

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016899.D
 Acq On : 31 Aug 2023 15:52
 Operator : MA/JU
 Sample : 04113-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:43:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	371463	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1561287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	933371	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1975606	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1289509	20.000	ng/ul	0.01
88) Perylene-d12	24.127	264	1294517	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25780	2.868	ng/uL	0.00
4) Pyridine-d5	3.834	84	15450m	0.563	ng/ul	0.02
7) Phenol-d5	7.170	99	459288	13.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	323620	15.372	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	380378	15.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	272493	10.106	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	194414	16.469	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	182990	14.706	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	334821	14.433	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	149792	4.211	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1142286	16.228	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1373801	17.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	41125m	2.827	ng/ul	0.01
60) Fluorene-d10	15.675	176	1028250	17.347	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	4435	0.377	ng/ul	0.00
73) Anthracene-d10	17.551	188	1550715	17.708	ng/ul	0.00
81) Pyrene-d10	19.786	212	1646733	23.252	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.957	264	1146772	17.685	ng/ul	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.875	105	86809	2.076	ng/ul	99
36) 2-Methylnaphthalene	12.505	142	56505	1.012	ng/ul	97
72) Phenanthrene	17.492	178	130675	1.256	ng/ul	99
80) Fluoranthene	19.457	202	480650	5.650	ng/ul	99
82) Pyrene	19.816	202	512285	5.829	ng/ul	99
85) Benzo(a)anthracene	21.533	228	415955	4.683	ng/ul	99
87) Chrysene	21.592	228	513275m	6.362	ng/ul	
90) Benzo(b)fluoranthene	23.327	252	925414	11.195	ng/ul#	92
91) Benzo(k)fluoranthene	23.375	252	278847	3.411	ng/ul#	89
93) Benzo(a)pyrene	24.010	252	688952	9.214	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.863	276	547971	7.172	ng/ul	97
95) Dibenzo(a,h)anthracene	26.880	278	123946	1.953	ng/ul#	72
96) Benzo(g,h,i)perylene	27.721	276	582795	10.061	ng/ul	97

