Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043369.D
Acq On : 15 Dec 2023 22:00
Operator : MA/JU
Sample : 05794-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRF8

Quant Time: Dec 15 22:42:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	385839	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1694010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	905522	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	1595827	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1137847	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	1272351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	23786	2.004	ng/uL	0.00
4) Pyridine-d5	3.822	84	47600	1.393	ng/ul	0.02
7) Phenol-d5	7.151	99	436676	9.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	306035	11.009	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	343640	10.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	266682	7.830	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	174923	10.673	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	173005	10.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	301518	10.086	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	286837	6.522	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	926758	11.369	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1119610	11.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	101318	6.567	ng/ul	0.00
60) Fluorene-d10	15.610	176	808471	11.994	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	64108	6.074	ng/ul	0.00
73) Anthracene-d10	17.462	188	1069159	11.946	ng/ul	0.00
81) Pyrene-d10	19.751	212	1096556	12.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	979961	12.481	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.181	94	45903	1.063	ng/ul	99
16) Acetophenone	8.828	105	217216	4.166	ng/ul	99
72) Phenanthrene	17.404	178	573100	5.299	ng/ul	99
74) Anthracene	17.498	178	111110	1.018	ng/ul	99
80) Fluoranthene	19.415	202	529015	4.755	ng/ul	99
82) Pyrene	19.774	202	627129	5.484	ng/ul	97
85) Benzo(a)anthracene	21.521	228	248737	2.614	ng/ul	98
87) Chrysene	21.574	228	232113	2.712	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252	259061	2.657	ng/ul#	93
91) Benzo(k)fluoranthene	23.221	252	259061	2.724	ng/ul#	93
93) Benzo(a)pyrene	23.850	252	195423	2.197	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.474	276	120813	1.137	ng/ul	98
96) Benzo(g,h,i)perylene	27.244	276	83353	1.001	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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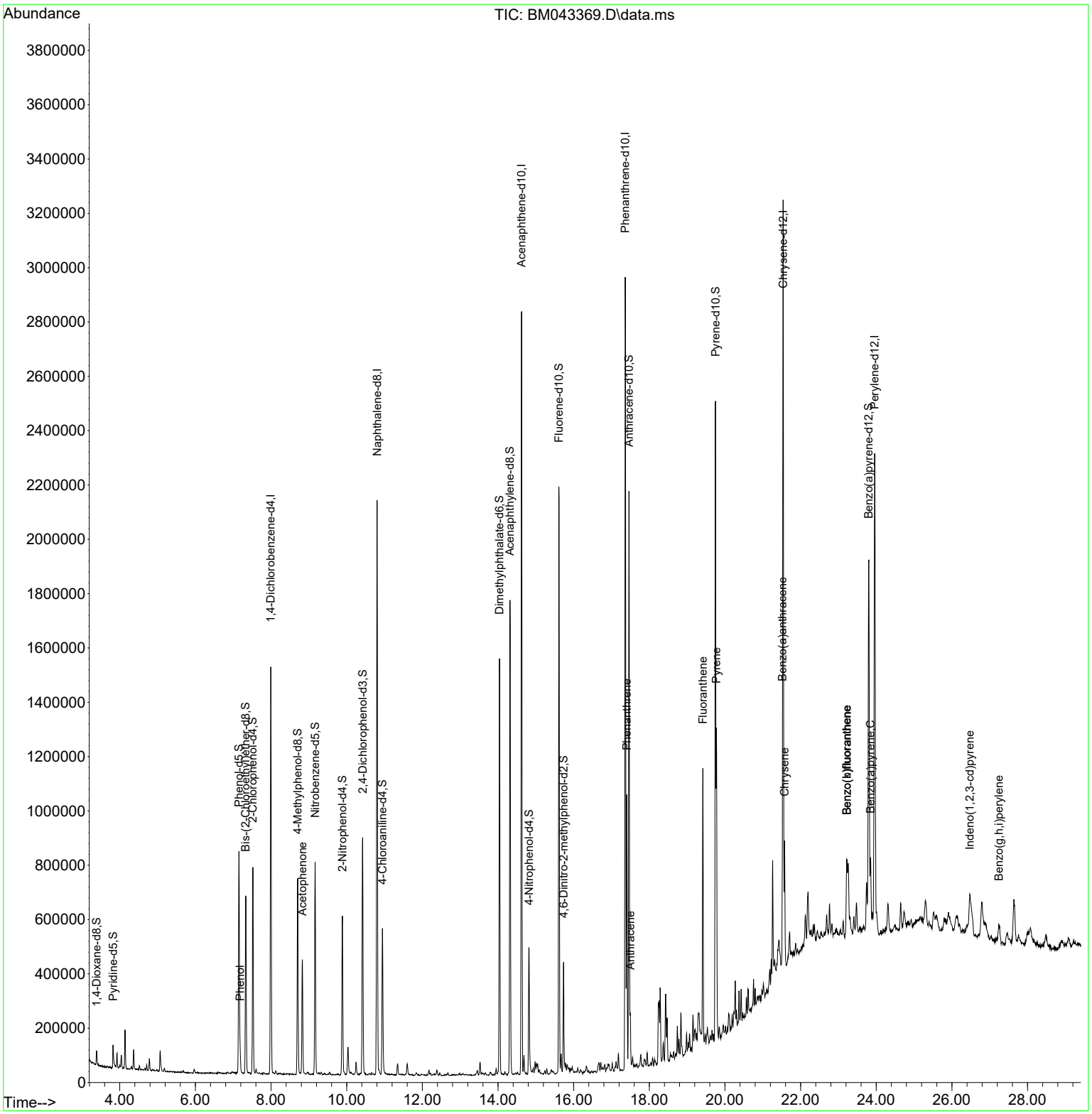
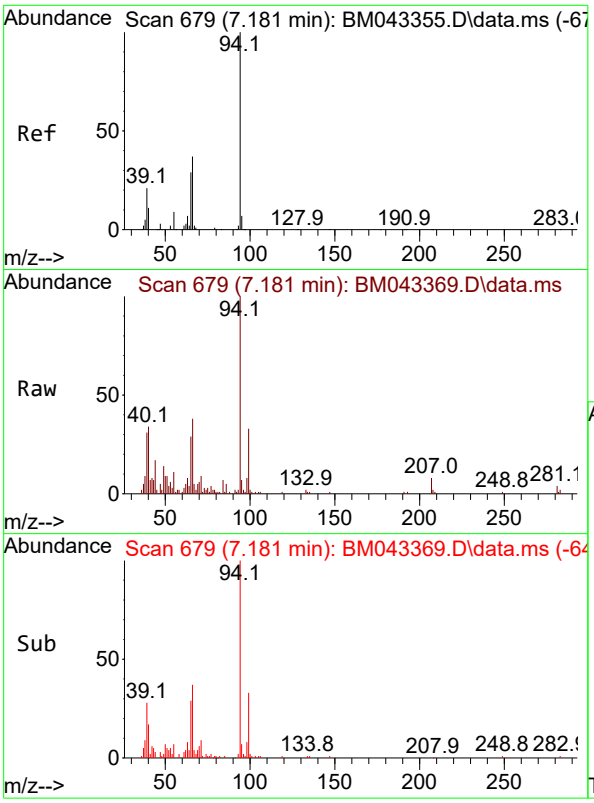


