Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015812.D
Acq On : 29 Jun 2023 15:47
Operator : MA/JU
Sample : 03143-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFV3

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:40:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.057	152	238272	20.000 ng/ul	0.00
20) Naphthalene-d8	10.887	136	1042894	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.704	164	644259	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1377557	20.000 ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1035668	20.000 ng/ul	# 0.00
88) Perylene-d12	24.104	264	1048972	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.381	96	16552	2.499 ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000 ng/ul	
7) Phenol-d5	7.240	99	270815	13.284 ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	196285	15.562 ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	229927	14.941 ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	109424	6.794 ng/ul	0.02
21) Nitrobenzene-d5	9.257	128	103602	12.999 ng/ul	0.02
24) 2-Nitrophenol-d4	9.987	143	117496	12.631 ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	183826	11.090 ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	80655	3.788 ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	737653	14.813 ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	830875	14.843 ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	80328m	12.224 ng/ul	0.05
60) Fluorene-d10	15.710	176	641441	15.644 ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.875	200	65094m	7.684 ng/ul	0.02
73) Anthracene-d10	17.569	188	946803	15.047 ng/ul	0.00
81) Pyrene-d10	19.792	212	1153910	17.063 ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	834838	15.777 ng/ul	0.00
Target Compounds					Qvalue
80) Fluoranthene	19.469	202	235621	2.803 ng/ul#	90
82) Pyrene	19.822	202	198138	2.311 ng/ul#	92
85) Benzo(a)anthracene	21.539	228	96209	1.321 ng/ul	97
