Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
Data File : BP015493.D
Acq On : 13 Jun 2023 13:19
Operator : MA/JU
Sample : 03078-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ESQX8

Quant Time: Jun 14 00:13:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	121841	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	576622	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	398314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	926071	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	886238	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	962670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	14136	4.296	ng/uL	0.00
4) Pyridine-d5	3.852	84	611	0.071	ng/ul	0.00
7) Phenol-d5	7.246	99	257015	22.897	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	169643	25.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	206933	25.427	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	195592	21.232	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	110638	24.439	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	126346	24.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	221953	23.535	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	162889	12.033	ng/ul	0.00
46) Dimethylphthalate-d6	14.140	166	843808	26.865	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	920399	26.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	73507	13.068	ng/ul	0.01
60) Fluorene-d10	15.728	176	725119	27.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	112019	19.094	ng/ul	0.00
73) Anthracene-d10	17.592	188	1142810	27.123	ng/ul	0.00
81) Pyrene-d10	19.810	212	1498677	31.596	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1405918	29.106	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.928	105	70878	4.821	ng/ul	97
80) Fluoranthene	19.486	202	102839	1.780	ng/ul	99
82) Pyrene	19.839	202	113049	1.891	ng/ul	100
85) Benzo(a)anthracene	21.557	228	68702	1.109	ng/ul	99
87) Chrysene	21.610	228	75773	1.294	ng/ul	97
90) Benzo(b)fluoranthene	23.339	252	136807	2.202	ng/ul#	95
91) Benzo(k)fluoranthene	23.339	252	136807	2.278	ng/ul#	96
93) Benzo(a)pyrene	24.010	252	83906	1.549	ng/ul#	94