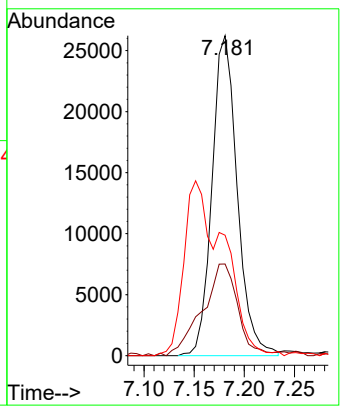


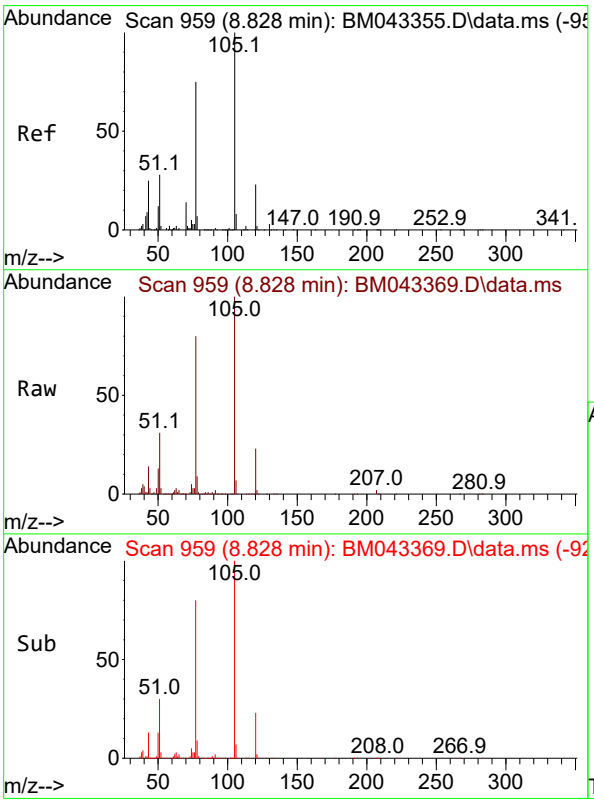
#8
Phenol
Concen: 1.063 ng/ul
RT: 7.181 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion: 94 Resp: 45903

Ion	Ratio	Lower	Upper
94	100		
65	28.6	23.7	35.5
66	37.7	30.2	45.4

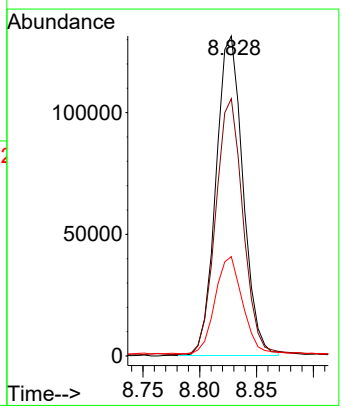


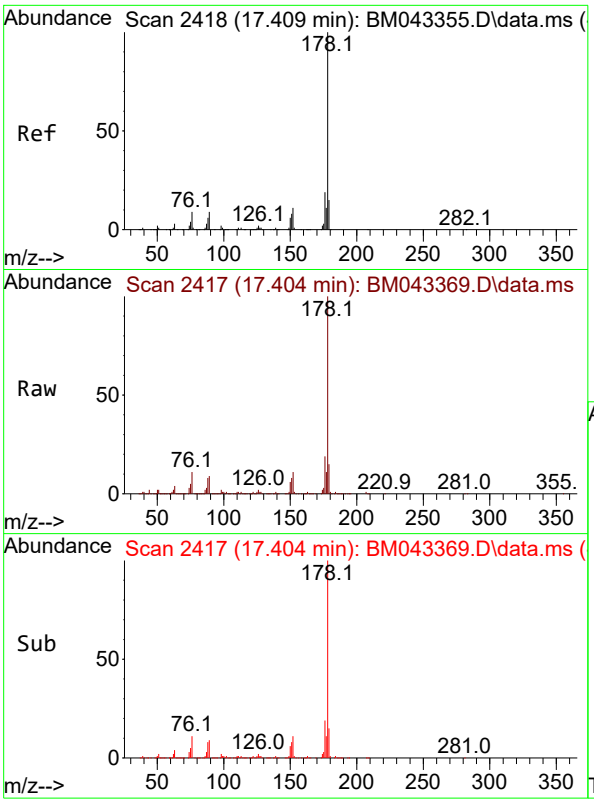


#16
Acetophenone
Concen: 4.166 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:105 Resp: 217216