87) Chrysene	21.598	228	142192	2.057 ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	191020	2.834 ng/ul#	84
91) Benzo(k)fluoranthene	23.368	252	72562m	1.066 ng/ul	
93) Benzo(a)pyrene	23.986	252	106257	1.804 ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	26.809	276	105118	1.315 ng/ul#	94
96) Benzo(g,h,i)perylene	27.651	276	94322	1.434 ng/ul#	91

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

```
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Data File : BP015812.D
Acq On    : 29 Jun 2023  15:47
Operator  : MA/JU
Sample    : O3143-16
Misc      :
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Jun 29 23:40:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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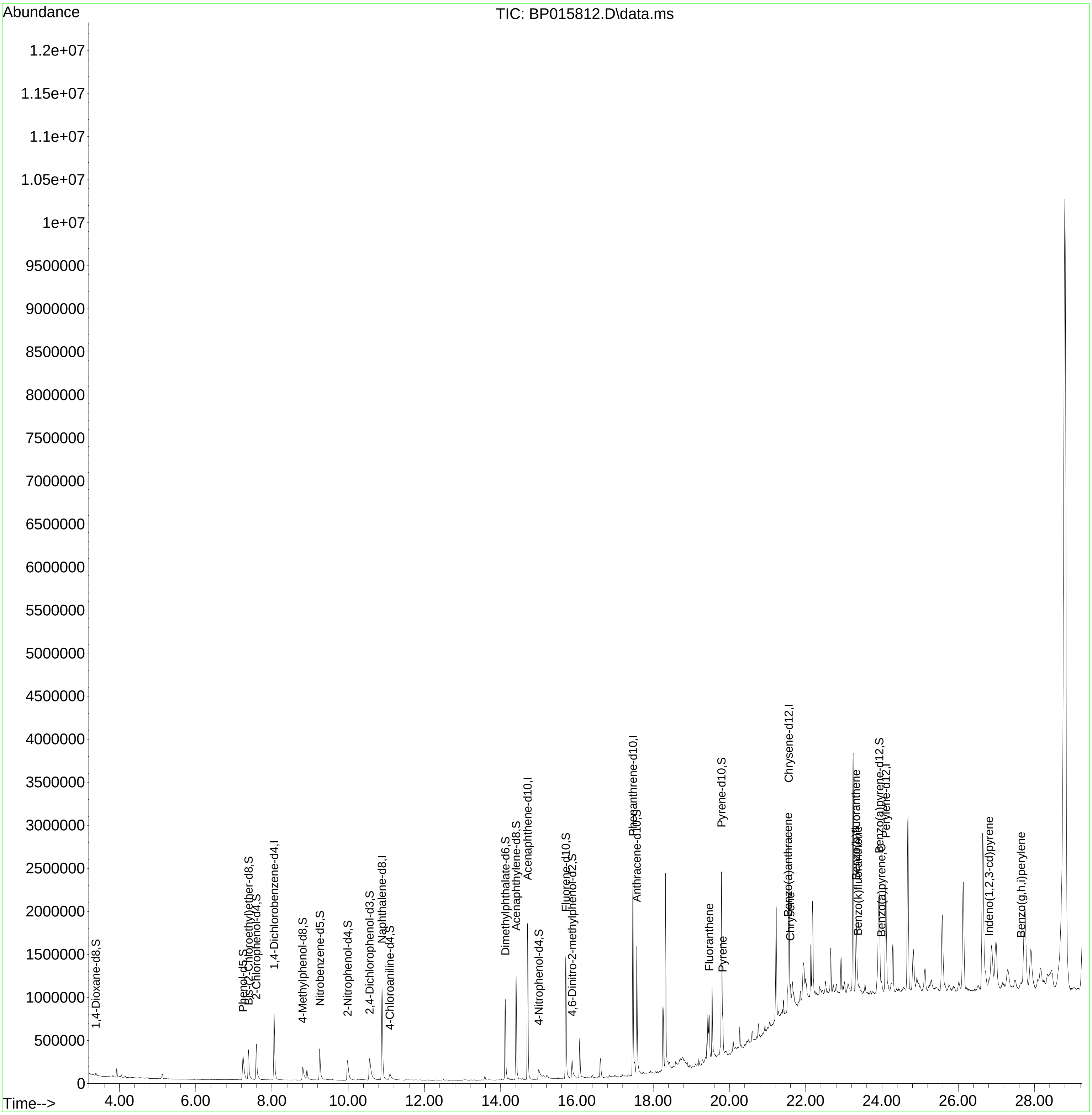
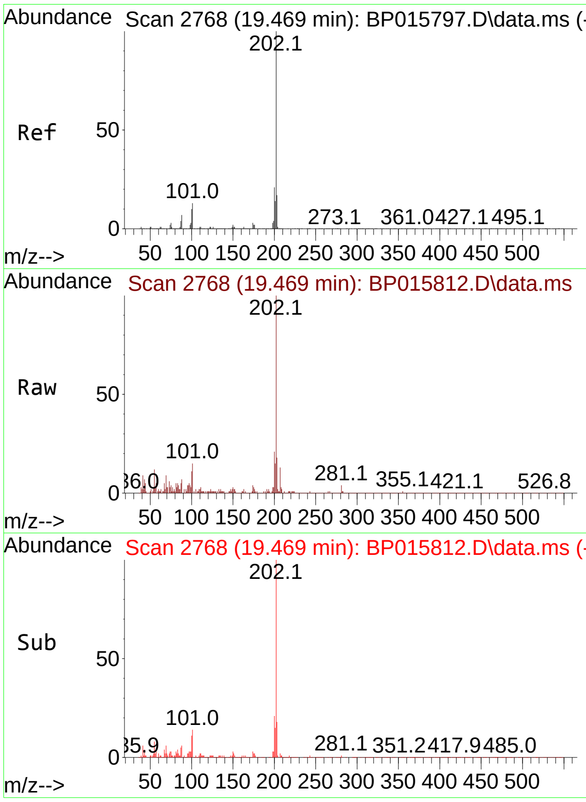
Instrument :
BNA_P
ClientSampleId :
DCFV3

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#80
Fluoranthene
Concen: 2.803 ng/ul
RT: 19.469 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Instrument :
BNA_P