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

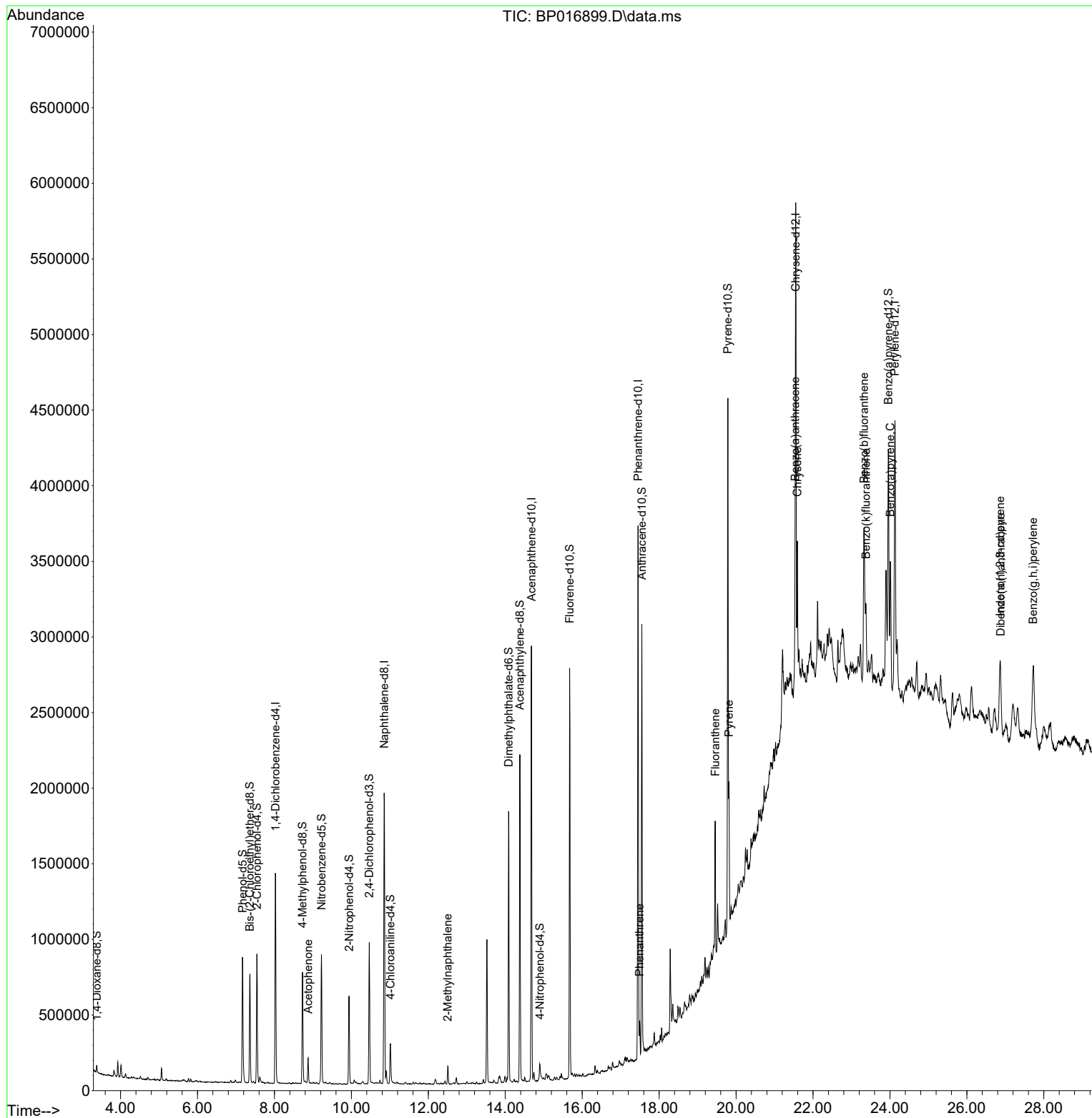
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016899.D
 Acq On : 31 Aug 2023 15:52
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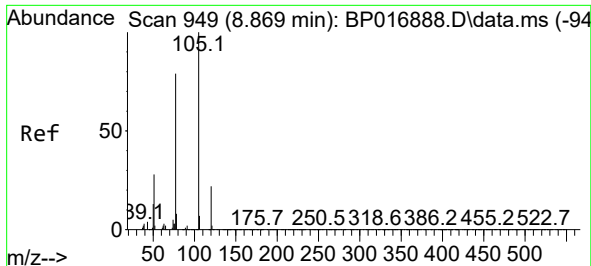
Instrument :
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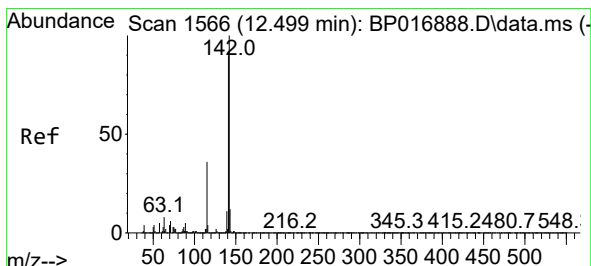
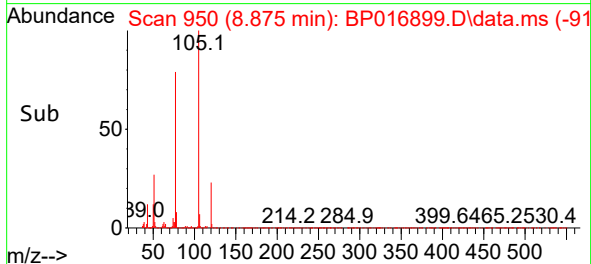
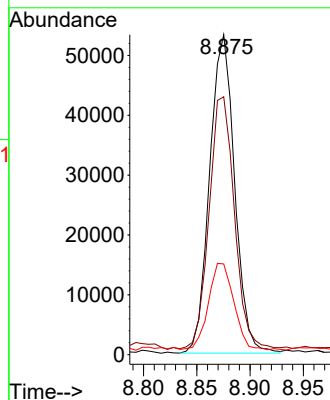
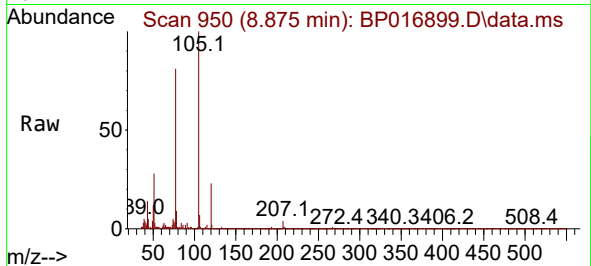
#16
Acetophenone
Concen: 2.076 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016899.D
Acq: 31 Aug 2023 15:52

Instrument :
BNA_P
ClientSampleId :
EZY2

Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.6	64.2	96.4
51	28.4	22.2	33.4