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

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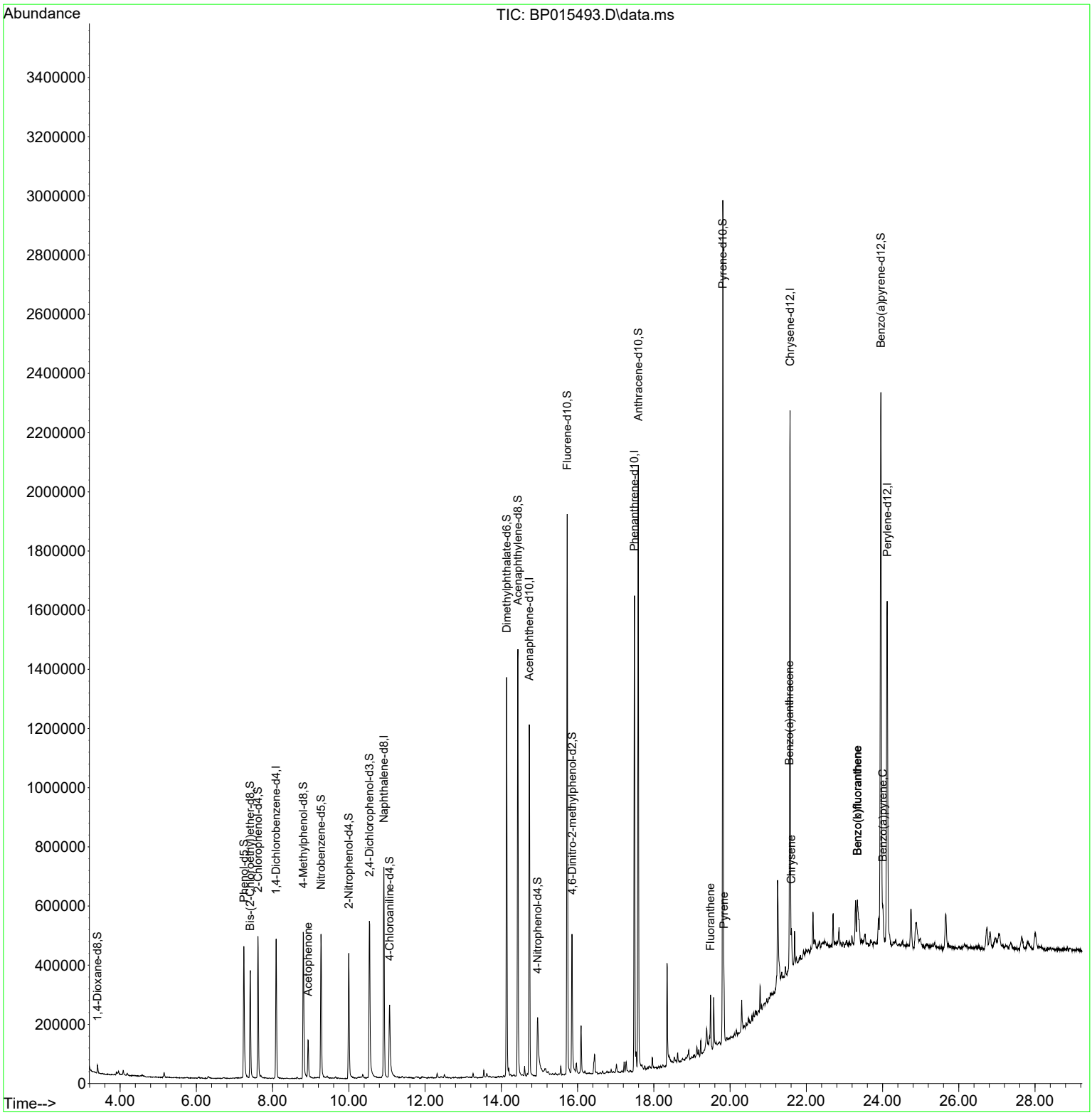
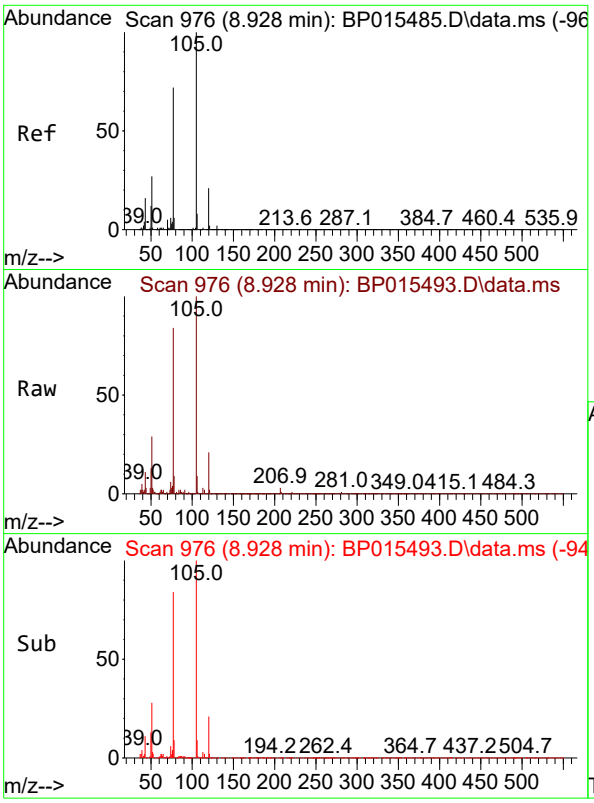


