

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016799.D
 Acq On : 28 Aug 2023 19:17
 Operator : MA/JU
 Sample : 04037-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYE3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:36:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	280004	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	1238721	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	787796	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1781475	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1604000	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1555483	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	38645	5.704	ng/uL	0.00
4) Pyridine-d5	3.834	84	16052m	0.775	ng/u1	0.02
7) Phenol-d5	7.175	99	276326	11.098	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	450023	28.359	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	120954	6.461	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	292204	14.376	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	282942	30.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	58489	5.925	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	114005	6.194	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	667722	23.657	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	1820964	30.650	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	2135606	31.798	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	29330	2.389	ng/u1	0.00
60) Fluorene-d10	15.680	176	1644208	32.864	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	22542	2.125	ng/u1	0.00
73) Anthracene-d10	17.551	188	2407647	30.490	ng/u1	0.00
81) Pyrene-d10	19.786	212	3084823	35.017	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.950	264	2544189	32.653	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.881	105	60707	1.926	ng/u1	97
72) Phenanthrene	17.492	178	1883764	20.086	ng/u1	100
80) Fluoranthene	19.457	202	2774057	26.214	ng/u1	99
82) Pyrene	19.815	202	2032949	18.598	ng/u1	98
85) Benzo(a)anthracene	21.533	228	870608	7.880	ng/u1	99
87) Chrysene	21.586	228	1130516	11.265	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	1279137	12.878	ng/u1	98
91) Benzo(k)fluoranthene	23.368	252	367497m	3.741	ng/u1	
93) Benzo(a)pyrene	24.003	252	529831	5.897	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.839	276	479016	5.218	ng/u1	98
95) Dibenzo(a,h)anthracene	26.868	278	127095m	1.667	ng/u1	
96) Benzo(g,h,i)perylene	27.697	276	452001	6.494	ng/u1	98

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

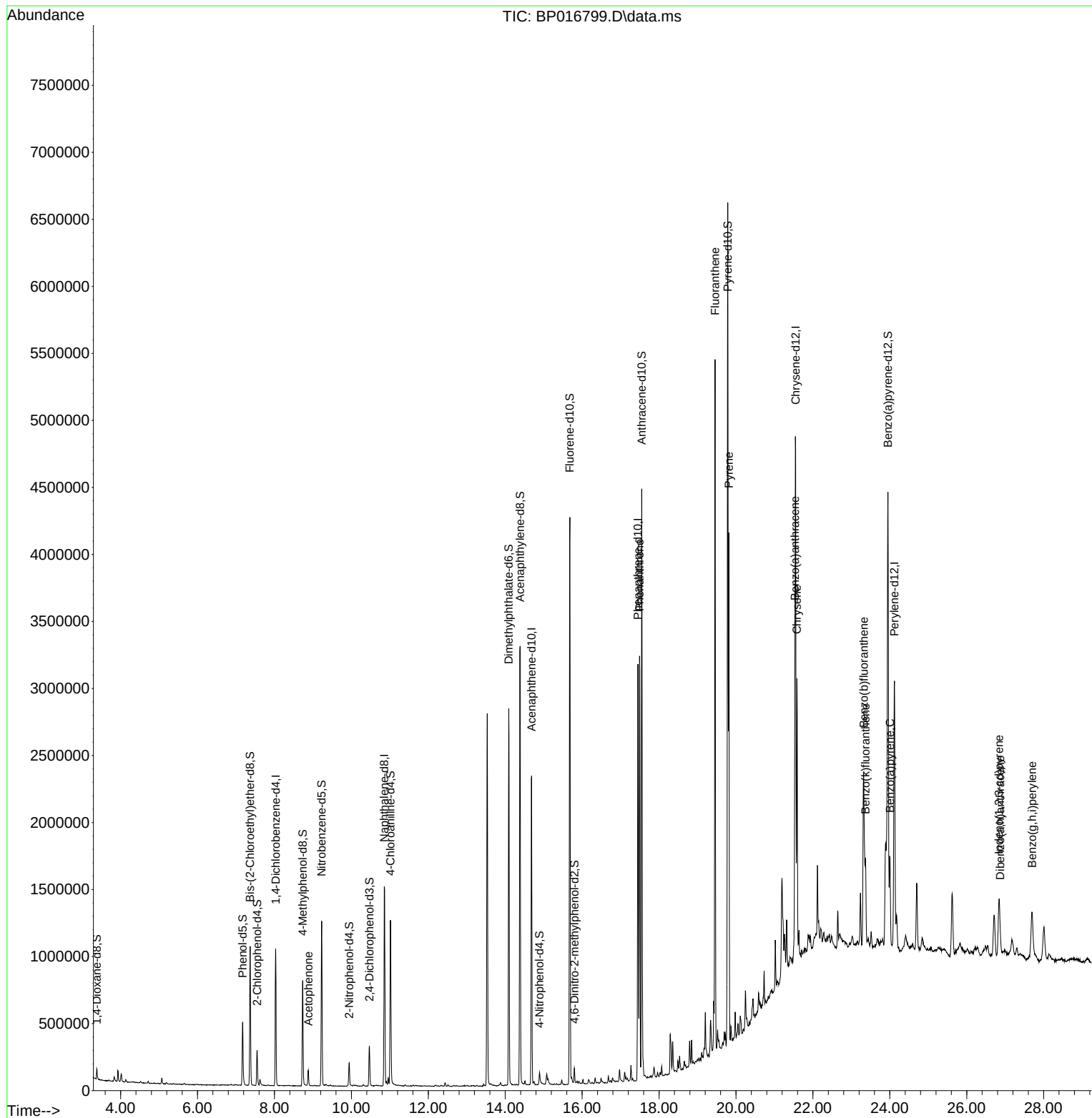
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016799.D
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 ALS Vial : 15 Sample Multiplier: 1

