Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038174.D
Acq On : 21 Dec 2022 16:25
Operator : CG/JU
Sample : N6014-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 21 23:32:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	214530	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	900238	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.669	164	534277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	1064120	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.580	240	739766	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	776361	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	19008	4.023	ng/uL	0.00
4) Pyridine-d5	3.828	84	312427	22.291	ng/ul	0.00
7) Phenol-d5	7.204	99	581718	33.369	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	279796	26.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	495419	34.643	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	494492	36.339	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	250093	35.087	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	299960	40.158	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	582942	41.088	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	606749	30.982	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1653719	43.416	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1920683	41.258	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	245636	37.839	ng/ul	0.00
60) Fluorene-d10	15.657	176	1446199	42.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	129940	22.840	ng/ul	0.00
73) Anthracene-d10	17.510	188	2090116	42.085	ng/ul	0.00
81) Pyrene-d10	19.792	212	2075724	46.711	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1631581	42.075	ng/ul	0.00
Target Compounds						Qvalue
17) N-Nitroso-di-n-propyla...	8.757	70	11433	1.134	ng/ul#	1
80) Fluoranthene	19.456	202	68886	1.313	ng/ul	98
82) Pyrene	19.821	202	211469	3.874	ng/ul	96
85) Benzo(a)anthracene	21.562	228	99492	1.998	ng/ul	98
87) Chrysene	21.615	228	59500	1.273	ng/ul	96
90) Benzo(b)fluoranthene	23.280	252	227323	4.723	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	227323	4.873	ng/ul	98
93) Benzo(a)pyrene	23.921	252	79816	1.886	ng/ul	96