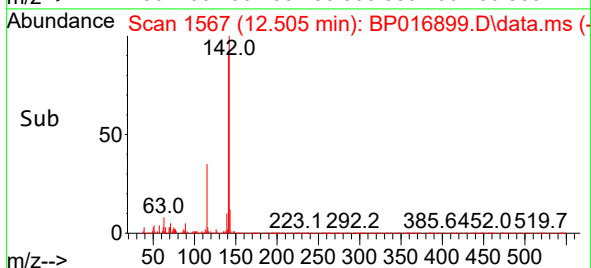
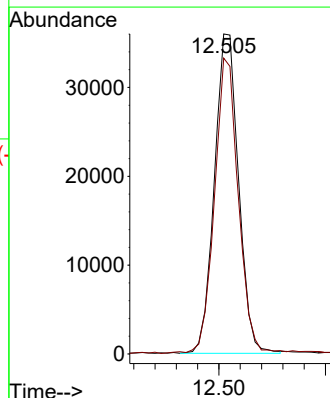
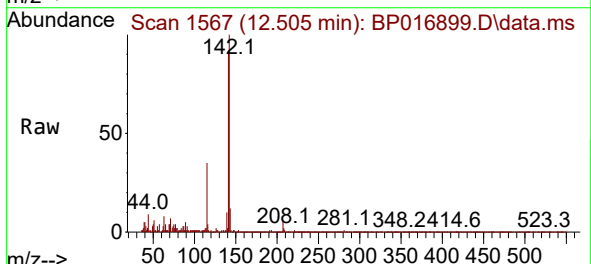
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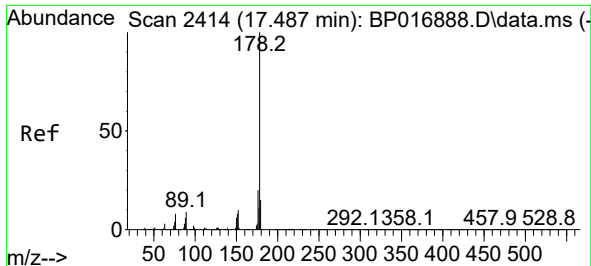
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#36
2-Methylnaphthalene
Concen: 1.012 ng/ul
RT: 12.505 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016899.D
Acq: 31 Aug 2023 15:52

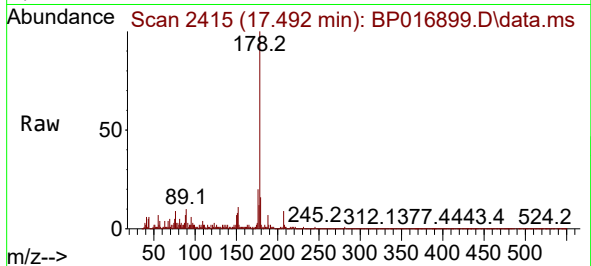
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.4	107.0





#72
Phenanthrene
Concen: 1.256 ng/ul
RT: 17.492 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP016899.D
Acq: 31 Aug 2023 15:52

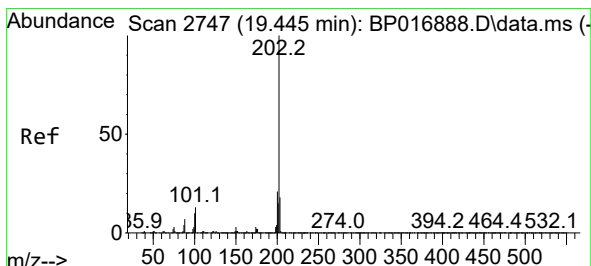
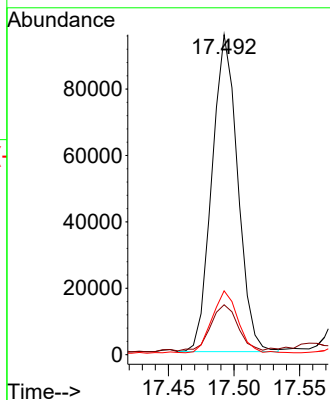
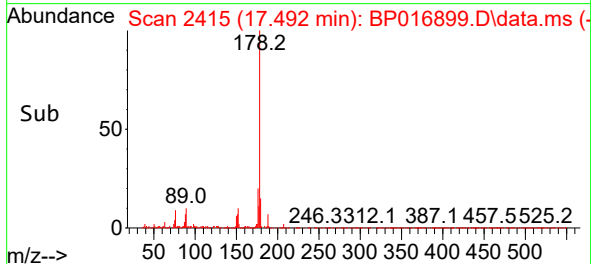
Instrument :
BNA_P
ClientSampleId :
EZYL2