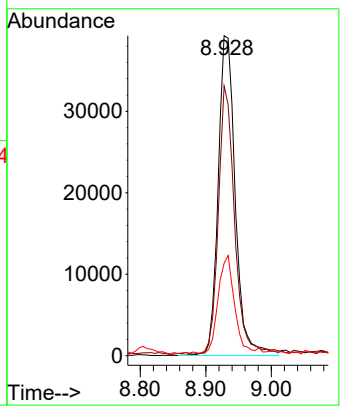


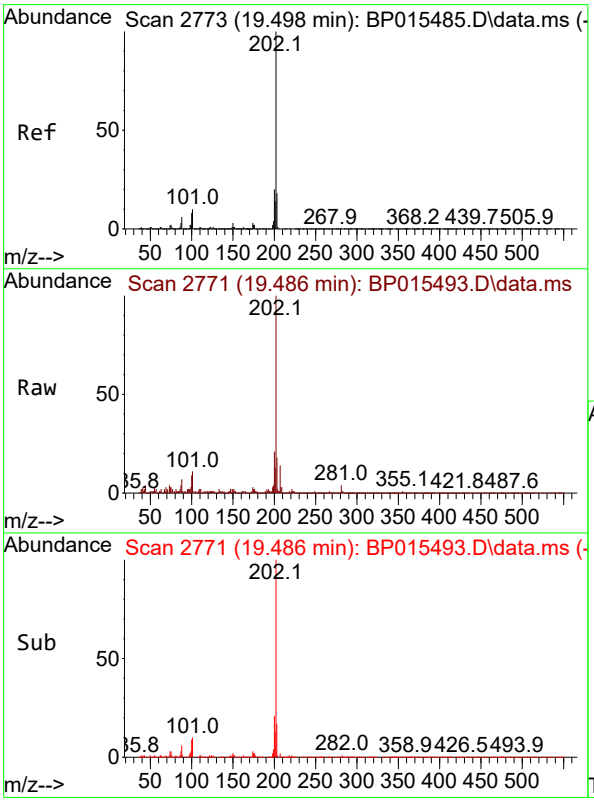
#16
Acetophenone
Concen: 4.821 ng/ul
RT: 8.928 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Instrument :
BNA_P
ClientSampleId :
ESQX8

Tgt Ion:105 Resp: 70878

Ion	Ratio	Lower	Upper
105	100		
77	84.2	64.9	97.3
51	28.8	23.5	35.3

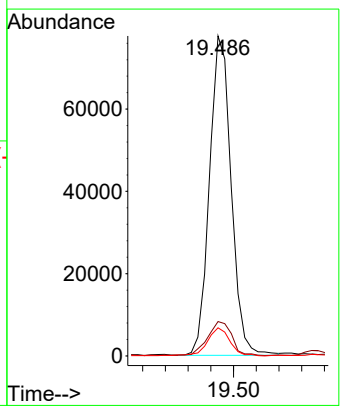


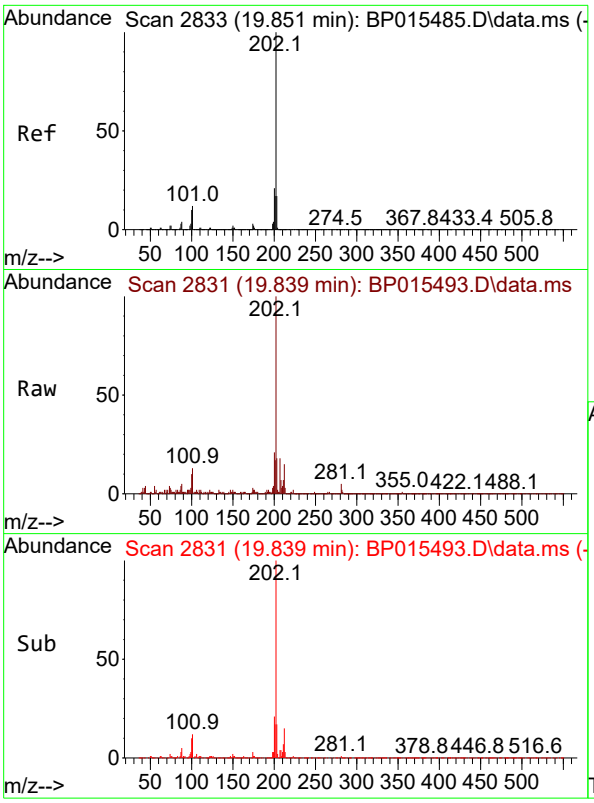


#80
Fluoranthene
Concen: 1.780 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.006 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Tgt Ion:202 Resp: 102839