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

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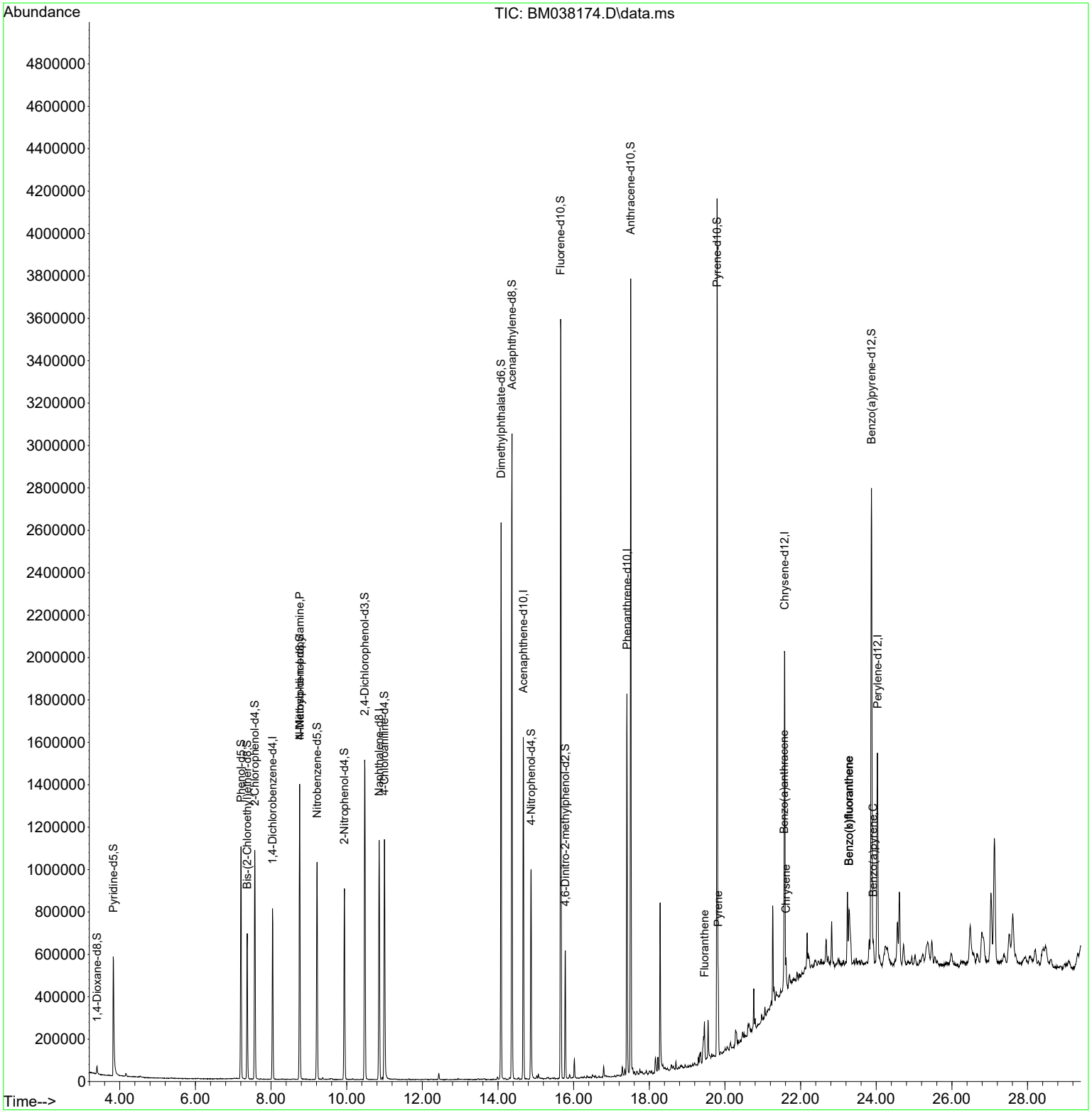
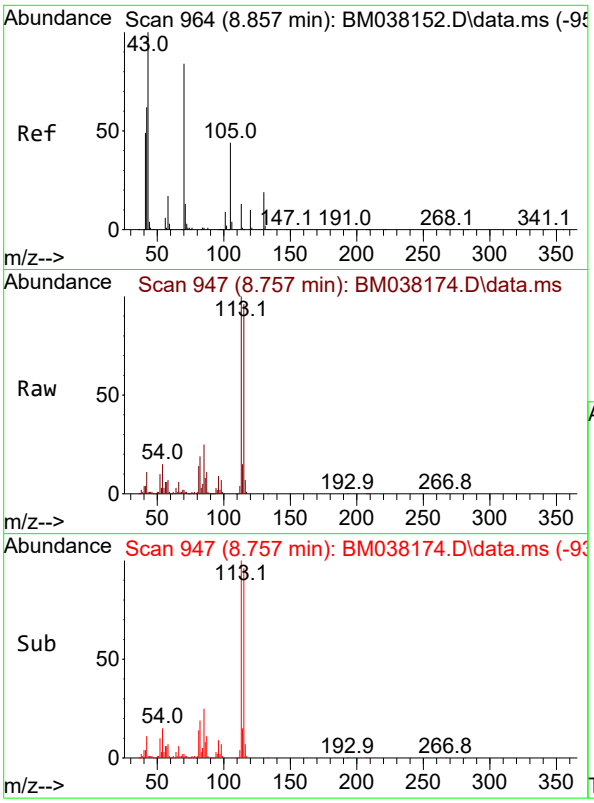


