Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038160.D
Acq On : 21 Dec 2022 07:19
Operator : CG/JU
Sample : N6008-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 21 23:29:20 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	215142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	929375	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	571199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	1198055	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	888219	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	823970	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	21483	4.534	ng/uL	0.00
4) Pyridine-d5	3.828	84	316558	22.521	ng/ul	0.00
7) Phenol-d5	7.198	99	521661	29.839	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	290189	27.259	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	450191	31.391	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	441788	32.373	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	237719	32.306	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	276196	35.817	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	506532	34.583	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	619818	30.657	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1513236	37.160	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1738922	34.939	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	239642	34.530	ng/ul	0.00
60) Fluorene-d10	15.657	176	1323359	36.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	174378	27.224	ng/ul	0.00
73) Anthracene-d10	17.510	188	2007487	35.903	ng/ul	0.00
81) Pyrene-d10	19.792	212	2154211	40.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1495526	36.338	ng/ul	0.00
Target Compounds						Qvalue
17) N-Nitroso-di-n-propyla...	8.751	70	10241	1.013	ng/ul#	1
72) Phenanthrene	17.451	178	230400	3.522	ng/ul	99
74) Anthracene	17.539	178	67329	1.013	ng/ul	95
80) Fluoranthene	19.456	202	737937	11.719	ng/ul	96
82) Pyrene	19.821	202	665279	10.152	ng/ul#	94
85) Benzo(a)anthracene	21.556	228	364744	6.100	ng/ul	98
87) Chrysene	21.609	228	342497	6.105	ng/ul	97
90) Benzo(b)fluoranthene	23.274	252	499841	9.785	ng/ul	96
91) Benzo(k)fluoranthene	23.274	252	499841	10.096	ng/ul	96
93) Benzo(a)pyrene	23.915	252	330753	7.363	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.580	276	246957	4.269	ng/ul	96
95) Dibenzo(a,h)anthracene	26.585	278	60764	1.246	ng/ul#	78
96) Benzo(g,h,i)perylene	27.374	276	241397	5.226	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
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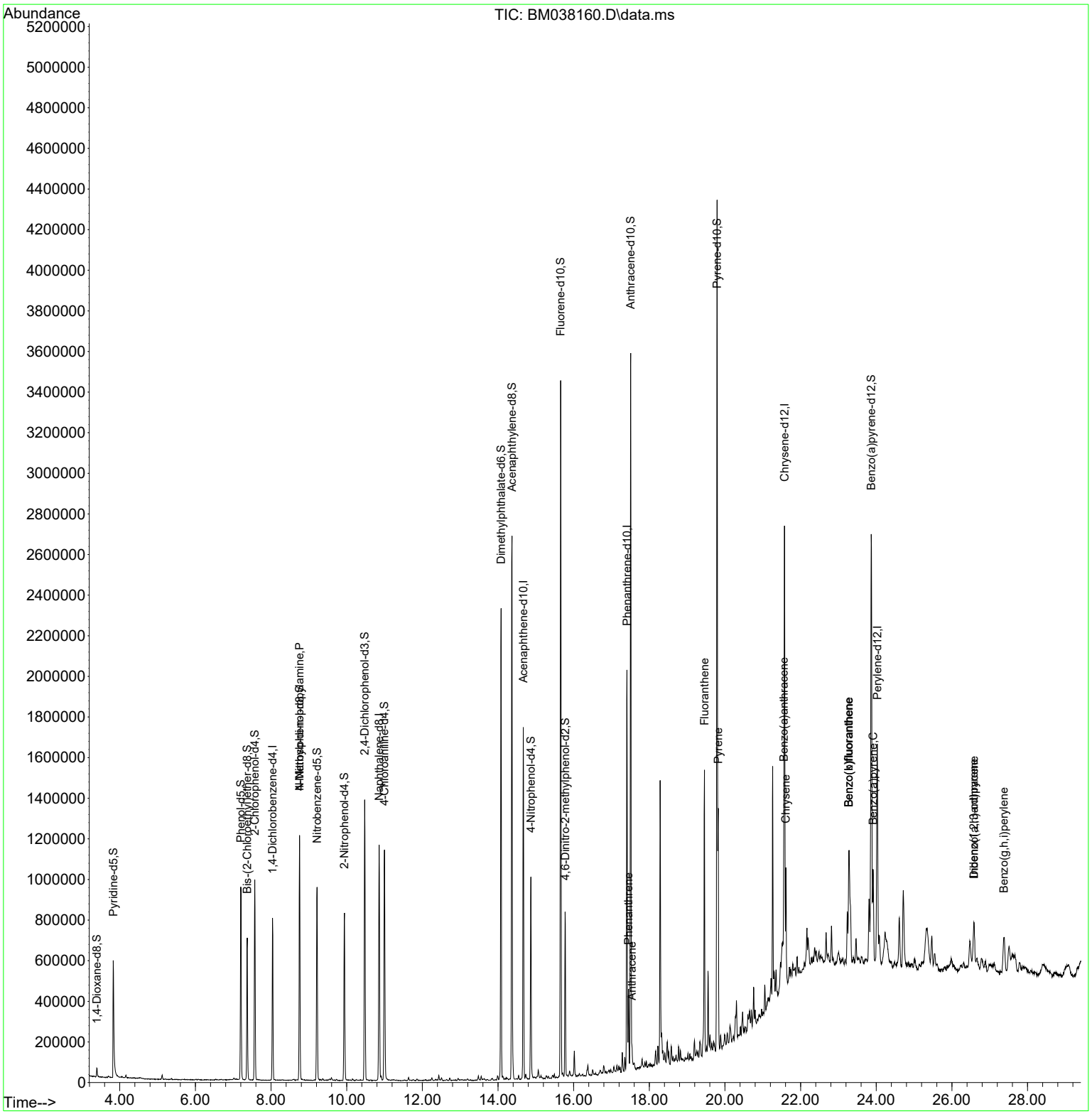
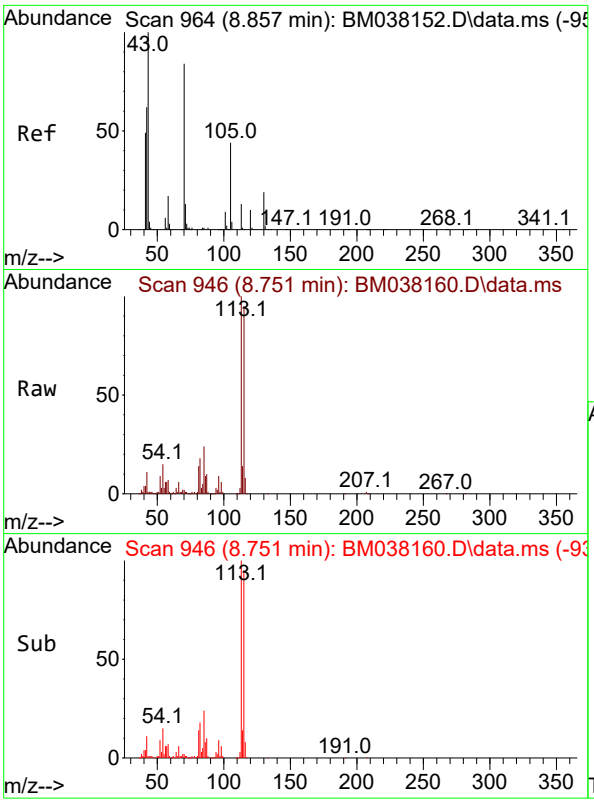