Ion	Ratio	Lower	Upper
105	100		
77	80.4	65.1	97.7
51	31.0	24.3	36.5



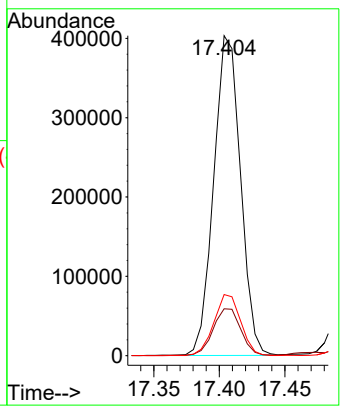


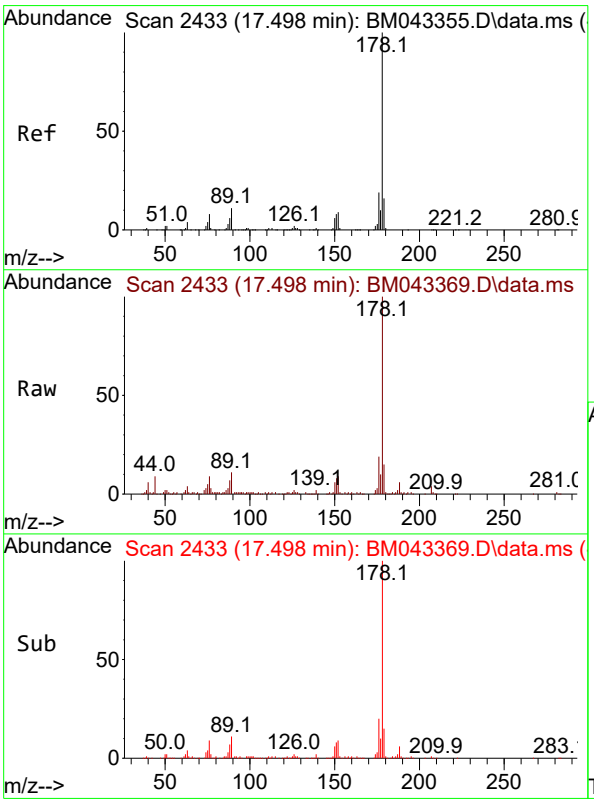
#72
Phenanthrene
Concen: 5.299 ng/ul
RT: 17.404 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion:178 Resp: 573100

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.2	18.4
176	19.1	15.5	23.3

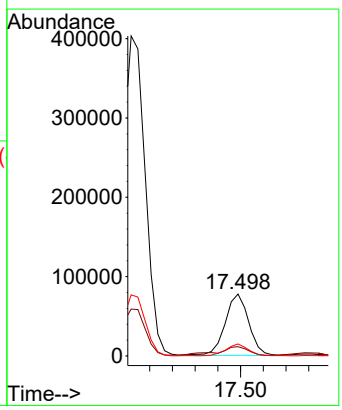


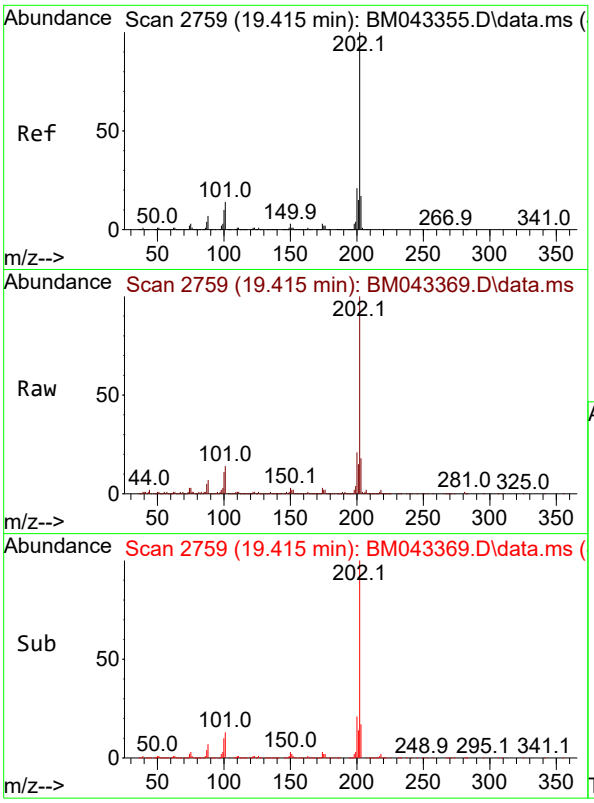


#74
Anthracene
Concen: 1.018 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:178 Resp: 111110