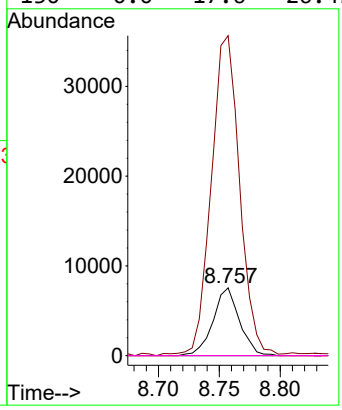


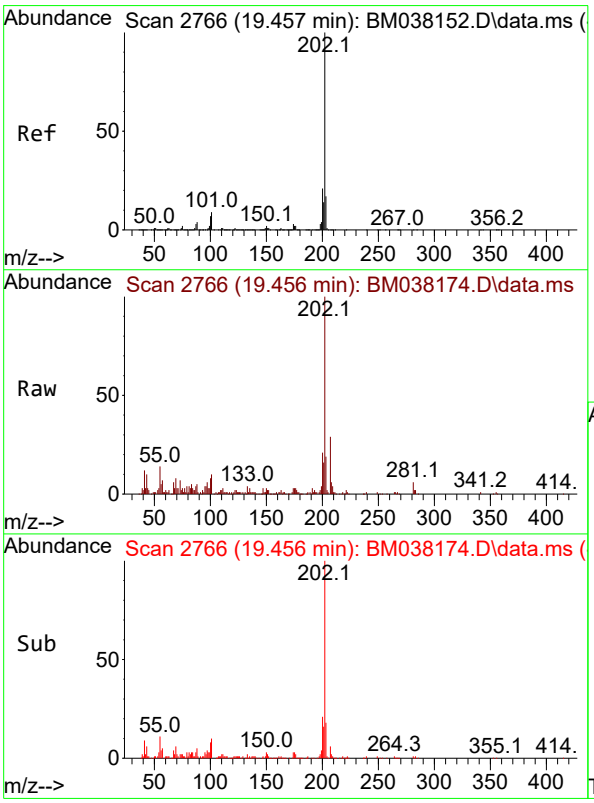
#17
N-Nitroso-di-n-propylamine
Concen: 1.134 ng/ul
RT: 8.757 min Scan# 94
Delta R.T. -0.100 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 11433

Ion	Ratio	Lower	Upper
70	100		
42	471.4	62.3	93.5#
101	0.0	8.0	12.0#
130	0.0	17.6	26.4#

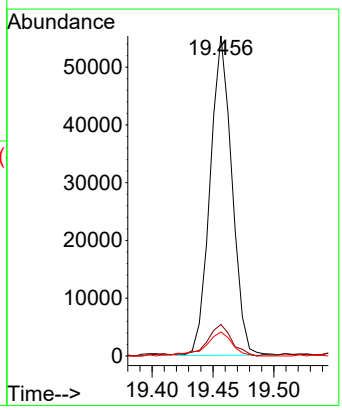


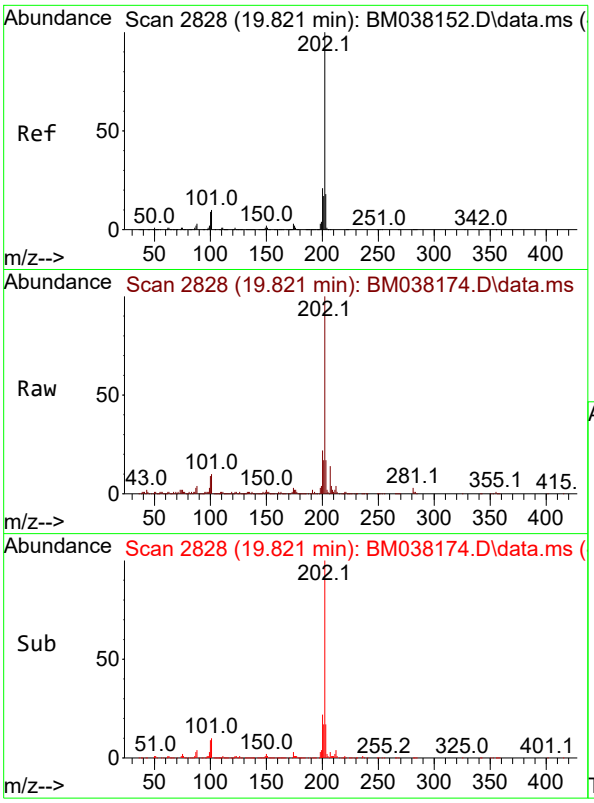


#80
Fluoranthene
Concen: 1.313 ng/ul
RT: 19.456 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Tgt Ion:202 Resp: 68886

