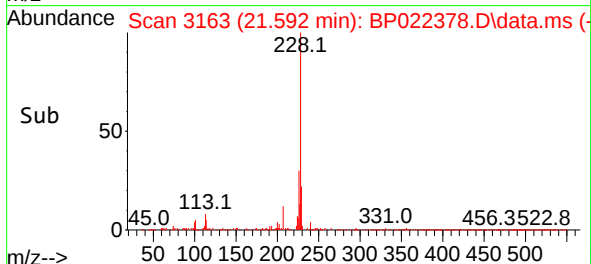
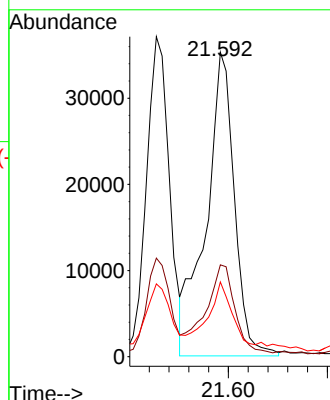
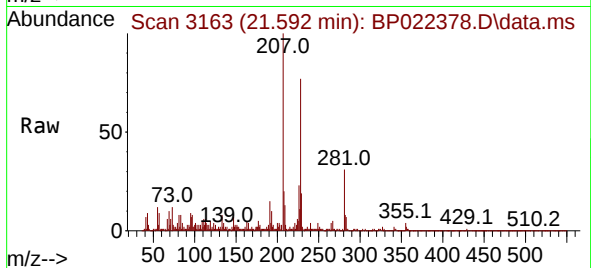
Tgt Ion:228	Resp:	7029
Ion Ratio	Lower	Upper
228	100	
226	30.2	23.8 35.8
229	24.6	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 1.626 ng/ul

RT: 23.809 min Scan# 3540

Delta R.T. -0.006 min

Lab File: BP022378.D

Acq: 15 Oct 2024 06:59

Tgt Ion:252	Resp:	92896
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.8 26.8
125	7.3	5.0 7.4