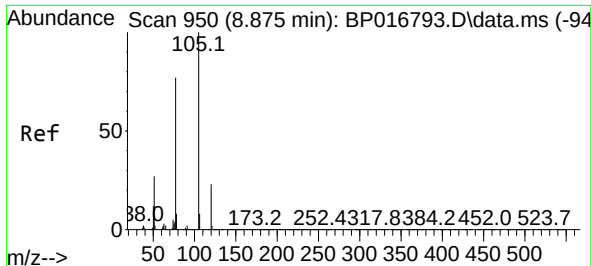
Instrument :
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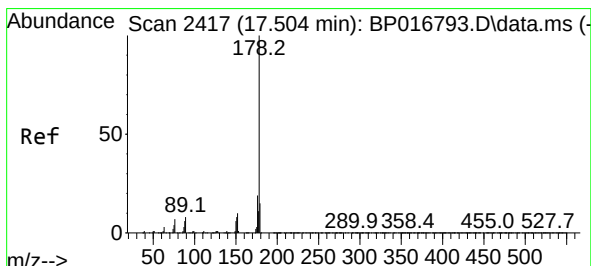
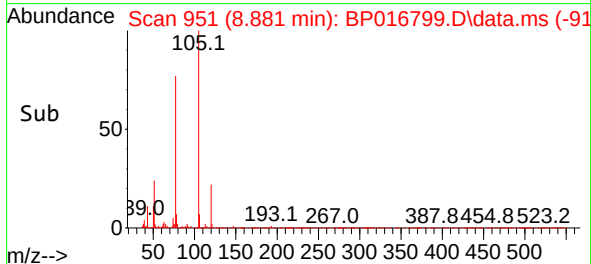
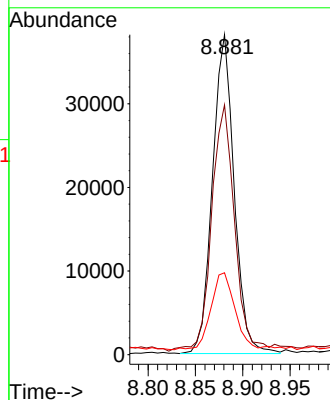
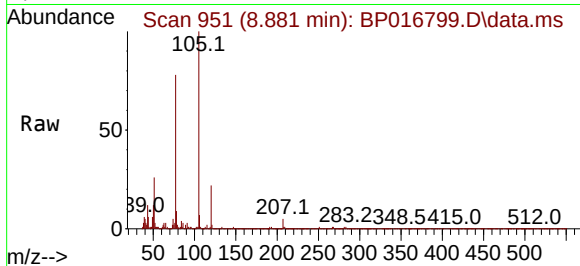
#16
Acetophenone
Concen: 1.926 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