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.6	13.0
100	7.5	6.6	10.0



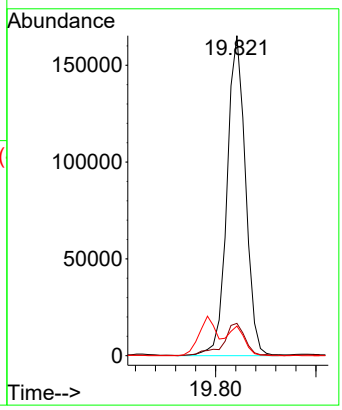


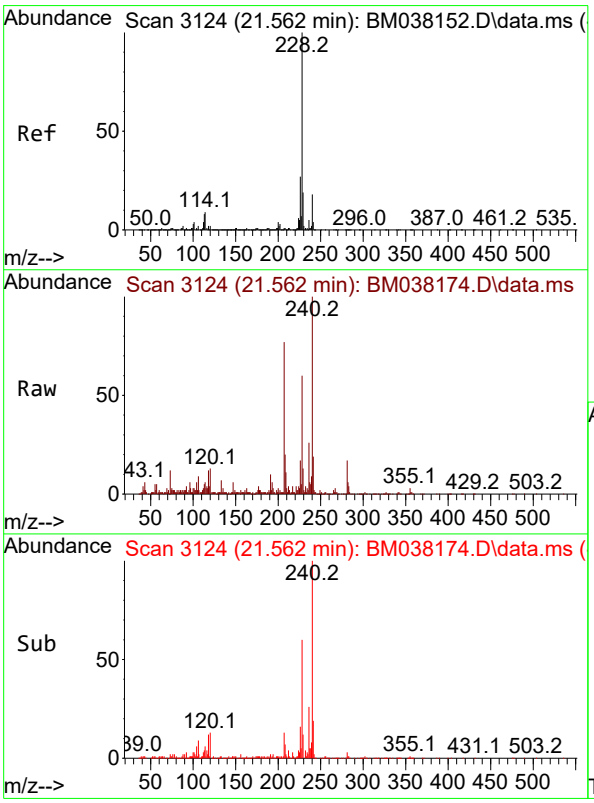
#82
Pyrene
Concen: 3.874 ng/ul
RT: 19.821 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 211469

