

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017406.D
 Acq On : 27 Sep 2023 20:33
 Operator : MA/JU
 Sample : 04472-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYK8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/28/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 23:26:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	161139	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	743381	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	458397	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	914737	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	790605	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	893651	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	8579	2.187	ng/uL	0.00
4) Pyridine-d5	3.740	84	21311	1.943	ng/u1	0.01
7) Phenol-d5	7.075	99	178483	13.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	122828	15.379	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	145653	13.876	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	101133	9.829	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	75967	14.136	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	80335	13.767	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	145024	13.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	99939	6.258	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	554300	16.880	ng/u1	-0.01
49) Acenaphthylene-d8	14.281	160	570785	15.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	29125m	5.091	ng/u1	0.00
60) Fluorene-d10	15.575	176	470160	16.631	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	20393	3.955	ng/u1	0.00
73) Anthracene-d10	17.451	188	632092	15.581	ng/u1	0.00
81) Pyrene-d10	19.692	212	820471	19.191	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	766783	17.821	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.769	105	58514	3.680	ng/u1	93
36) 2-Methylnaphthalene	12.398	142	49236	1.949	ng/u1	95
37) 1-Methylnaphthalene	12.622	142	27846	1.078	ng/u1#	97
72) Phenanthrene	17.392	178	193190	4.032	ng/u1	99
80) Fluoranthene	19.363	202	78088	1.566	ng/u1	97
82) Pyrene	19.722	202	82263	1.552	ng/u1#	95
87) Chrysene	21.498	228	88365m	1.760	ng/u1	
90) Benzo(b)fluoranthene	23.186	252	79618	1.511	ng/u1#	93