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.5	15.2	22.8



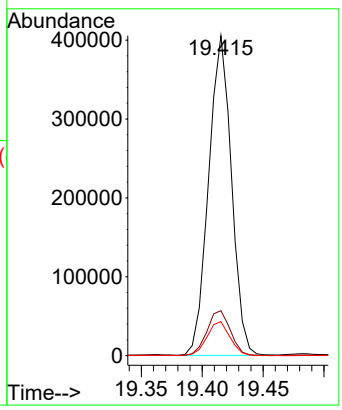


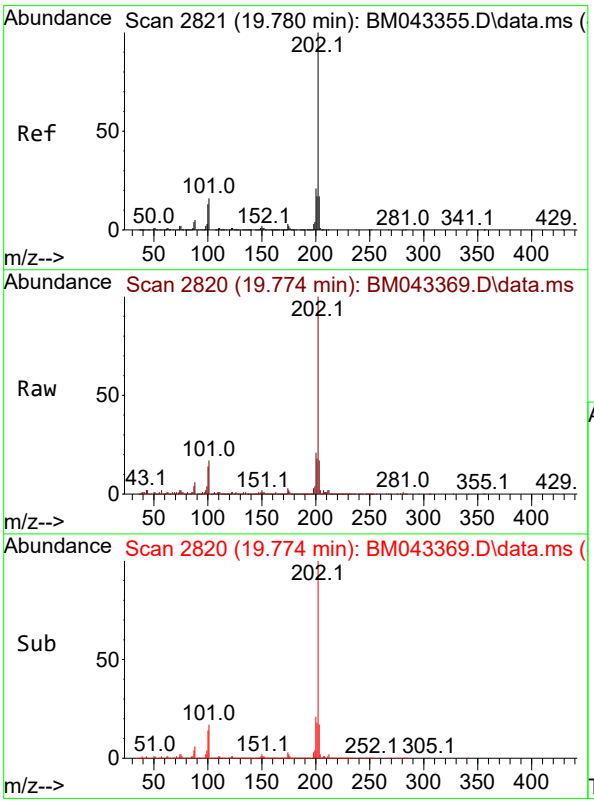
#80
Fluoranthene
Concen: 4.755 ng/ul
RT: 19.415 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion:202 Resp: 529015

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.4	17.0
100	10.6	8.2	12.4

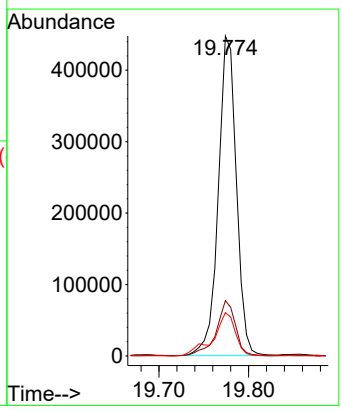


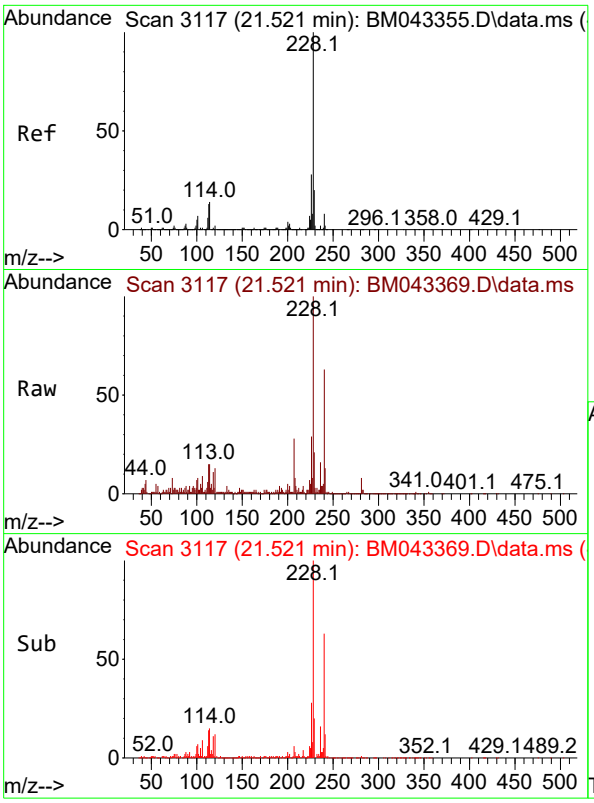


#82
Pyrene
Concen: 5.484 ng/ul
RT: 19.774 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:202 Resp: 627129