Instrument :
BNA_P
ClientSampleId :
EZY3

Tgt Ion:105 Resp: 6070
Ion Ratio Lower Upper
105 100
77 78.0 64.2 96.4
51 25.6 22.2 33.4

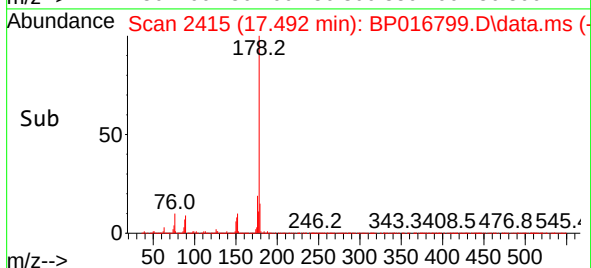
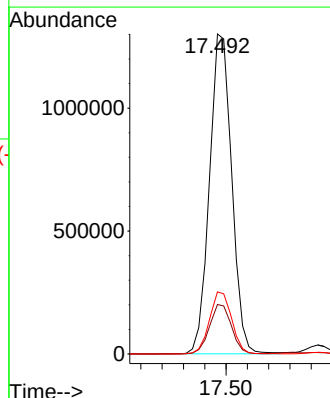
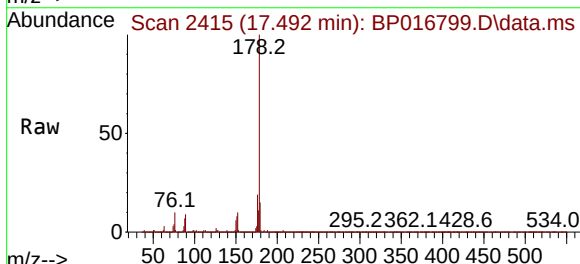
Manual Integrations
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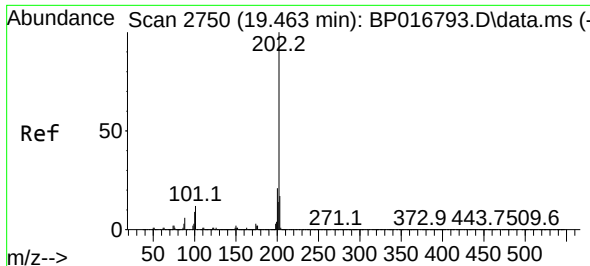
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#72
Phenanthrene
Concen: 20.086 ng/ul
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

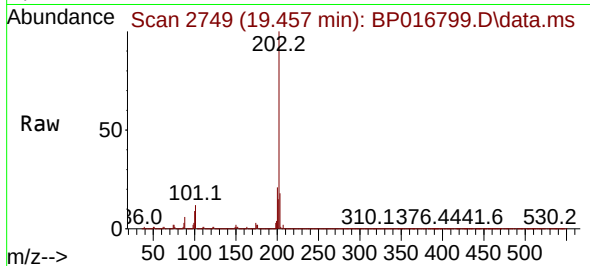
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Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.6 23.4





#80
Fluoranthene
Concen: 26.214 ng/u1
RT: 19.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