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

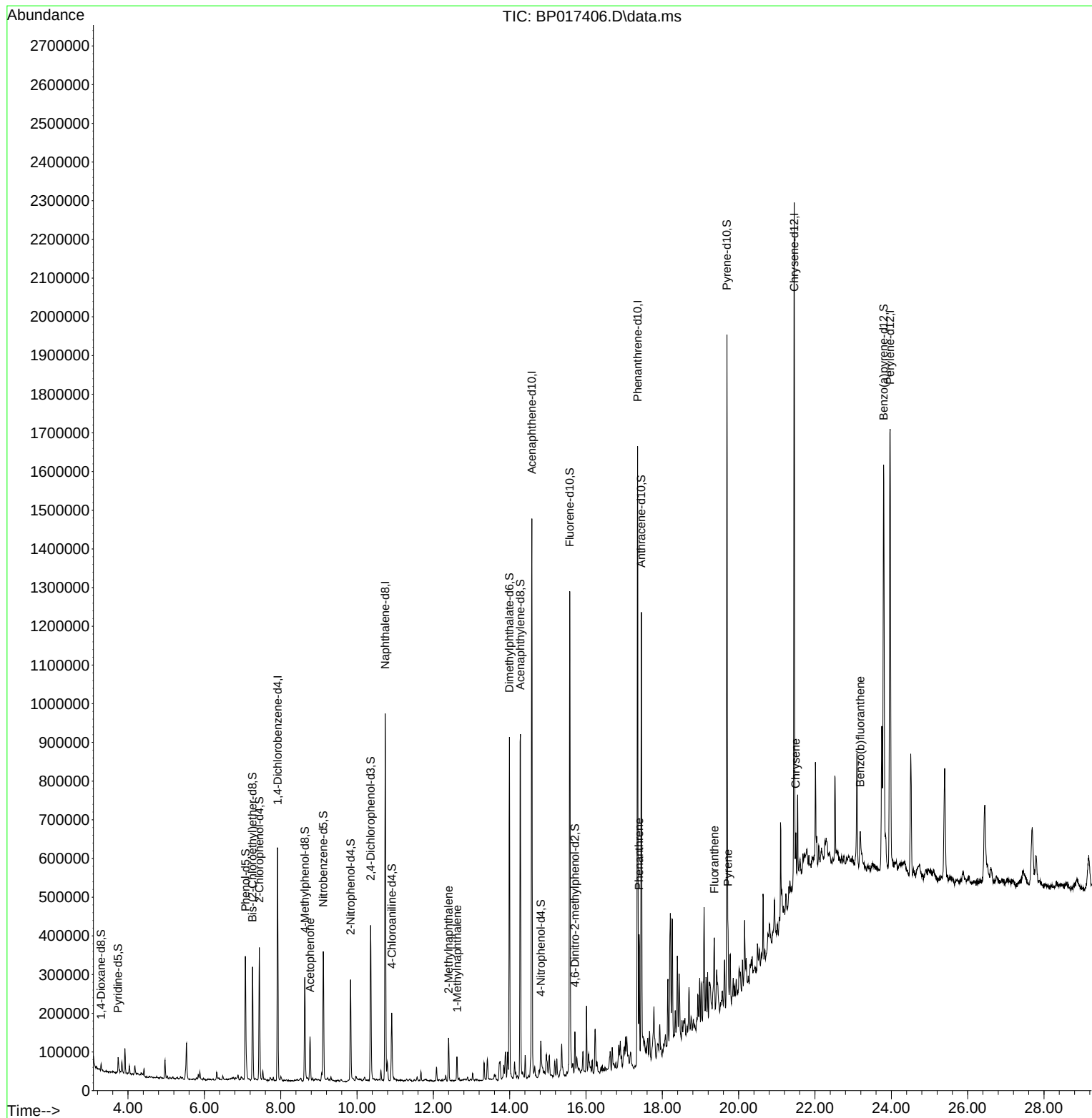
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
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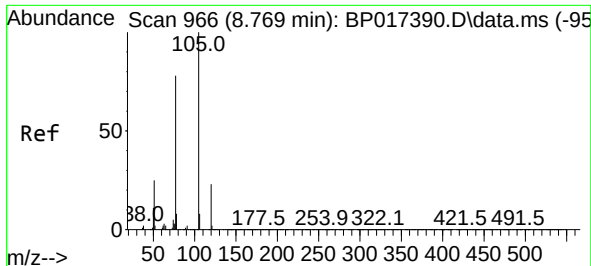
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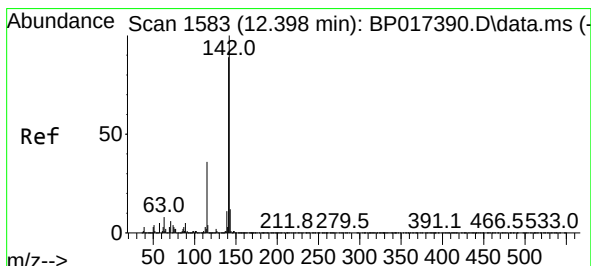
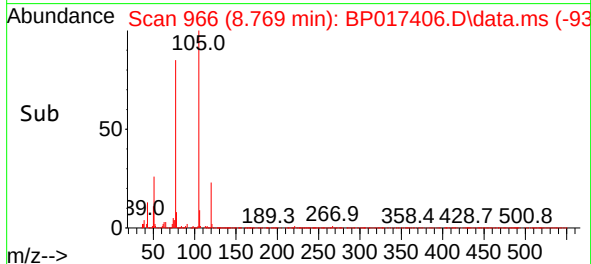
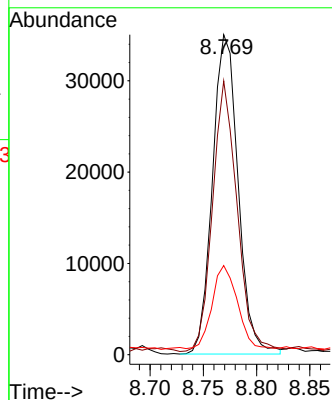
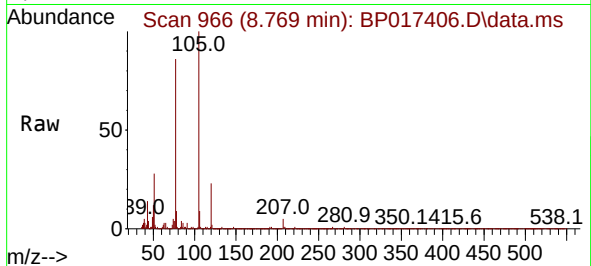
#16
Acetophenone
Concen: 3.680 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 20:33

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.6	63.6	95.4
51	27.8	19.2	28.8