Ion	Ratio	Lower	Upper
202	100		
101	17.3	12.7	19.1
100	13.6	10.1	15.1



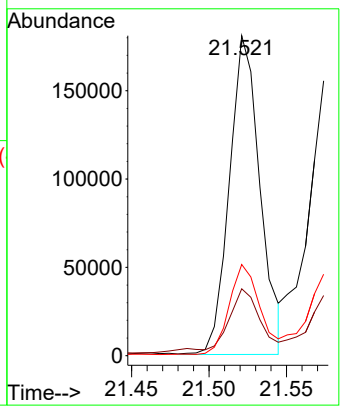


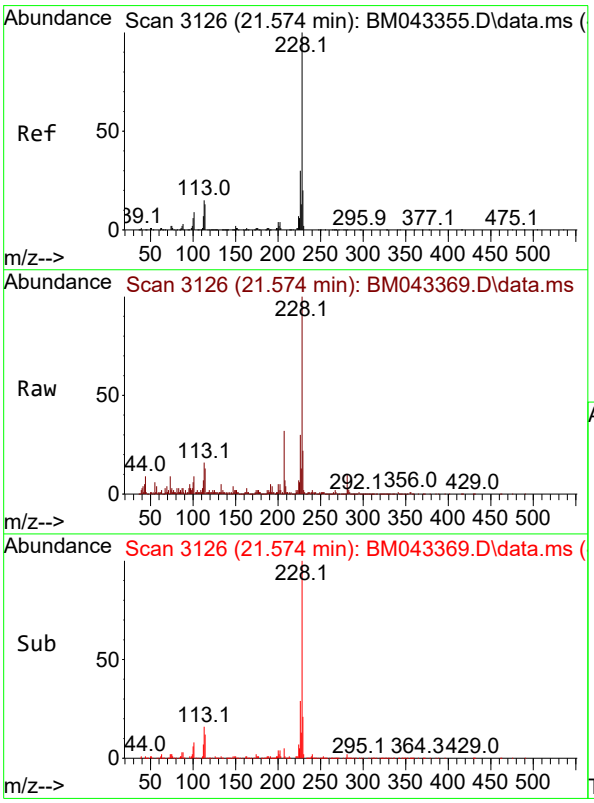
#85
Benzo(a)anthracene
Concen: 2.614 ng/ul
RT: 21.521 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion:228 Resp: 248737

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.5	22.2	33.2

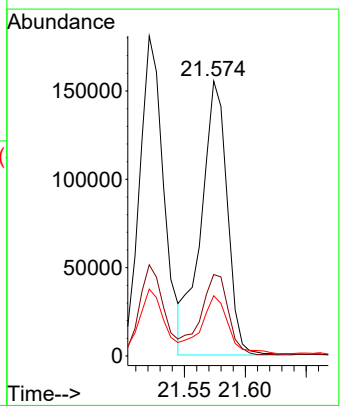


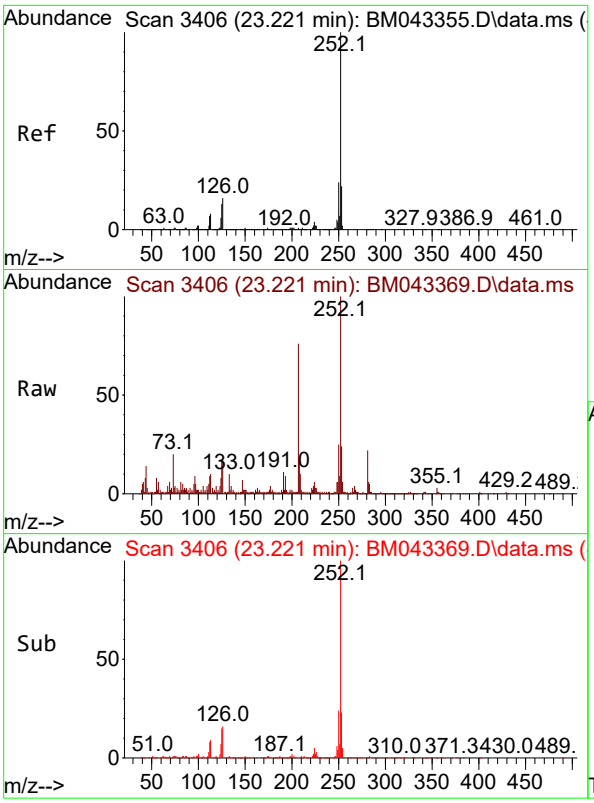


#87
Chrysene
Concen: 2.712 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:228 Resp: 232113