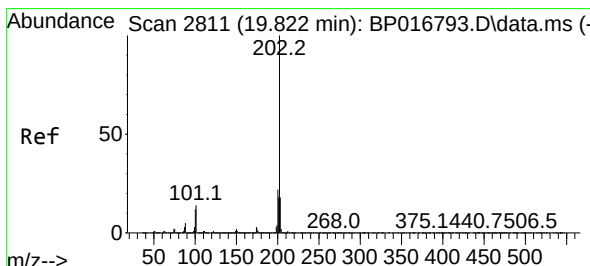
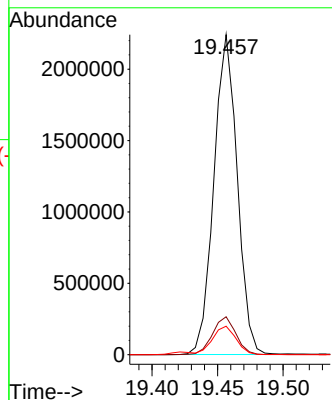
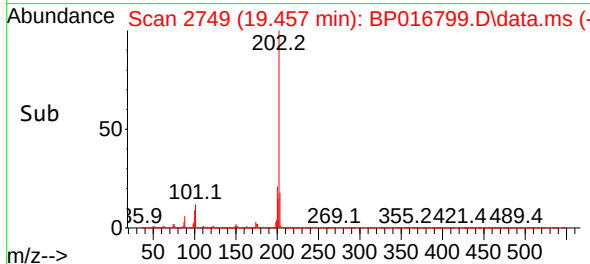
Instrument :
BNA_P
ClientSampleId :
EZY3



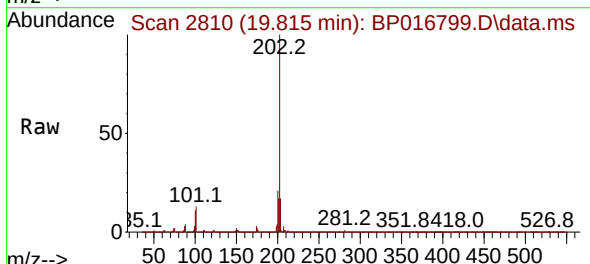
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Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.9 7.4 11.2

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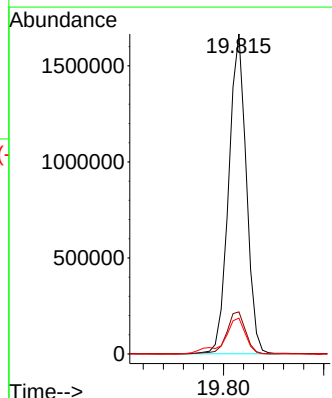
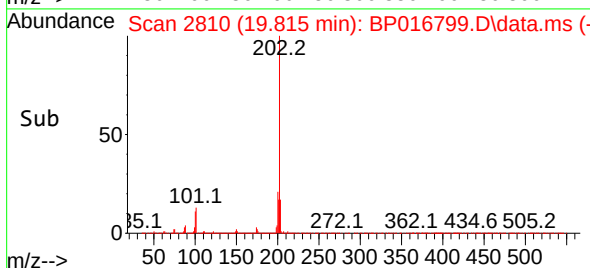
Reviewed By :Yogesh Patel 08/29/2023
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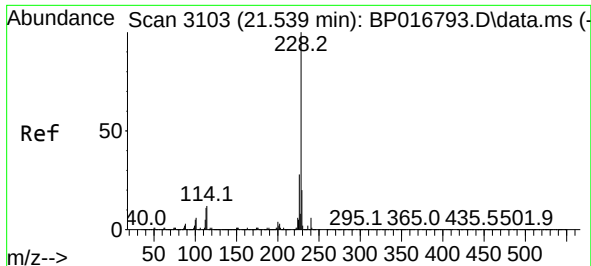


#82
Pyrene
Concen: 18.598 ng/u1
RT: 19.815 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17



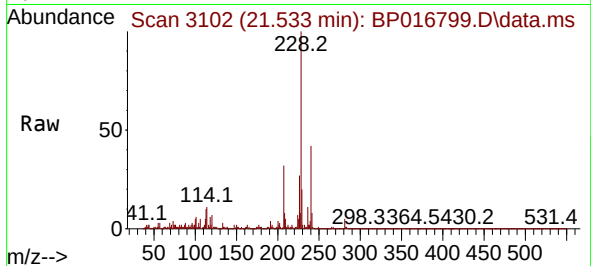
Tgt Ion:202 Resp: 2032949
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 11.2 9.4 14.2





#85
Benzo(a)anthracene
Concen: 7.880 ng/uI
RT: 21.533 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