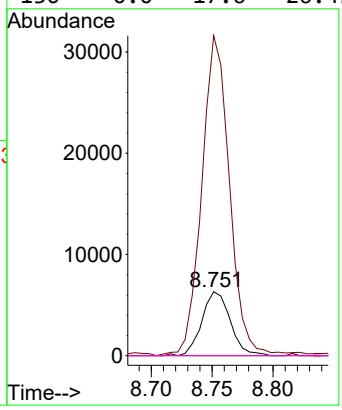


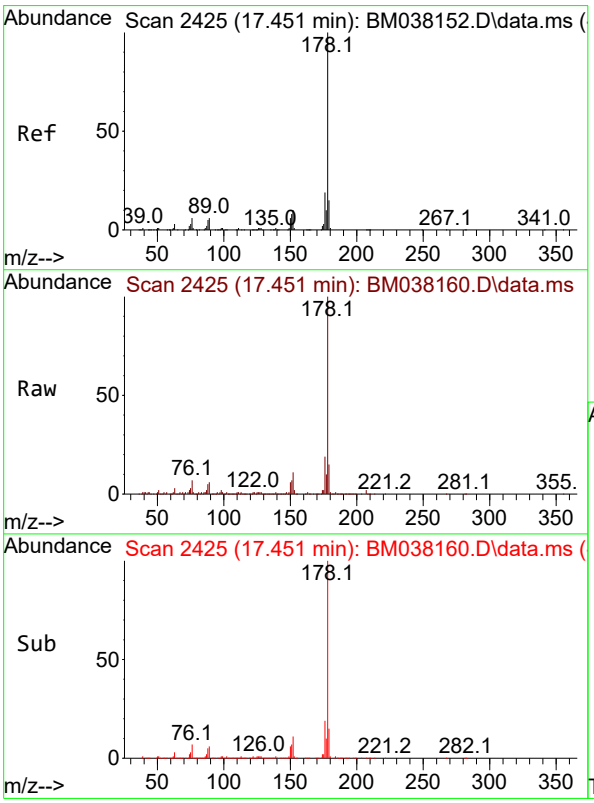
#17
N-Nitroso-di-n-propylamine
Concen: 1.013 ng/ul
RT: 8.751 min Scan# 94
Delta R.T. -0.106 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 10241

Ion	Ratio	Lower	Upper
70	100		
42	500.3	62.3	93.5#
101	0.0	8.0	12.0#
130	0.0	17.6	26.4#

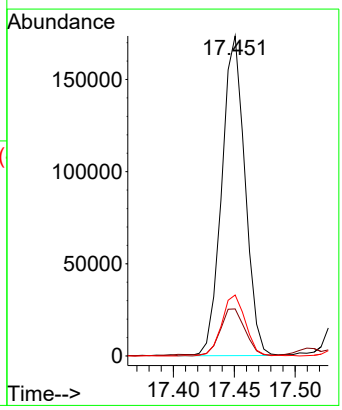


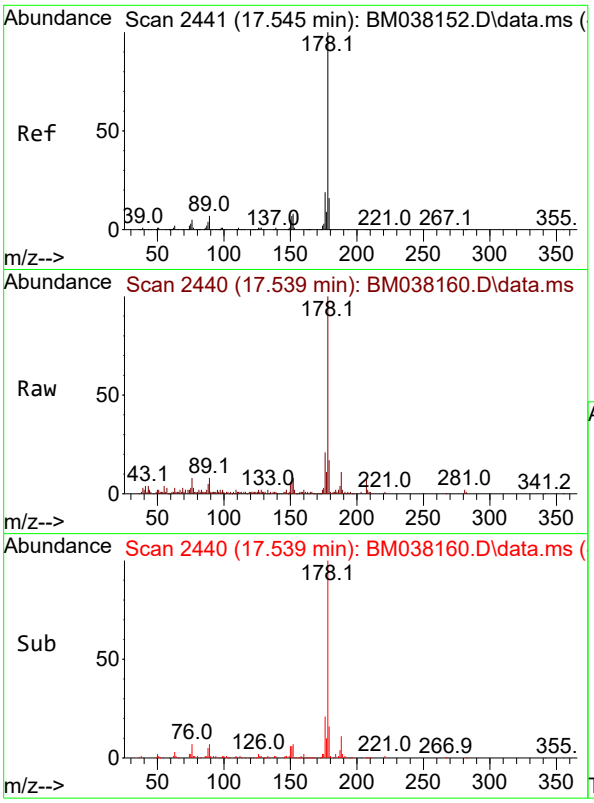


#72
Phenanthrene
Concen: 3.522 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Tgt Ion:178 Resp: 230400