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	13.0
100	8.8	6.6	9.8



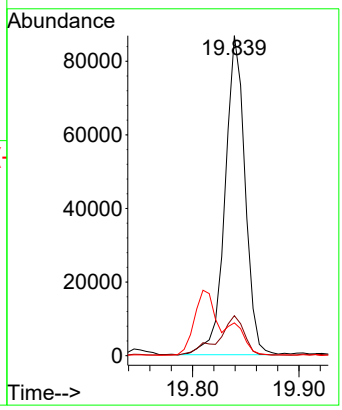


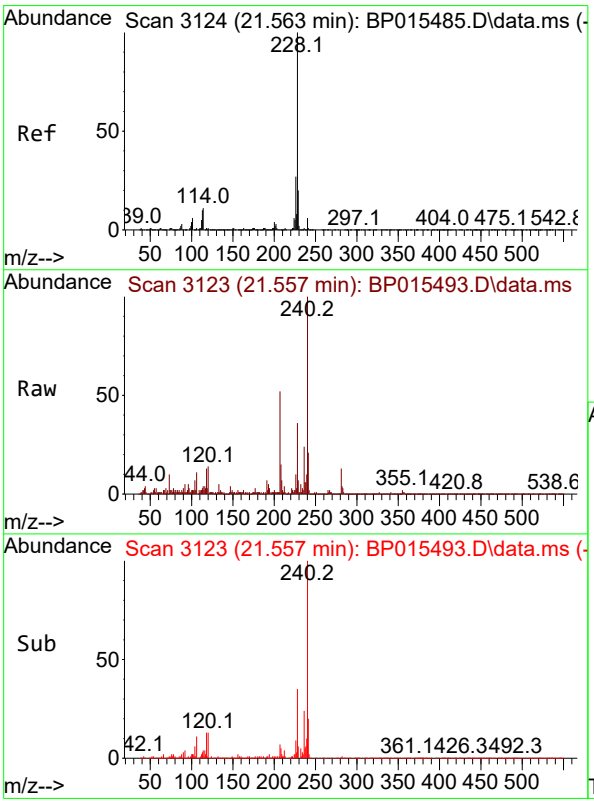
#82
Pyrene
Concen: 1.891 ng/ul
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Instrument :
BNA_P
ClientSampleId :
ESQX8