ClientSampleId :
DCFV3

Tgt Ion:202 Resp: 23562

Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.3	12.5
100	11.1	6.6	9.8

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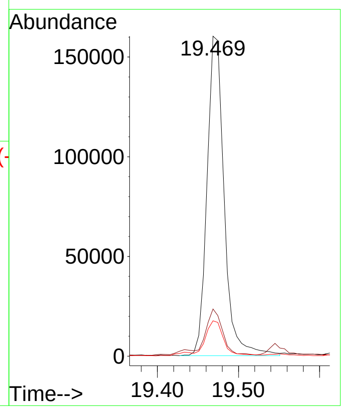
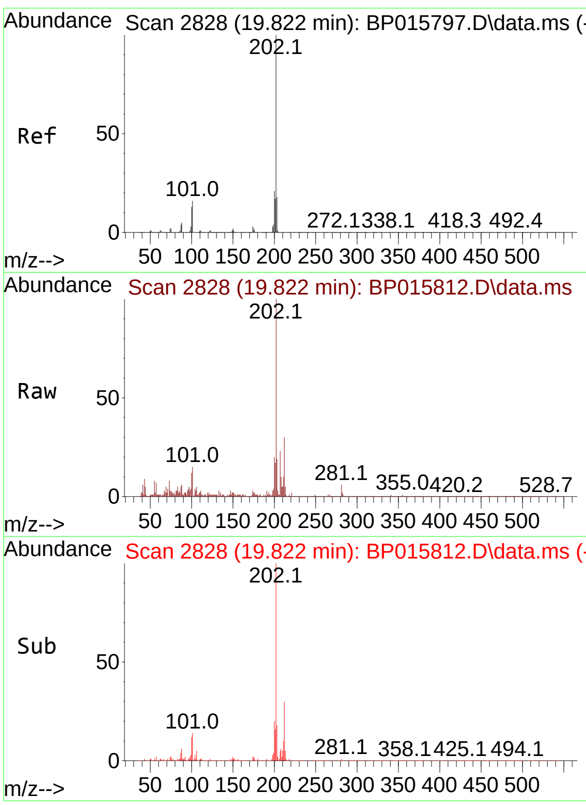
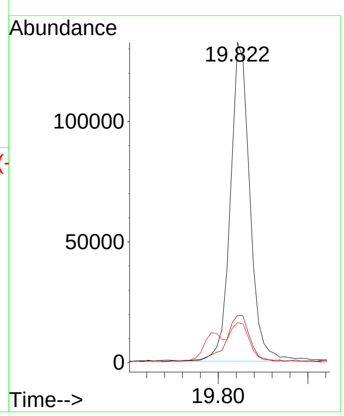


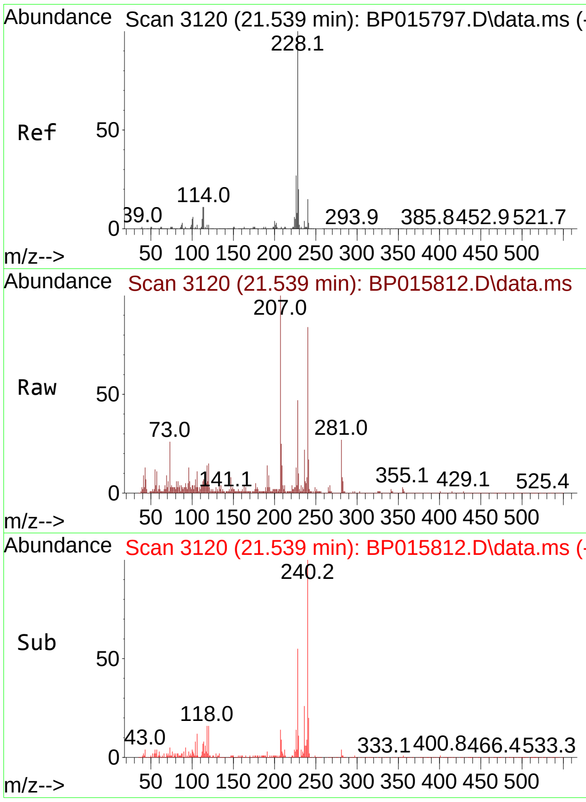


#82
Pyrene
Concen: 2.311 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:202 Resp: 198138

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.3	13.9#
100	12.5	7.6	11.4#





#85
Benzo(a)anthracene
Concen: 1.321 ng/ul
RT: 21.539 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Instrument :
BNA_P
ClientSampleId :
DCFV3

Tgt Ion:228 Resp: 9620

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.3	22.9
226	26.6	21.4	32.0

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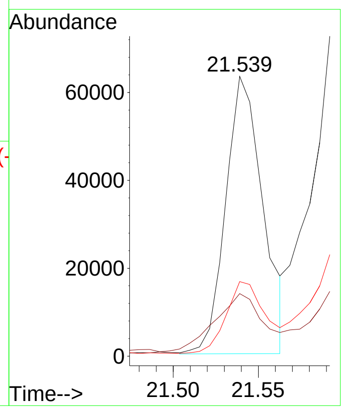
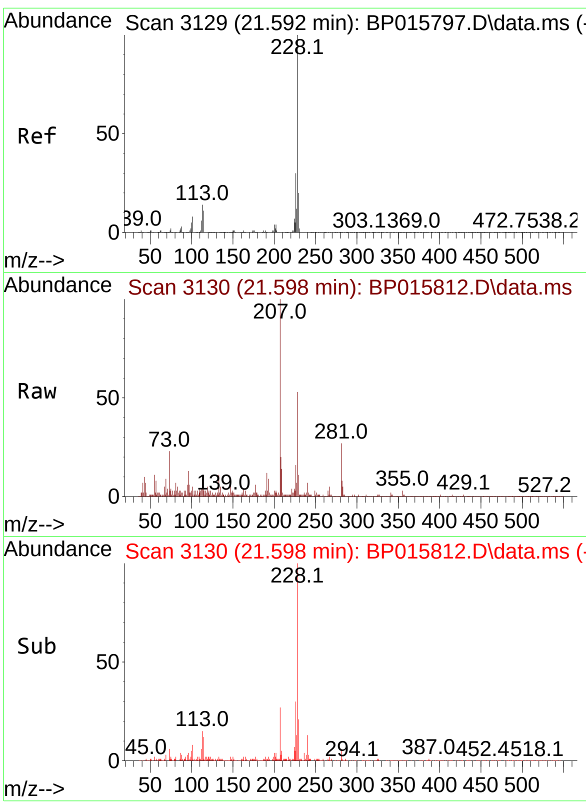
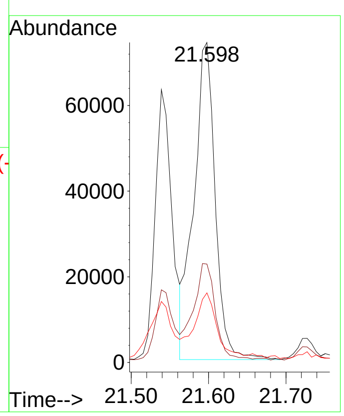


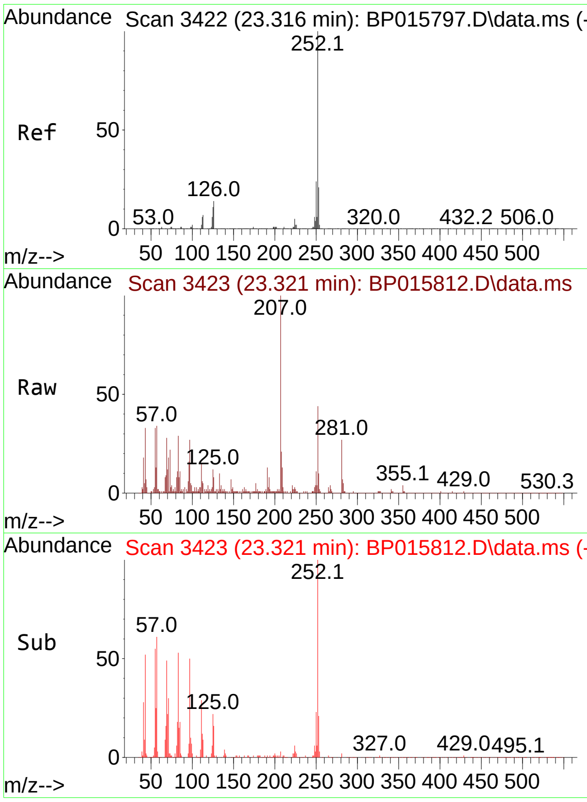