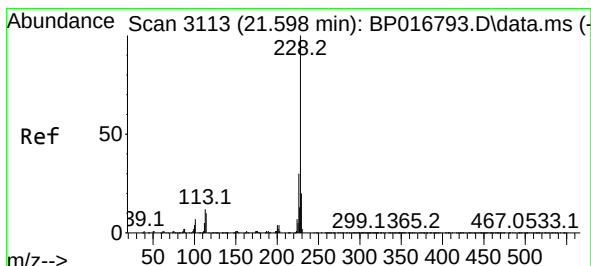
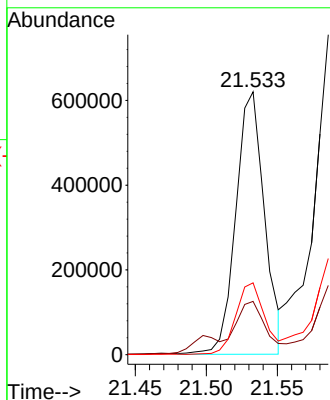
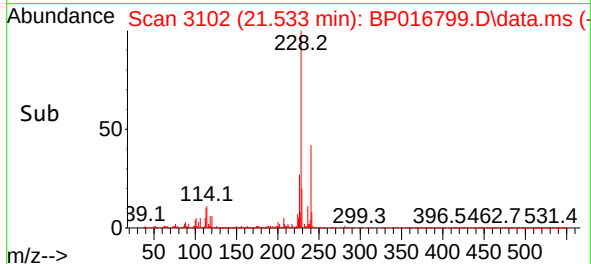
Instrument :
BNA_P
ClientSampleId :
EZY3



Tgt Ion:228 Resp: 870608
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.4
226 27.3 22.9 34.3

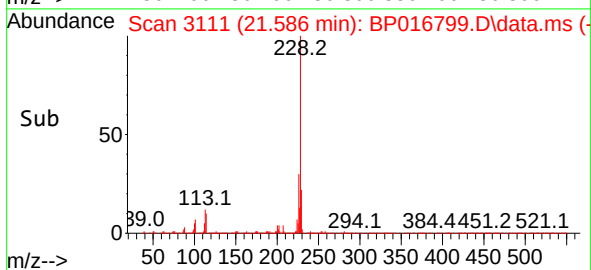
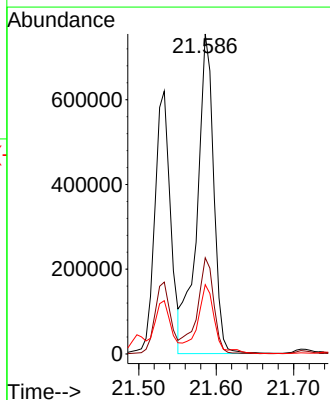
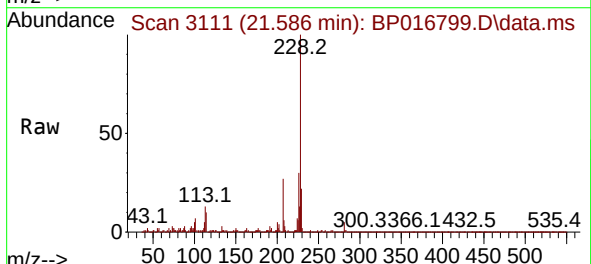
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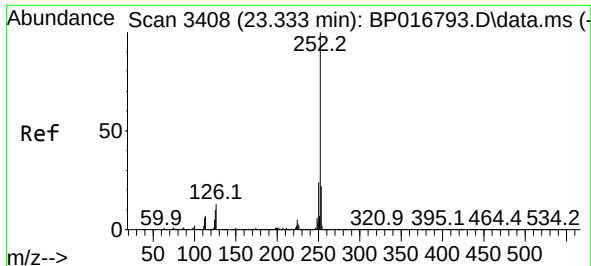
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#87
Chrysene
Concen: 11.265 ng/uI
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