Ion	Ratio	Lower	Upper
202	100		
101	10.1	10.0	15.0
100	9.3	7.9	11.9

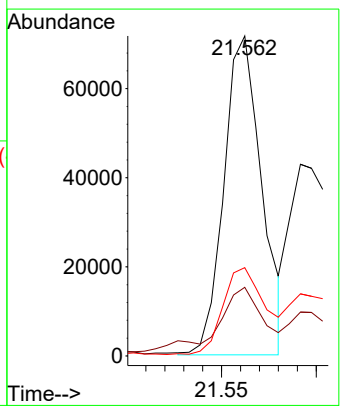


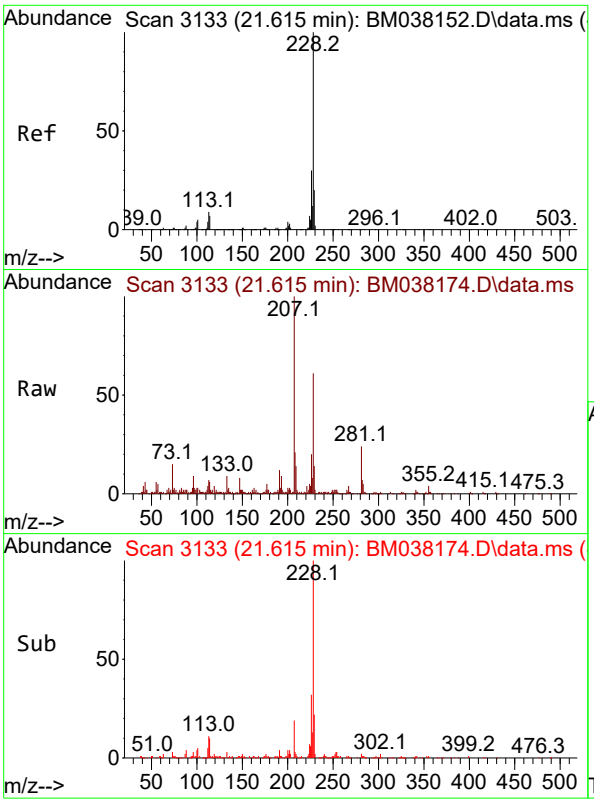


#85
Benzo(a)anthracene
Concen: 1.998 ng/ul
RT: 21.562 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Tgt Ion:228 Resp: 99492

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.5	23.3
226	27.6	21.8	32.8



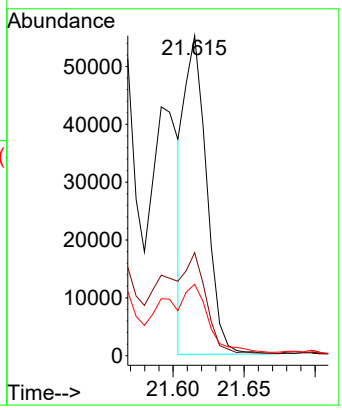


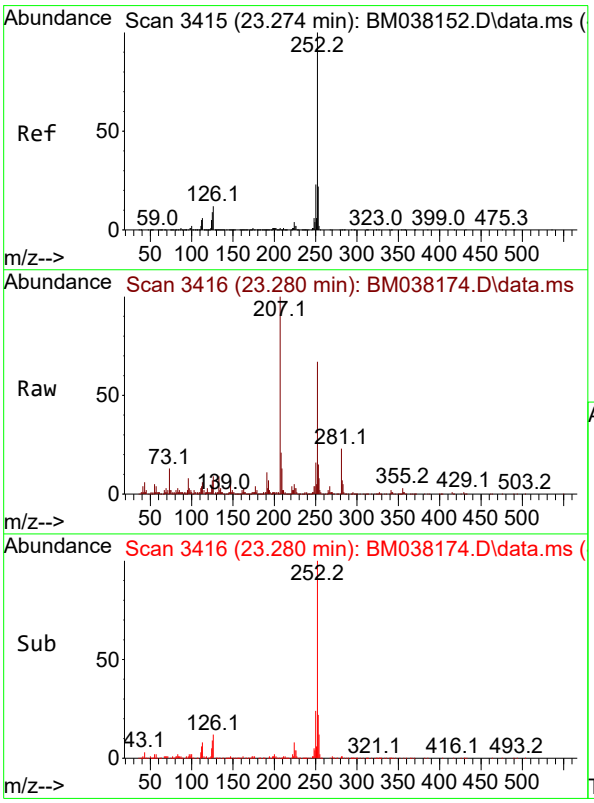
#87
Chrysene
Concen: 1.273 ng/ul
RT: 21.615 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 59500