Tgt Ion:202 Resp: 113049

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
100	10.3	8.4	12.6

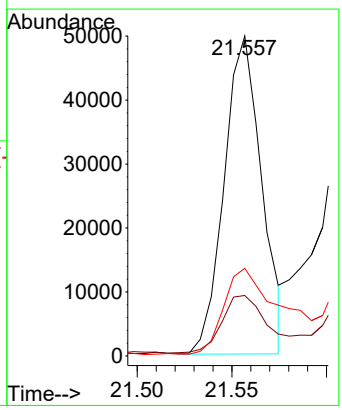


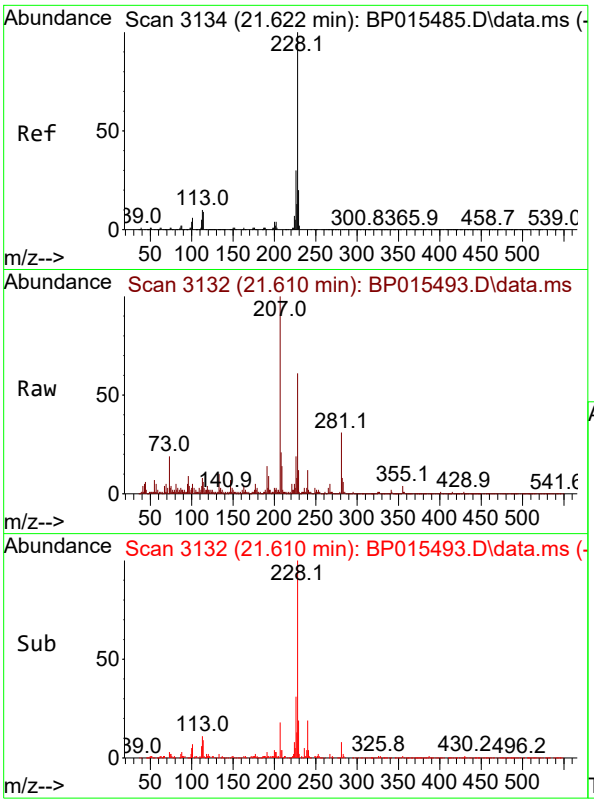


#85
Benzo(a)anthracene
Concen: 1.109 ng/ul
RT: 21.557 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Tgt Ion:228 Resp: 68702

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.8	23.6
226	27.4	21.8	32.6



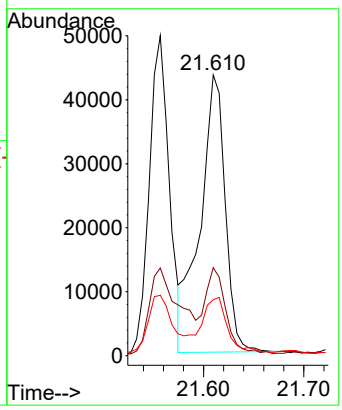


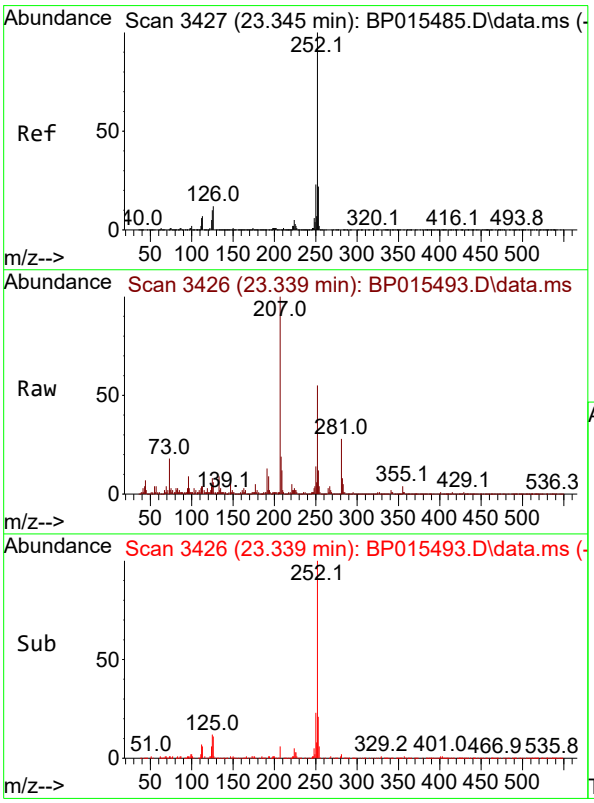
#87
Chrysene
Concen: 1.294 ng/ul
RT: 21.610 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Instrument :
BNA_P
ClientSampleId :
ESQX8