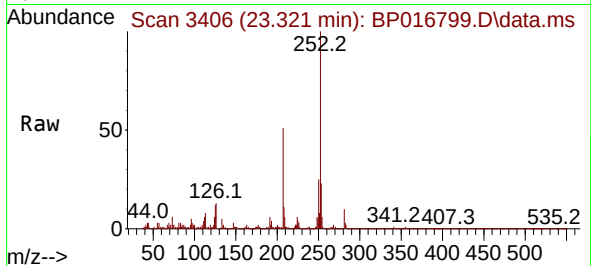
Tgt Ion:228 Resp: 1130516
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.4
229 21.7 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 12.878 ng/ul
RT: 23.321 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

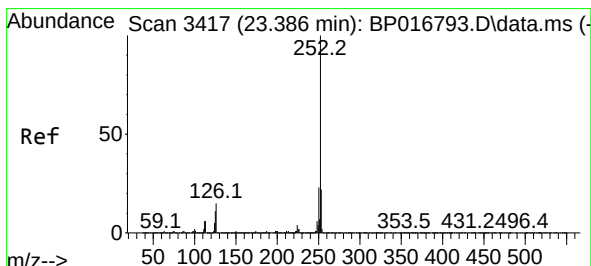
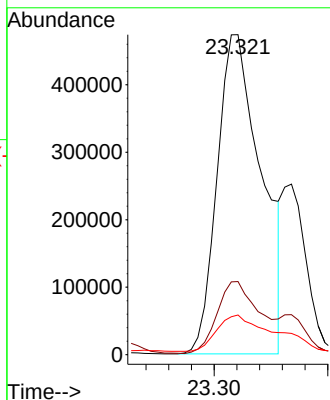
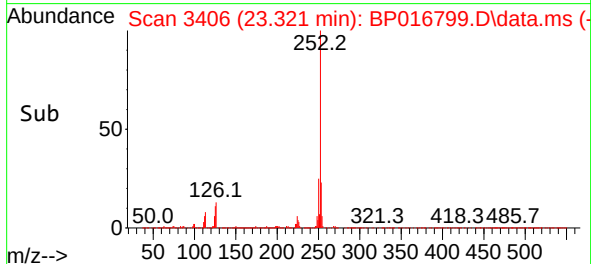
Instrument :
BNA_P
ClientSampleId :
EZY3



Tgt Ion:252 Resp: 127913
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.4 9.0 13.4

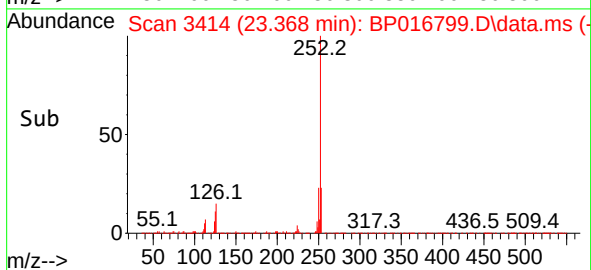
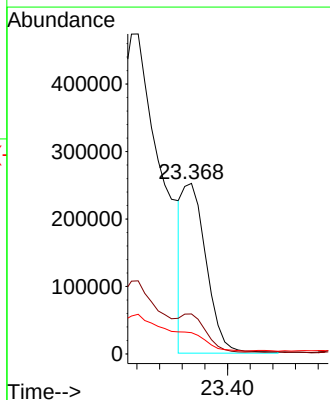
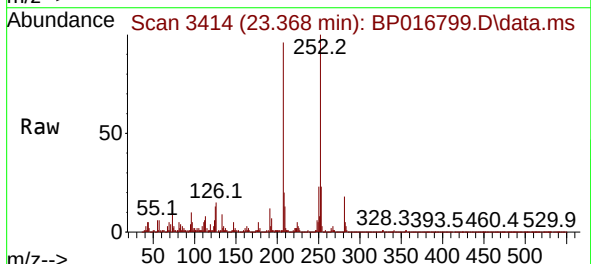
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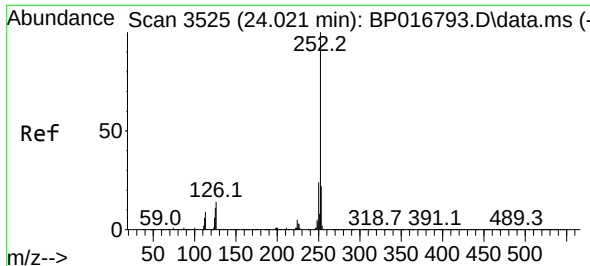
Reviewed By :Yogesh Patel 08/29/2023
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#91
Benzo(k)fluoranthene
Concen: 3.741 ng/ul m
RT: 23.368 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