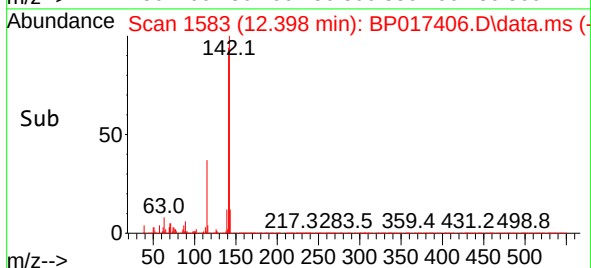
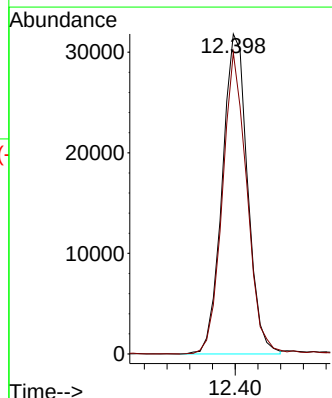
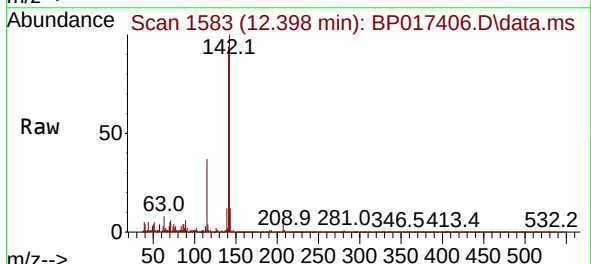
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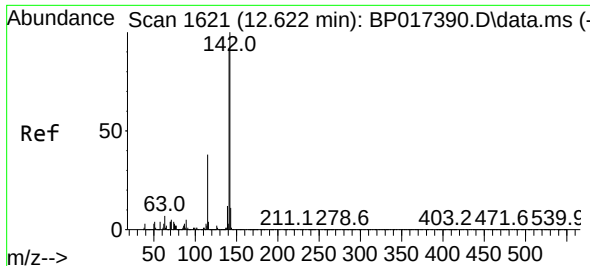
Reviewed By :Jagrut Upadhyay 09/28/2023
Supervised By :mohammad ahmed 09/29/2023



#36
2-Methylnaphthalene
Concen: 1.949 ng/ul
RT: 12.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 20:33

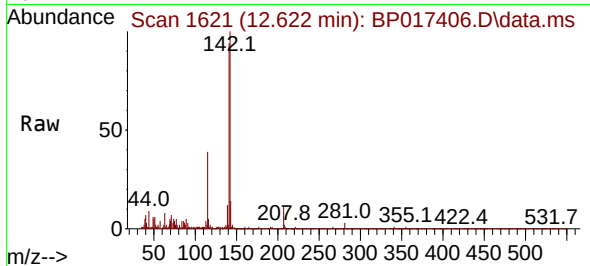
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.9	107.9





#37
1-Methylnaphthalene
Concen: 1.078 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP017406.D
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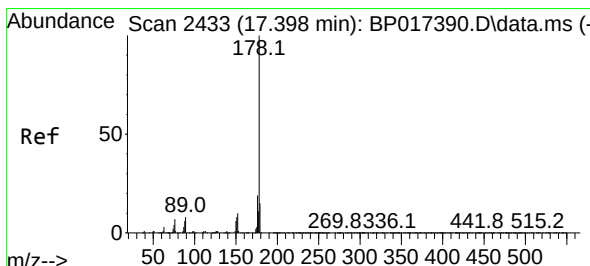
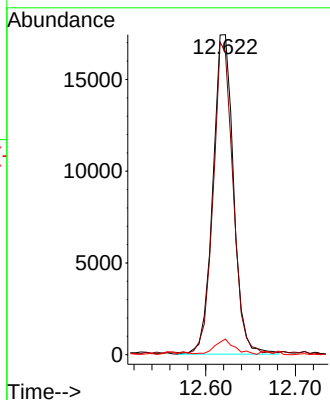
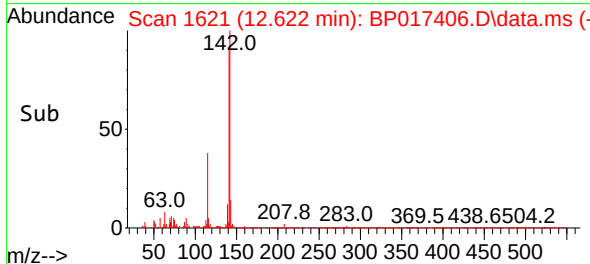
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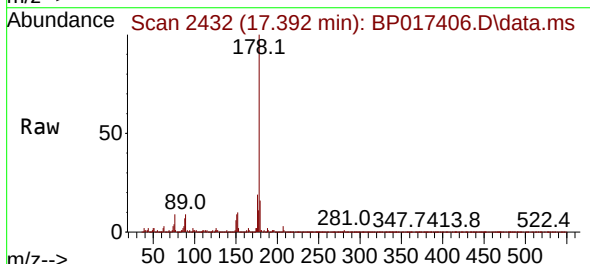
Tgt Ion:142 Resp: 27840
Ion Ratio Lower Upper
142 100
141 94.4 73.4 110.2
116 4.9 3.1 4.7