#87
Chrysene
Concen: 2.057 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:228 Resp: 142192

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	21.8	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 2.834 ng/ul
RT: 23.321 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:252 Resp: 19102

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	26.3	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
DCFV3

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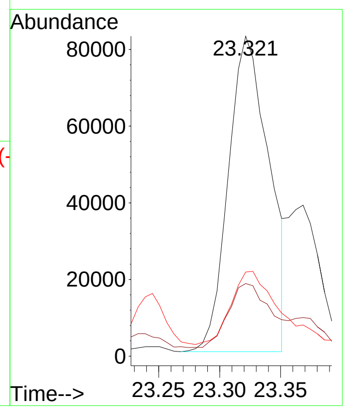
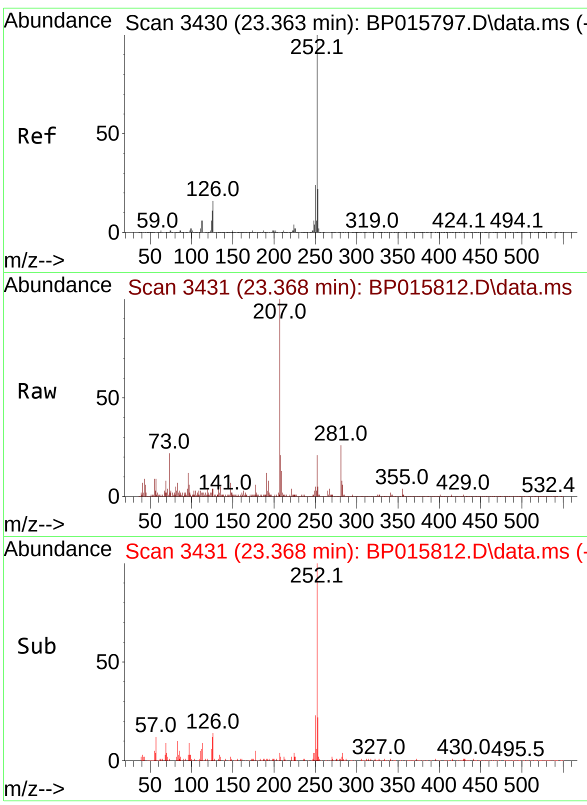
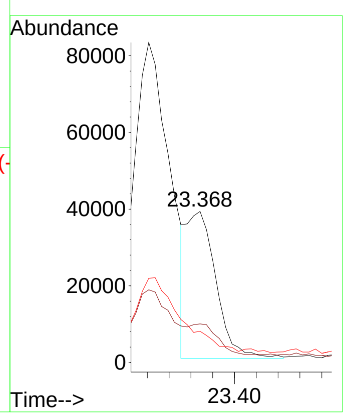


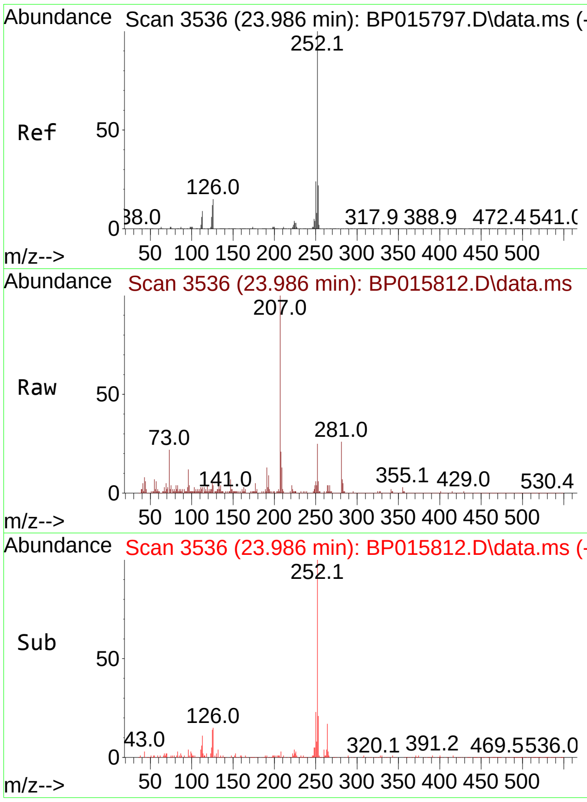


#91
Benzo(k)fluoranthene
Concen: 1.066 ng/ul m
RT: 23.368 min Scan# 3431
Delta R.T. -0.000 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:252 Resp: 72562

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.4#
125	20.6	7.3	10.9#





#93
Benzo(a)pyrene
Concen: 1.804 ng/ul
RT: 23.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Instrument :