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	21.9	15.9	23.9



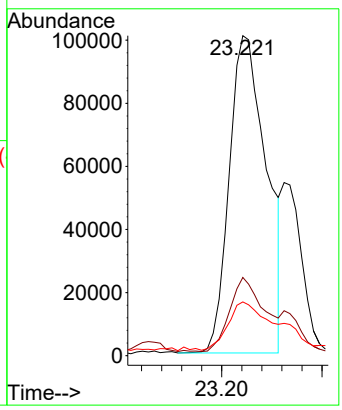


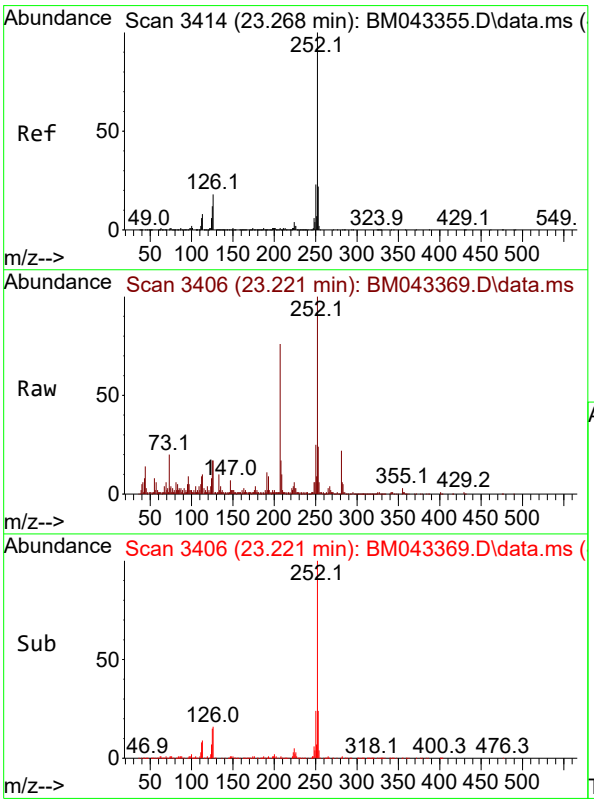
#90
Benzo(b)fluoranthene
Concen: 2.657 ng/ul
RT: 23.221 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion:252 Resp: 259061

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	16.8	10.4	15.6#

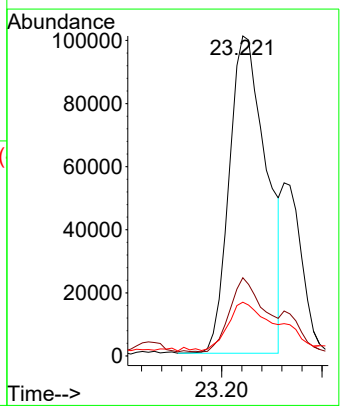


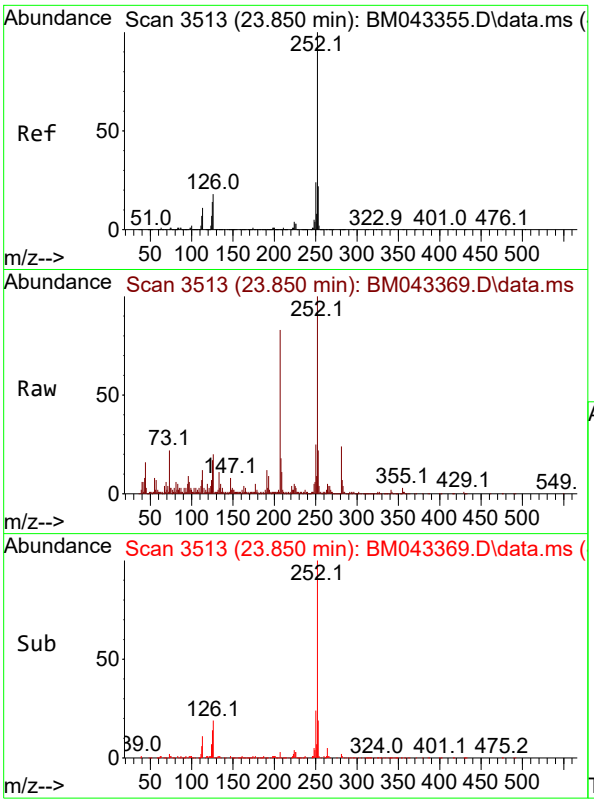


#91
Benzo(k)fluoranthene
Concen: 2.724 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. -0.047 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:252 Resp: 259061