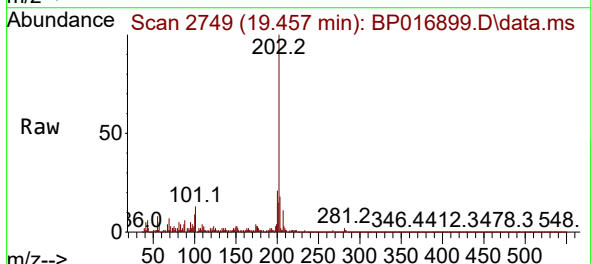
Tgt Ion:178 Resp: 130679
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 20.0 15.6 23.4

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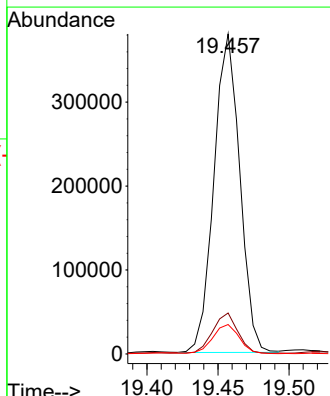
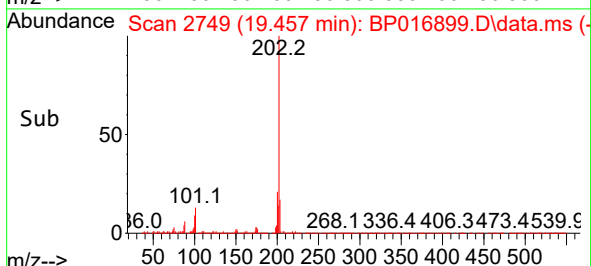
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

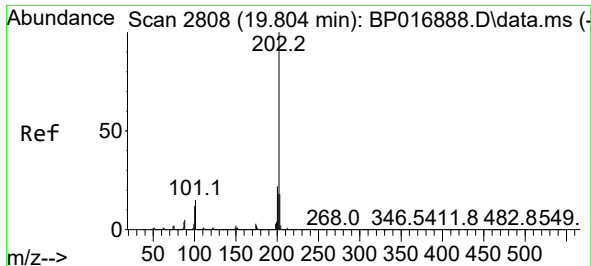


#80
Fluoranthene
Concen: 5.650 ng/ul
RT: 19.457 min Scan# 2749
Delta R.T. 0.006 min
Lab File: BP016899.D
Acq: 31 Aug 2023 15:52



Tgt Ion:202 Resp: 480650
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 9.2 7.4 11.2





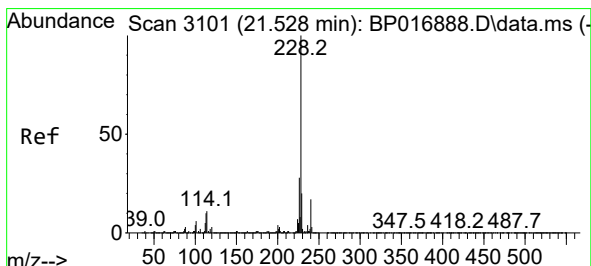
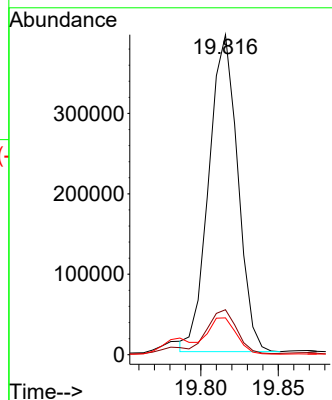
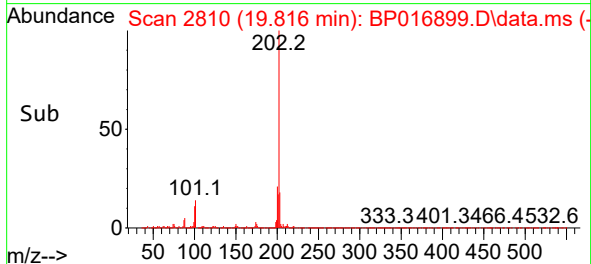
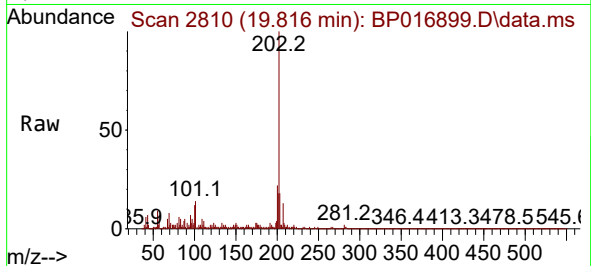
#82
Pyrene
Concen: 5.829 ng/ul
RT: 19.816 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BP016899.D
Acq: 31 Aug 2023 15:52