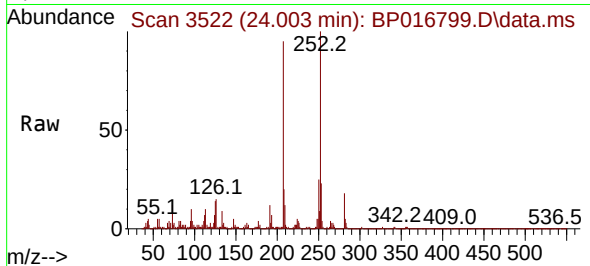
Tgt Ion:252 Resp: 367497
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 12.5 8.9 13.3





#93
Benzo(a)pyrene
Concen: 5.897 ng/ul
RT: 24.003 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

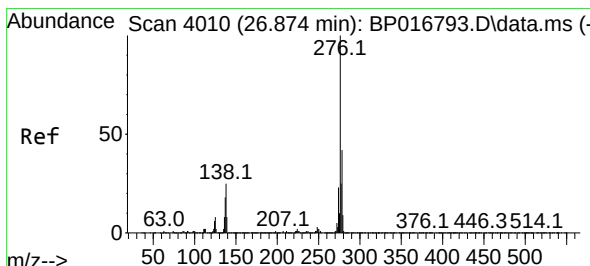
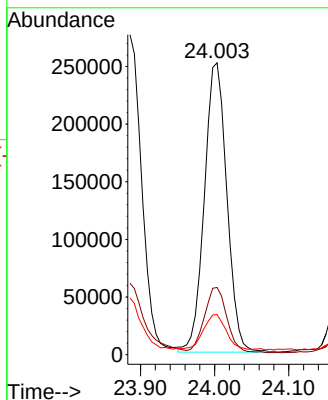
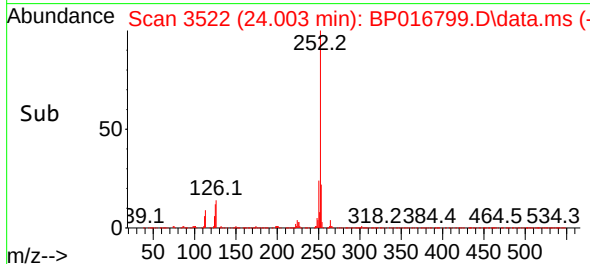
Instrument :
BNA_P
ClientSampleId :
EZY3



Tgt Ion:252 Resp: 52983
Ion Ratio Lower Upper
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253 23.0 17.8 26.8
125 13.8 9.9 14.9

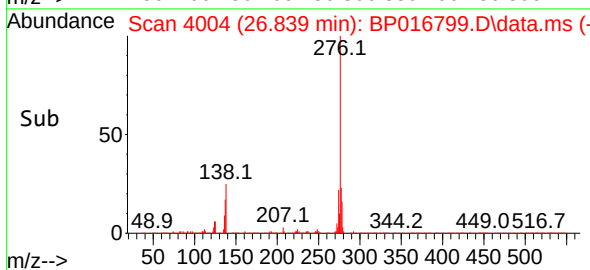
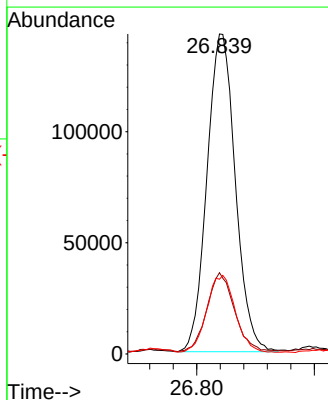
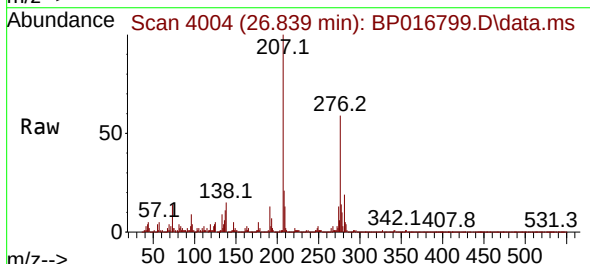
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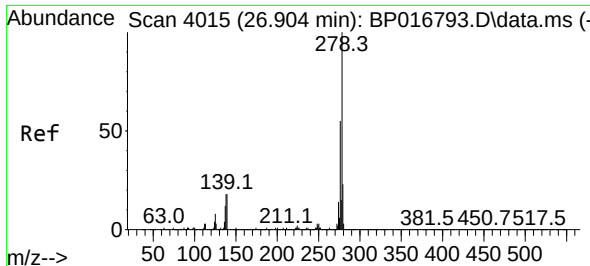
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.218 ng/ul
RT: 26.839 min Scan# 4004
Delta R.T. -0.024 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