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	19.1	15.4	23.0



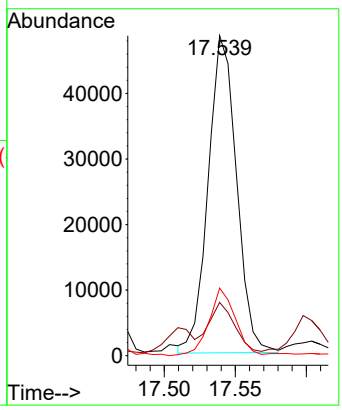


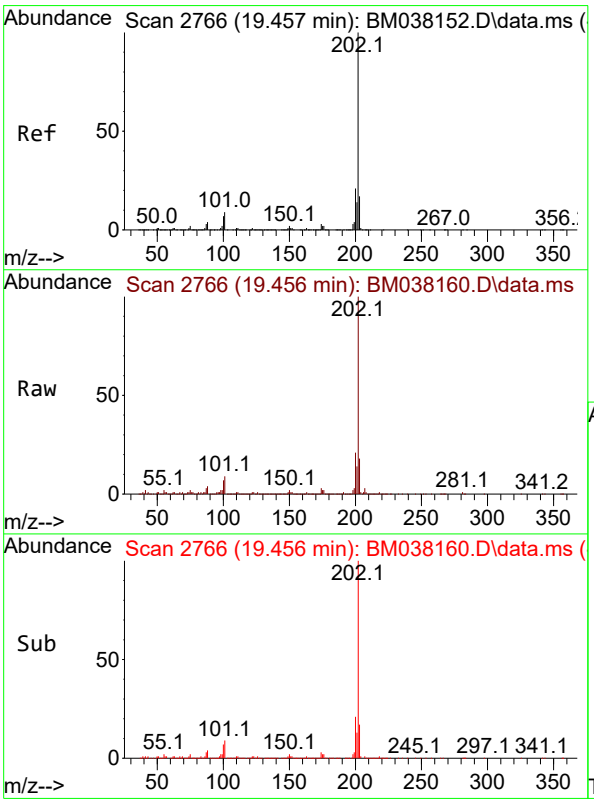
#74
Anthracene
Concen: 1.013 ng/ul
RT: 17.539 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 67329

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.8
176	21.2	15.0	22.6

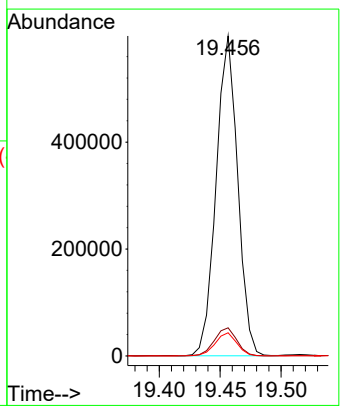


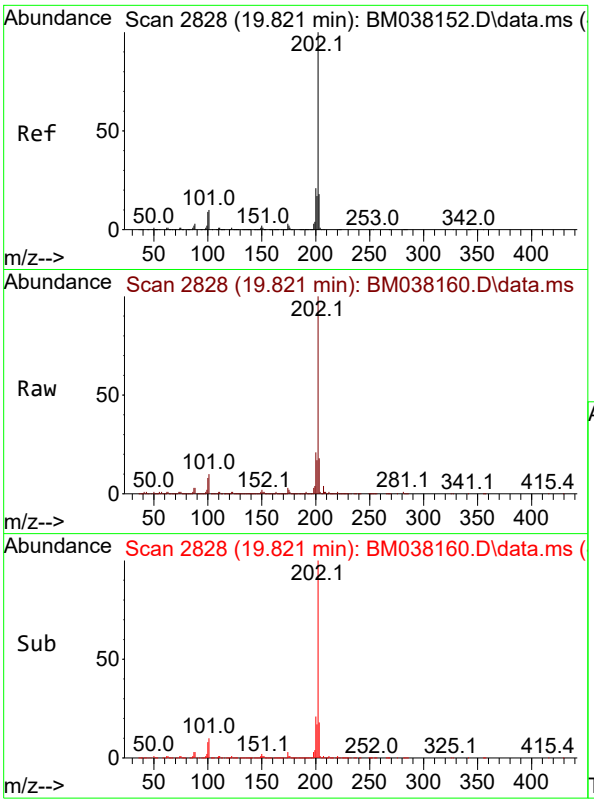


#80
Fluoranthene
Concen: 11.719 ng/ul
RT: 19.456 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Tgt Ion:202 Resp: 737937