Instrument :
BNA_P
ClientSampleId :
EZY2

Tgt Ion:202 Resp: 512285
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.2
100 11.5 9.4 14.2

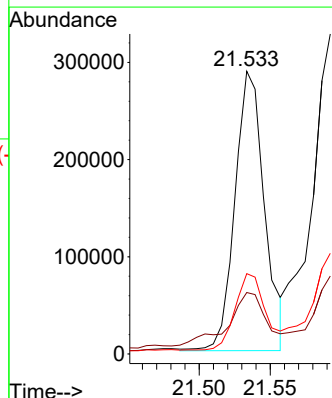
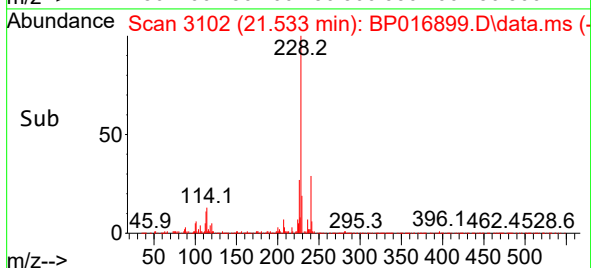
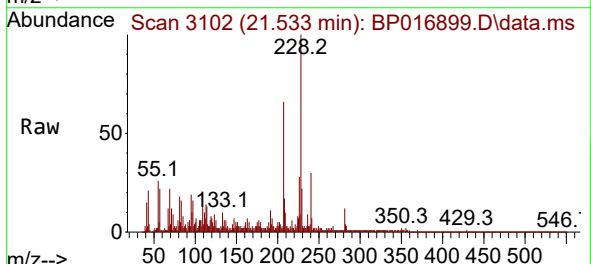
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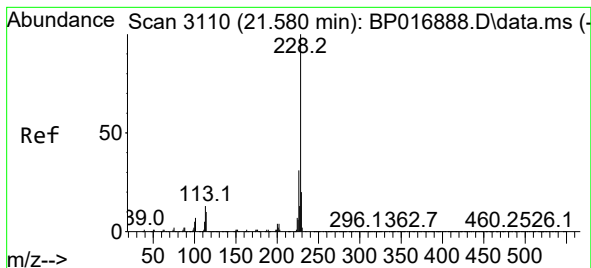
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#85
Benzo(a)anthracene
Concen: 4.683 ng/ul
RT: 21.533 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP016899.D
Acq: 31 Aug 2023 15:52

Tgt Ion:228 Resp: 415955
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.4
226 28.4 22.9 34.3





#87

Chrysene

Concen: 6.362 ng/ul m

RT: 21.592 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BP016899.D

Acq: 31 Aug 2023 15:52

Instrument :

BNA_P

ClientSampleId :

EZYL2

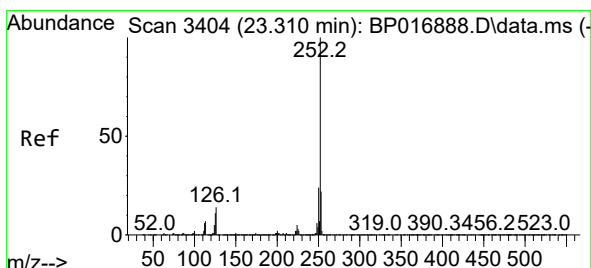
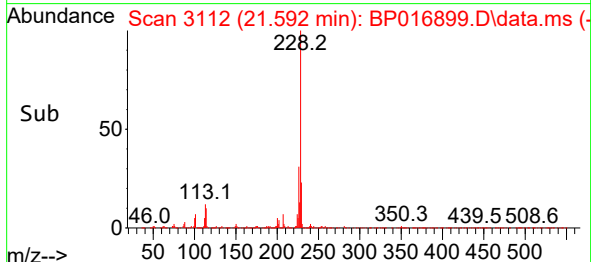
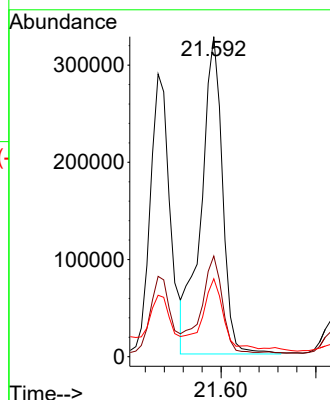
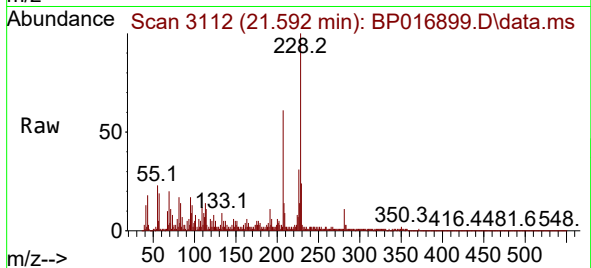
Tgt Ion:228	Resp: 51327
Ion Ratio	Lower Upper
228 100	
226 31.4	25.0 37.4
229 24.3	16.0 24.0