Tgt Ion:228 Resp: 75773

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	19.9	15.1	22.7

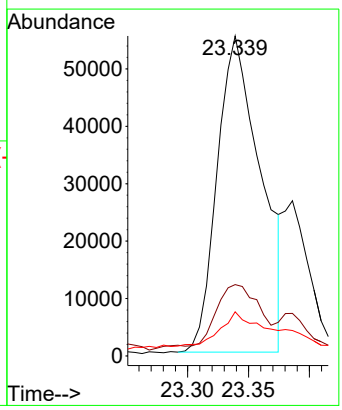


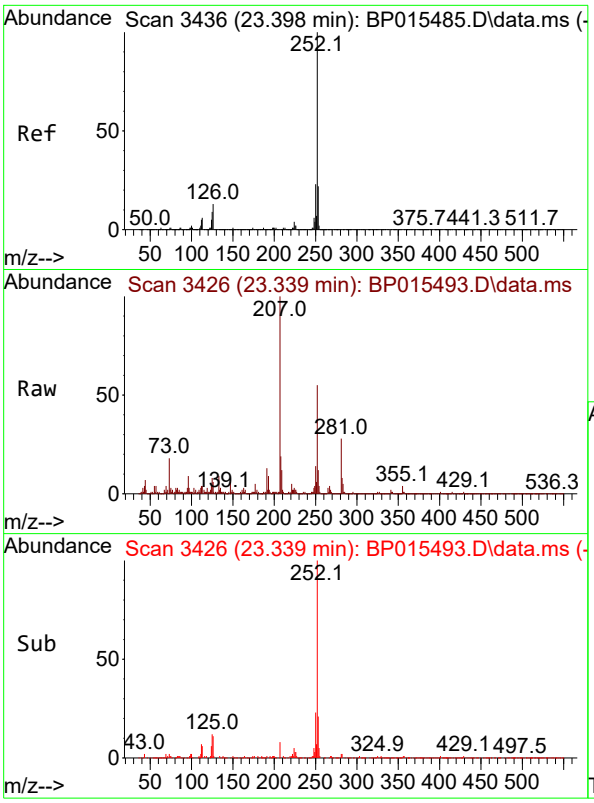


#90
Benzo(b)fluoranthene
Concen: 2.202 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. -0.000 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Tgt Ion:252 Resp: 136807

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.8	7.3	10.9#



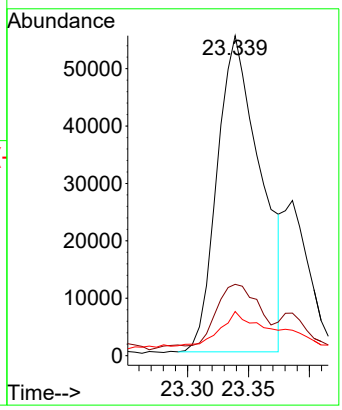


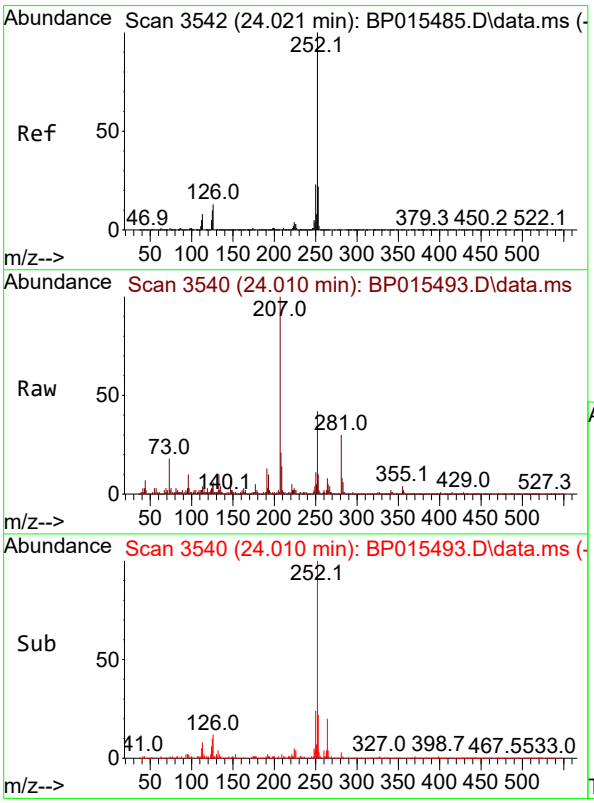
#91
Benzo(k)fluoranthene
Concen: 2.278 ng/ul
RT: 23.339 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Instrument :
BNA_P
ClientSampleId :
ESQX8

Tgt Ion:252 Resp: 136807

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	13.8	7.3	10.9#





#93
Benzo(a)pyrene
Concen: 1.549 ng/ul
RT: 24.010 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BP015493.D
Acq: 13 Jun 2023 13:19

Tgt Ion:252 Resp: 83906

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	12.6	8.1	12.1#