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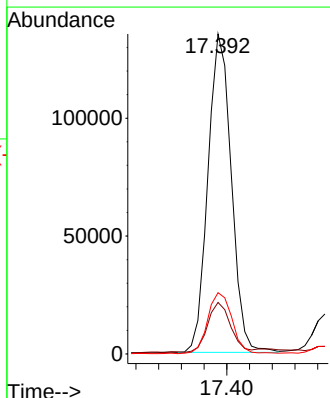
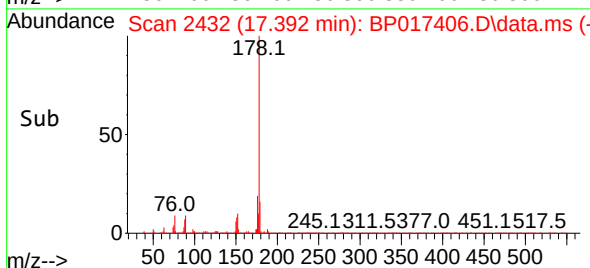
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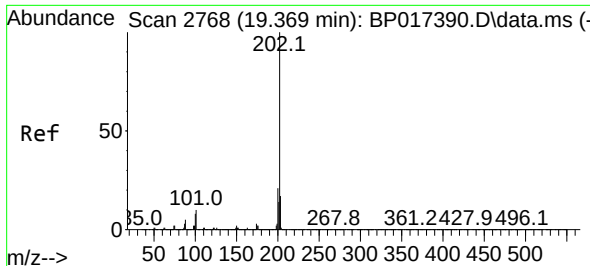


#72
Phenanthrene
Concen: 4.032 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP017406.D
Acq: 27 Sep 2023 20:33



Tgt Ion:178 Resp: 193190
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.1 15.8 23.6





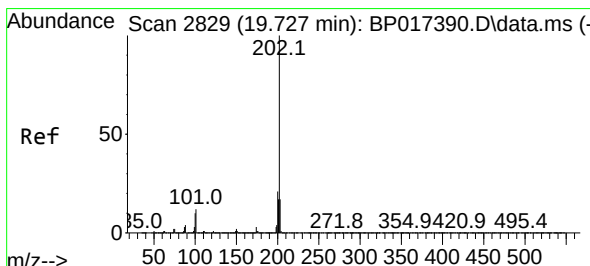
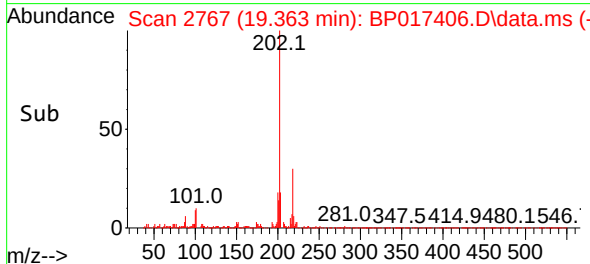
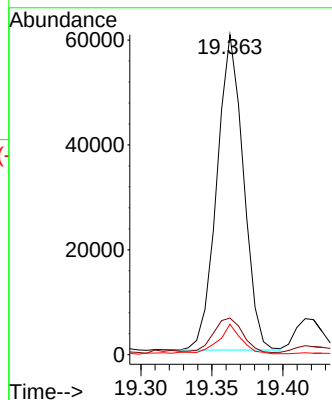
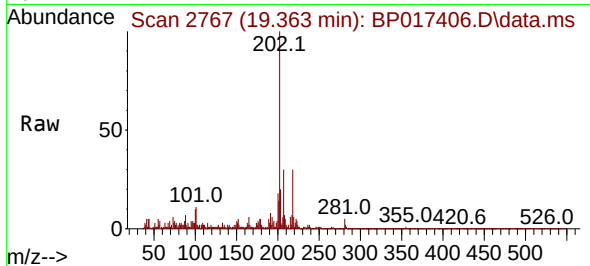
#80
Fluoranthene
Concen: 1.566 ng/u1
RT: 19.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 20:33

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EZYK8

Tgt Ion:202 Resp: 7808
Ion Ratio Lower Upper
202 100
101 11.4 8.4 12.6
100 9.5 6.6 10.0