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 11.195 ng/ul

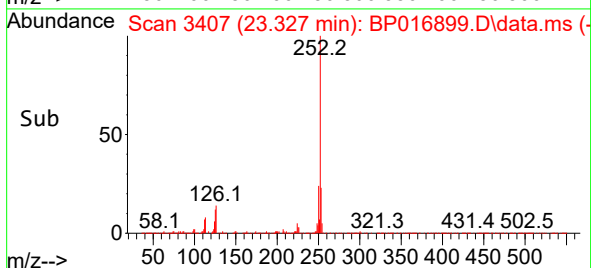
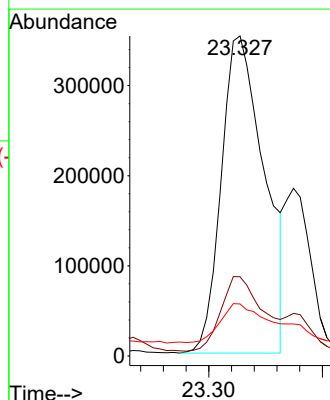
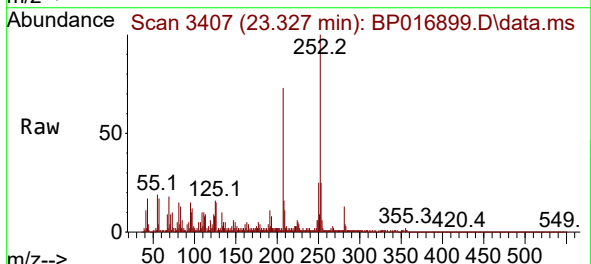
RT: 23.327 min Scan# 3407

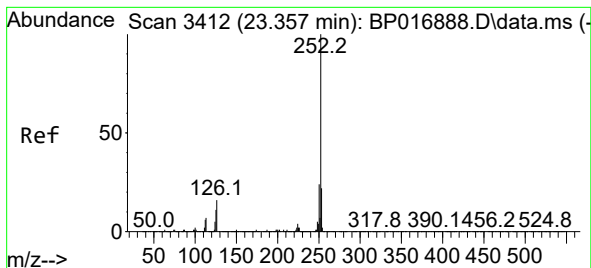
Delta R.T. 0.018 min

Lab File: BP016899.D

Acq: 31 Aug 2023 15:52

Tgt Ion:252	Resp: 925414
Ion Ratio	Lower Upper
252 100	
253 24.7	17.7 26.5
125 16.3	9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 3.411 ng/ul

RT: 23.375 min Scan# 3412

Delta R.T. 0.012 min

Lab File: BP016899.D

Acq: 31 Aug 2023 15:52

Instrument :

BNA_P

ClientSampleId :

EZYL2

Tgt Ion:252 Resp: 27884

Ion Ratio Lower Upper

252 100

253 25.4 18.1 27.1

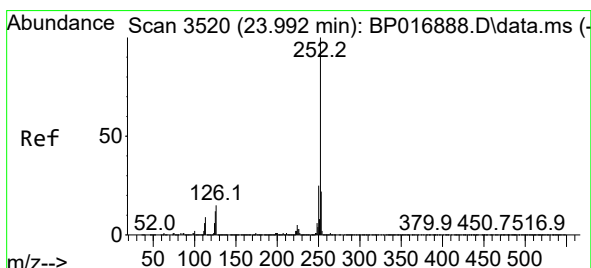
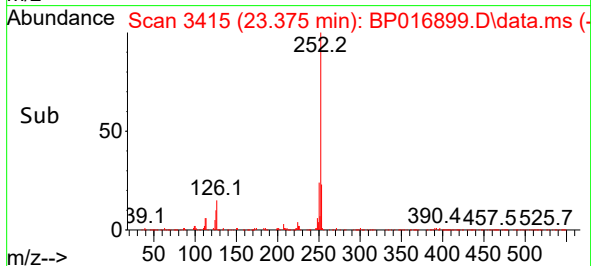
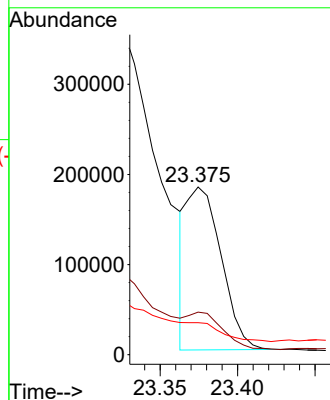
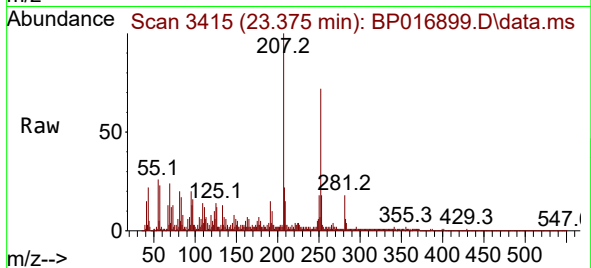
125 19.1 8.9 13.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 9.214 ng/ul