BNA_P
ClientSampleId :
DCFV3

Tgt Ion:252 Resp: 10625

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	19.5	8.2	12.2#

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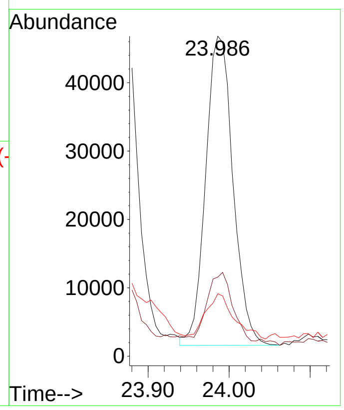
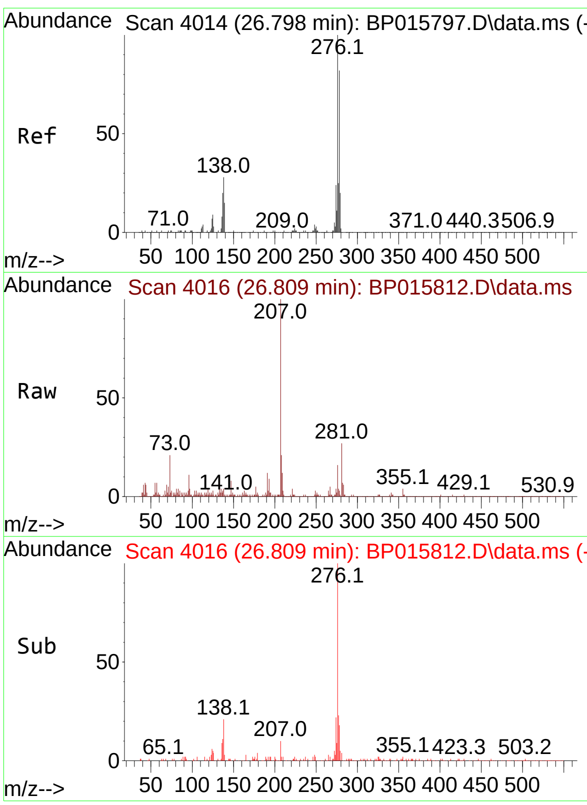
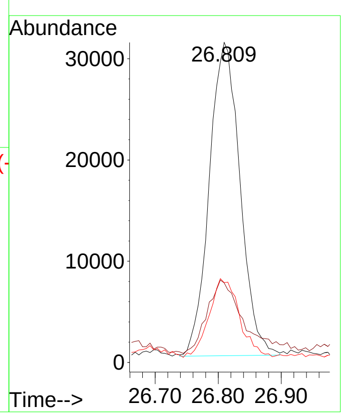


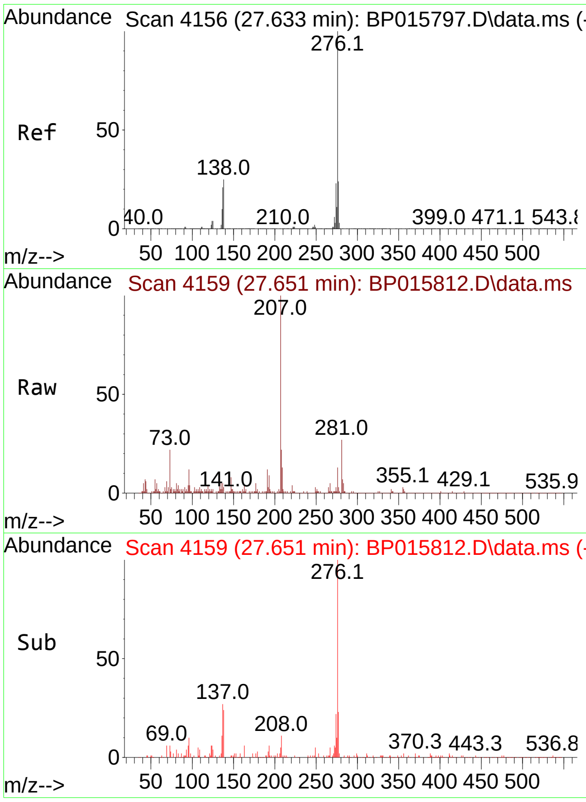


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.315 ng/ul
RT: 26.809 min Scan# 4016
Delta R.T. 0.012 min
Lab File: BP015812.D
Acq: 29 Jun 2023 15:47

Tgt Ion:276 Resp: 105118

Ion	Ratio	Lower	Upper
276	100		
138	24.9	15.7	23.5#
277	25.0	19.6	29.4






```
#96
Benzo(g,h,i)perylene
Concen:    1.434 ng/ul
RT:  27.651 min  Scan# 41
Delta R.T.  0.017 min
Lab File:   BP015812.D
Acq: 29 Jun 2023  15:47

Tgt Ion:276 Resp:   94322
Ion  Ratio  Lower  Upper
276  100
138   26.6   15.1   22.7#
277   24.7   18.8   28.2
```

Instrument :
BNA_P
ClientSampleId :
DCFV3

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