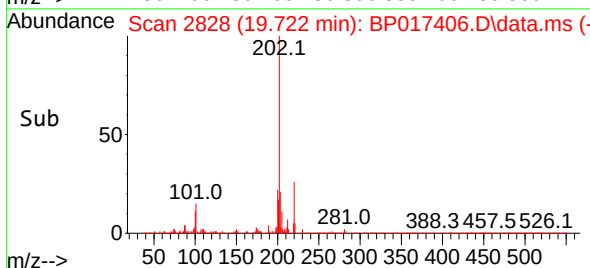
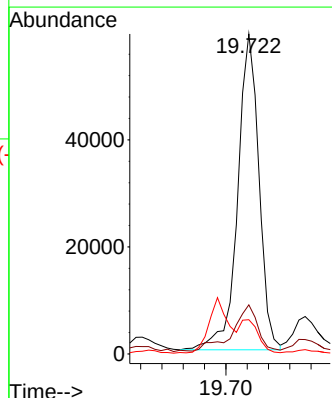
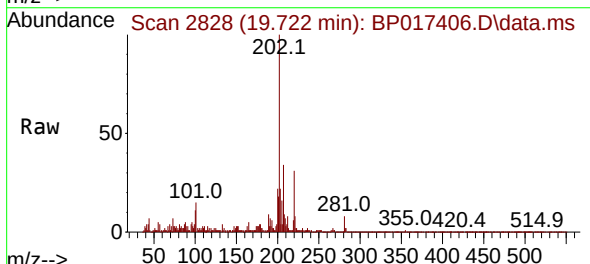
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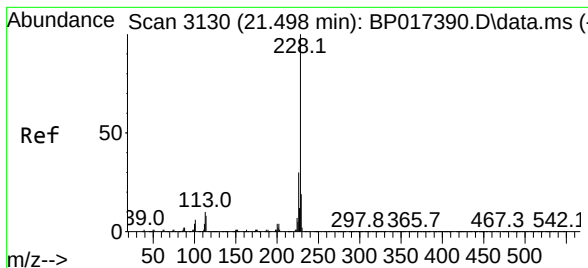
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#82
Pyrene
Concen: 1.552 ng/u1
RT: 19.722 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 20:33

Tgt Ion:202 Resp: 82263
Ion Ratio Lower Upper
202 100
101 15.3 9.8 14.8#
100 10.7 8.1 12.1





#87

Chrysene

Concen: 1.760 ng/ul m

RT: 21.498 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP017406.D

Acq: 27 Sep 2023 20:33

Instrument :

BNA_P

ClientSampleId :

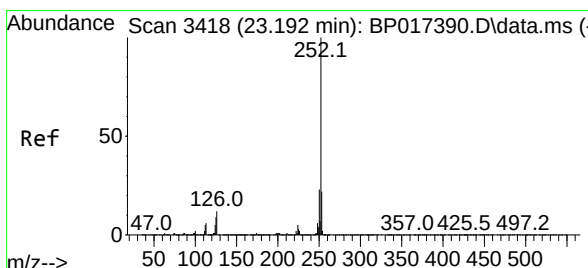
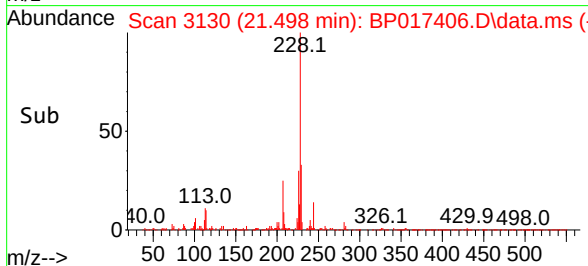
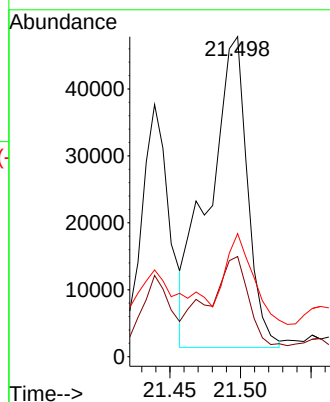
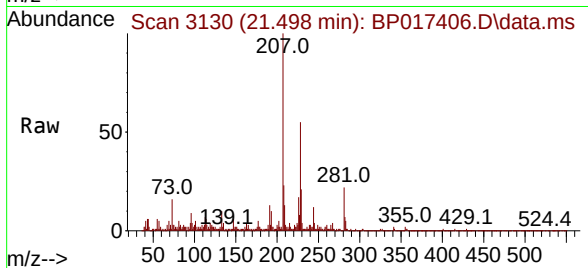
EZYK8

Tgt Ion:	228	Resp:	8836
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.1	36.1
229	38.5	15.0	22.6

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#90

Benzo(b)fluoranthene

Concen: 1.511 ng/ul

RT: 23.186 min Scan# 3417

Delta R.T. -0.006 min

Lab File: BP017406.D

Acq: 27 Sep 2023 20:33

Tgt Ion:	252	Resp:	79618
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	13.2	7.8	11.8