RT: 24.010 min Scan# 3523

Delta R.T. 0.018 min

Lab File: BP016899.D

Acq: 31 Aug 2023 15:52

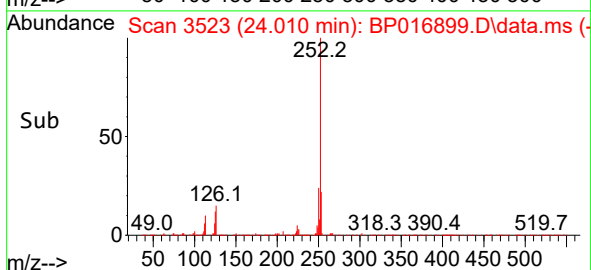
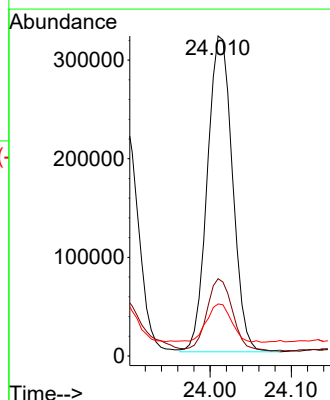
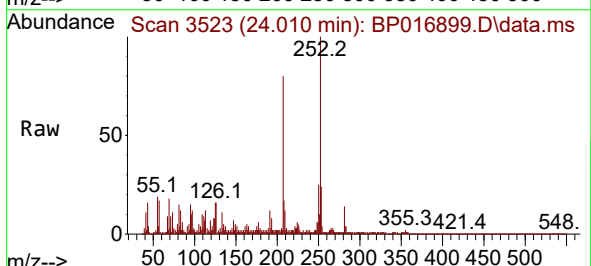
Tgt Ion:252 Resp: 688952

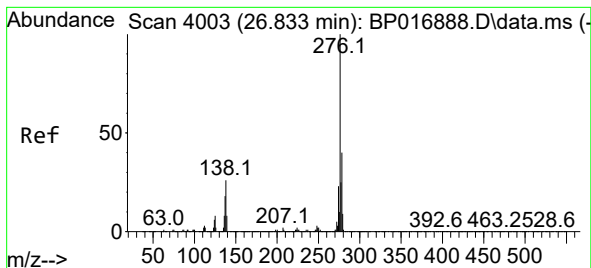
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

125 16.2 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.172 ng/ul

RT: 26.863 min Scan# 4008

Delta R.T. 0.030 min

Lab File: BP016899.D

Acq: 31 Aug 2023 15:52

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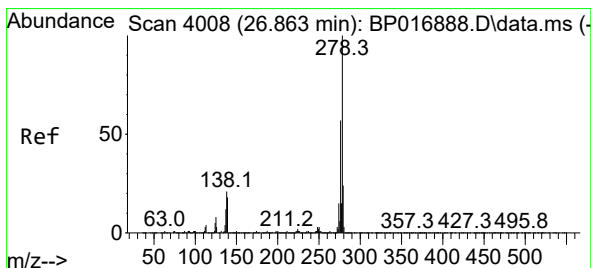
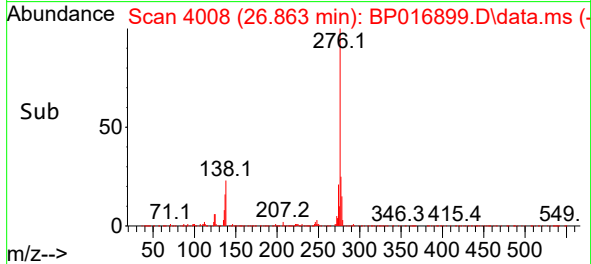
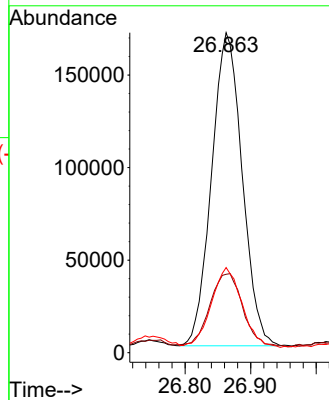
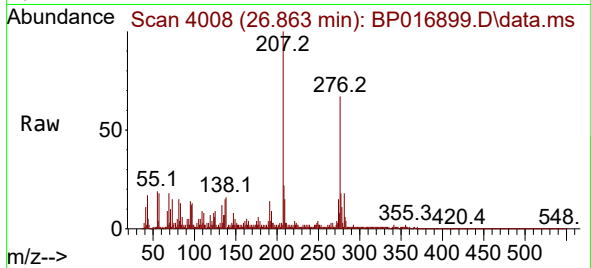
Tgt Ion:	276	Resp:	54797
Ion Ratio	Lower	Upper	
276	100		
138	24.5	20.9	31.3
277	26.6	19.8	29.6