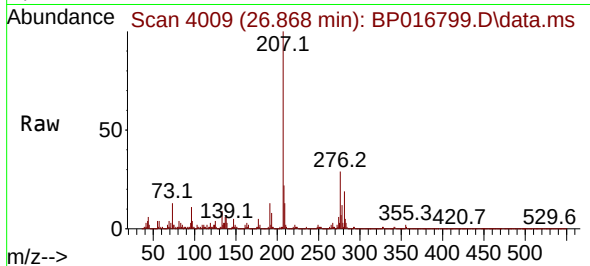
Tgt Ion:276 Resp: 479016
Ion Ratio Lower Upper
276 100
138 25.4 20.9 31.3
277 23.3 19.8 29.6





#95
Dibenzo(a,h)anthracene
Concen: 1.667 ng/ul m
RT: 26.868 min Scan# 4015
Delta R.T. -0.018 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

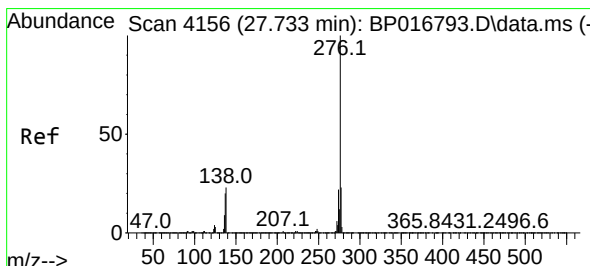
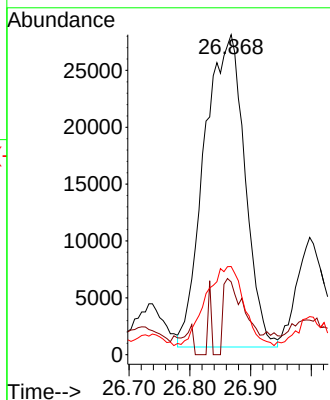
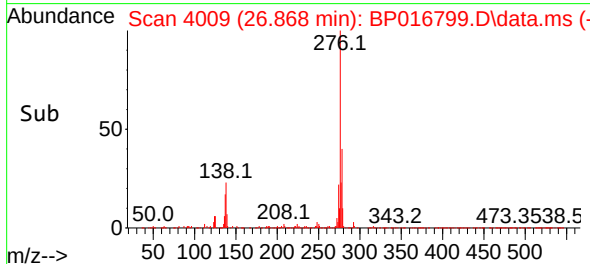
Instrument :
BNA_P
ClientSampleId :
EZY3



Tgt Ion:278 Resp: 127095
Ion Ratio Lower Upper
278 100
139 22.7 15.0 22.6
279 27.5 19.4 29.2

Manual Integrations
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Supervised By :mohammad ahmed 08/29/2023



#96
Benzo(g,h,i)perylene
Concen: 6.494 ng/ul
RT: 27.697 min Scan# 4150
Delta R.T. -0.024 min
Lab File: BP016799.D
Acq: 28 Aug 2023 19:17

Tgt Ion:276 Resp: 452001
Ion Ratio Lower Upper
276 100
138 24.2 20.2 30.4
277 23.5 19.3 28.9