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.3	36.5
229	22.3	15.6	23.4

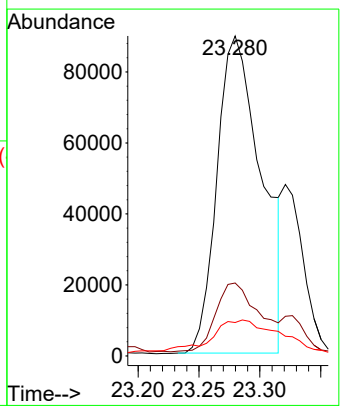


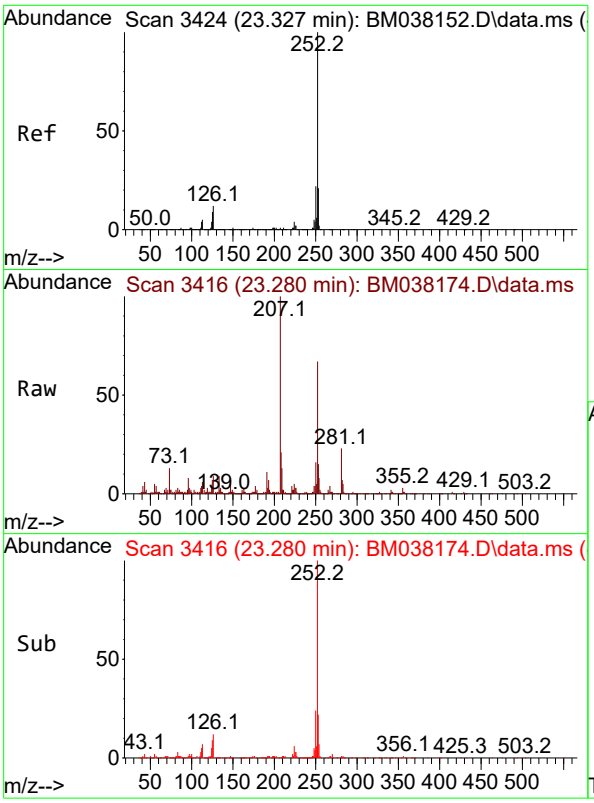


#90
Benzo(b)fluoranthene
Concen: 4.723 ng/ul
RT: 23.280 min Scan# 3416
Delta R.T. 0.006 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Tgt Ion:252 Resp: 227323

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.4	8.0	12.0



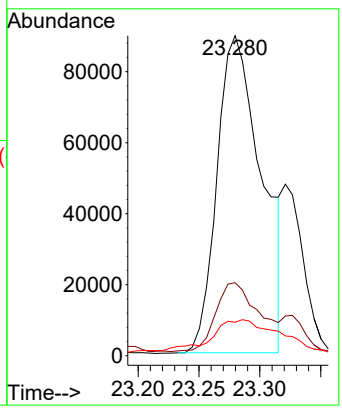


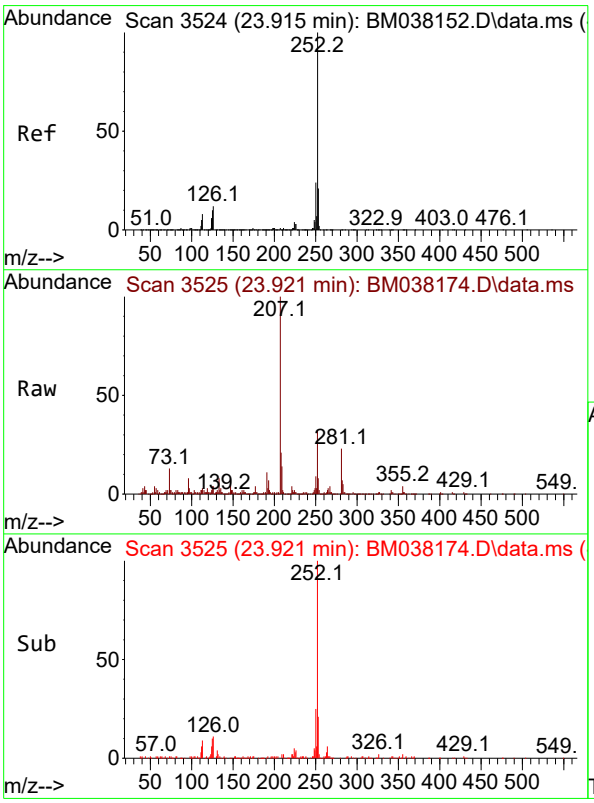
#91
Benzo(k)fluoranthene
Concen: 4.873 ng/ul
RT: 23.280 min Scan# 34
Delta R.T. -0.047 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 227323

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.4	8.1	12.1





#93
Benzo(a)pyrene
Concen: 1.886 ng/ul
RT: 23.921 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

Tgt Ion:252 Resp: 79816

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	12.4	9.4	14.0