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	16.8	10.2	15.4#



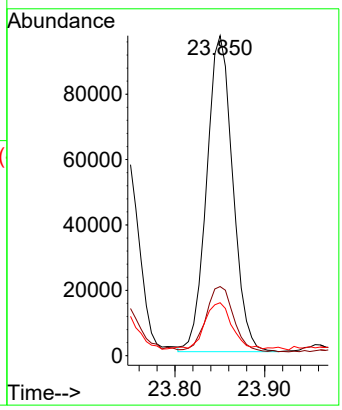


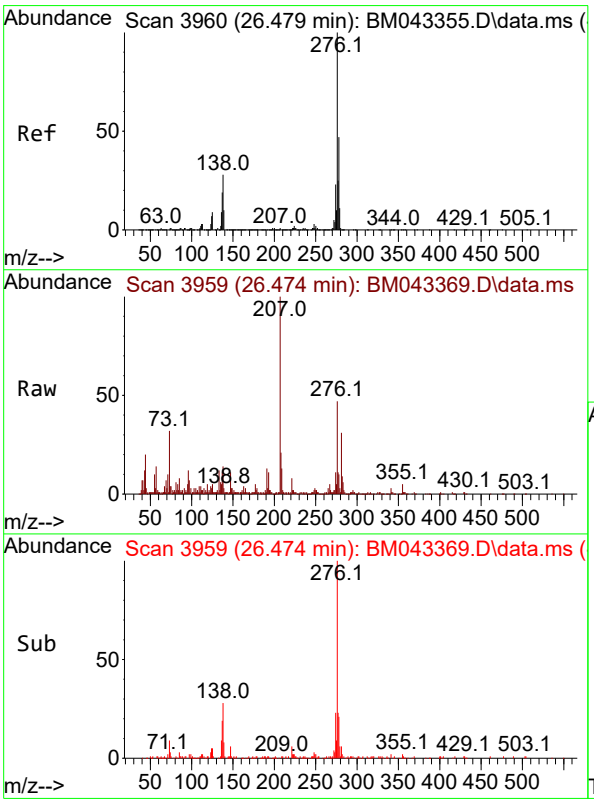
#93
Benzo(a)pyrene
Concen: 2.197 ng/ul
RT: 23.850 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion:252 Resp: 195423

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	16.5	11.4	17.2

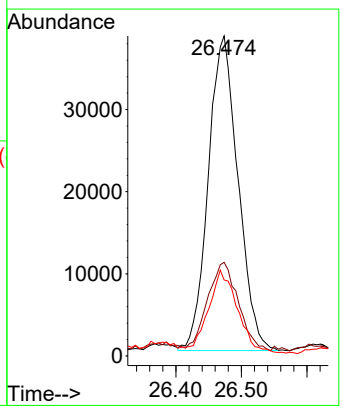


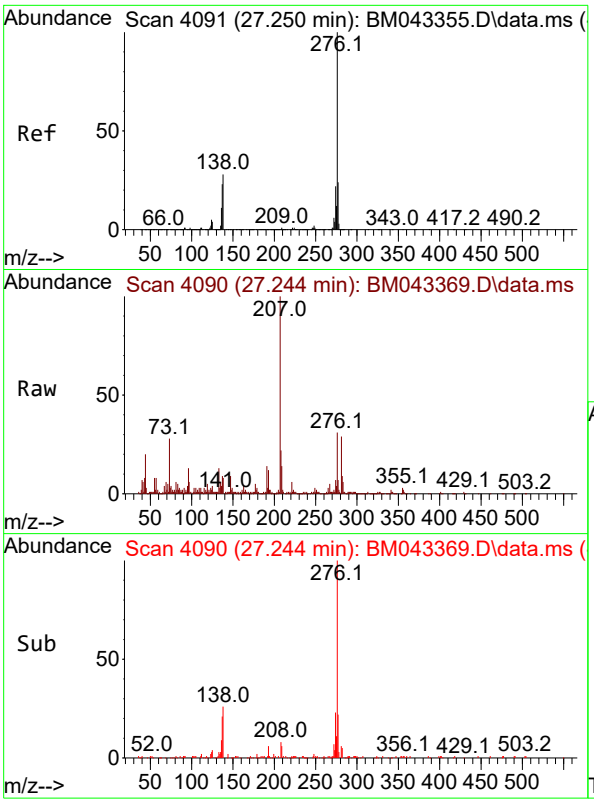


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.137 ng/ul
RT: 26.474 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:276 Resp: 120813

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.6	34.0
277	23.7	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 1.001 ng/ul
RT: 27.244 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BGRF8

Tgt Ion:276 Resp: 83353

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.4	33.6
277	23.0	19.1	28.7