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#95

Dibenzo(a,h)anthracene

Concen: 1.953 ng/ul

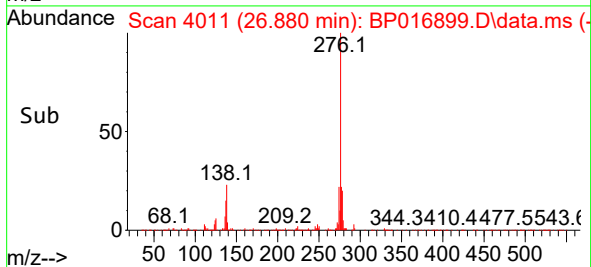
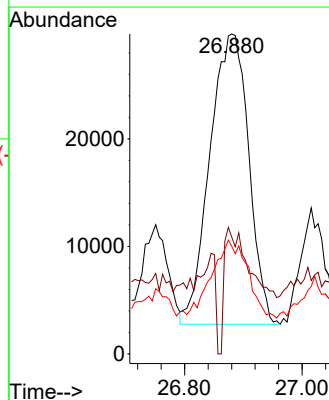
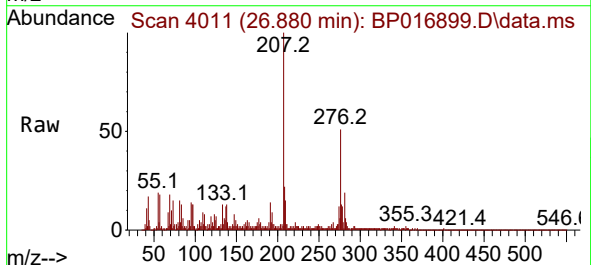
RT: 26.880 min Scan# 4011

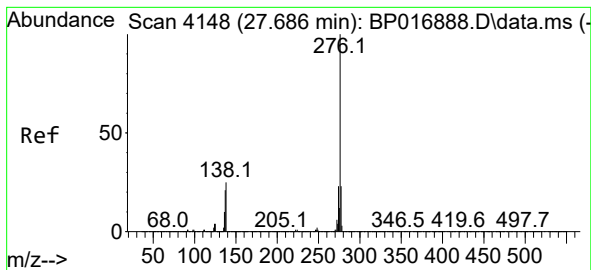
Delta R.T. 0.018 min

Lab File: BP016899.D

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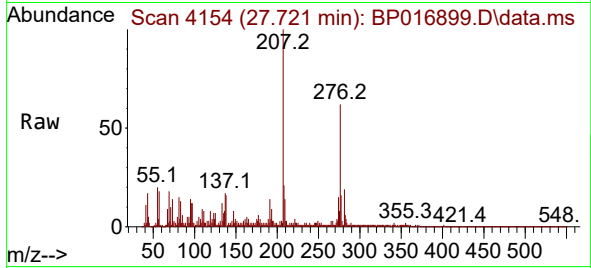
Tgt Ion:	278	Resp:	123946
Ion Ratio	Lower	Upper	
278	100		
139	36.6	15.0	22.6#
279	33.6	19.4	29.2#





#96
 Benzo(g,h,i)perylene
 Concen: 10.061 ng/ul
 RT: 27.721 min Scan# 4154
 Delta R.T. 0.036 min
 Lab File: BP016899.D
 Acq: 31 Aug 2023 15:52

Instrument :
 BNA_P
 ClientSampleId :
 EZYL2



Tgt Ion:	276	Resp:	58279
Ion Ratio	Lower	Upper	
276	100		
138	26.1	20.2	30.4
277	25.8	19.3	28.9

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