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.6	13.0
100	7.3	6.6	10.0



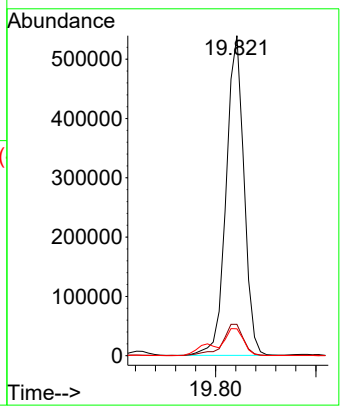


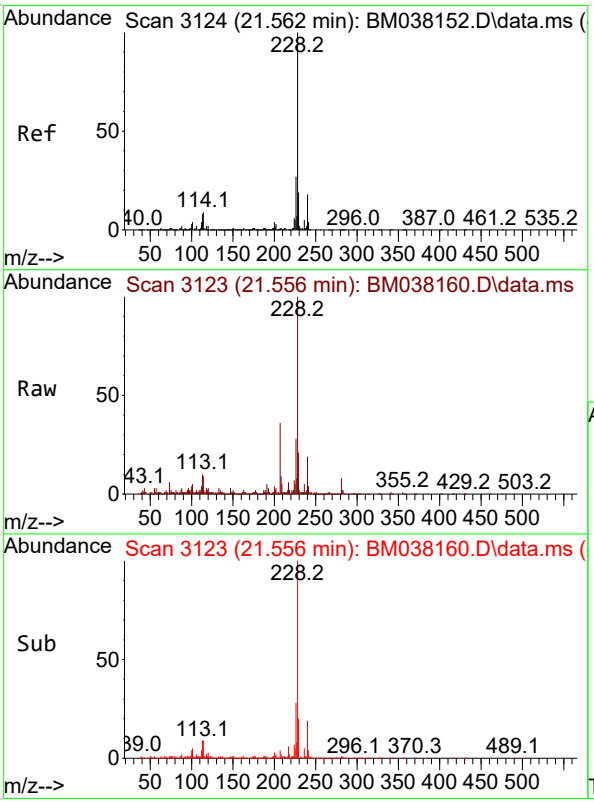
#82
Pyrene
Concen: 10.152 ng/ul
RT: 19.821 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 665279

Ion	Ratio	Lower	Upper
202	100		
101	9.8	10.0	15.0#
100	8.4	7.9	11.9

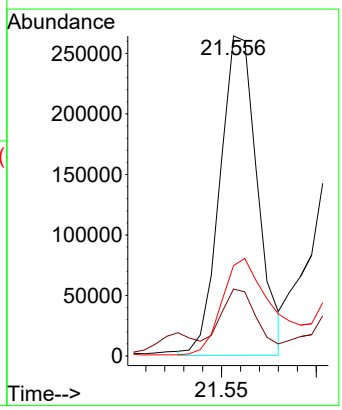


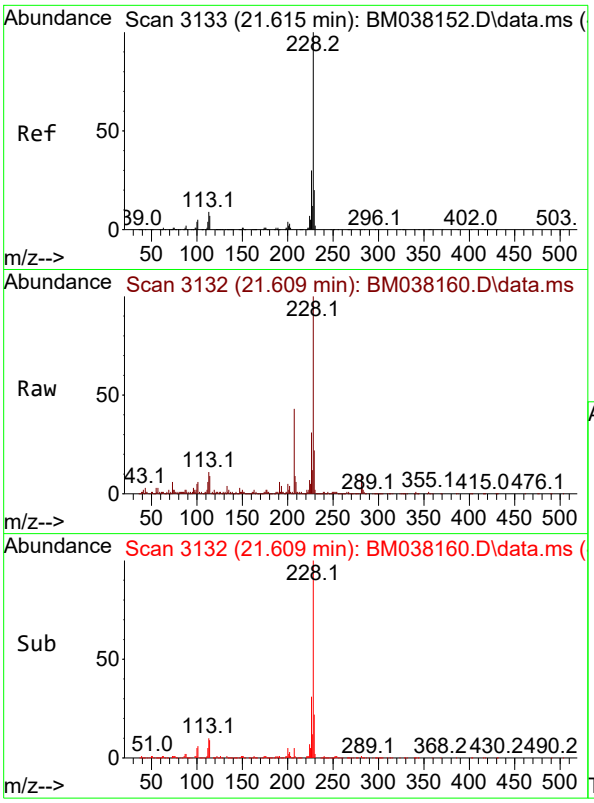


#85
Benzo(a)anthracene
Concen: 6.100 ng/ul
RT: 21.556 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Tgt Ion:228 Resp: 364744

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	28.2	21.8	32.8



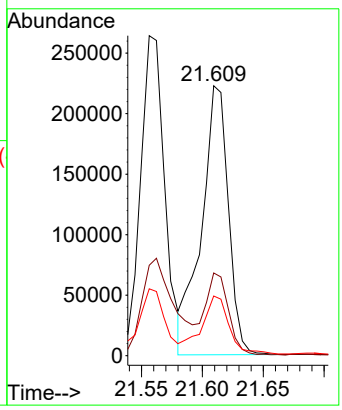


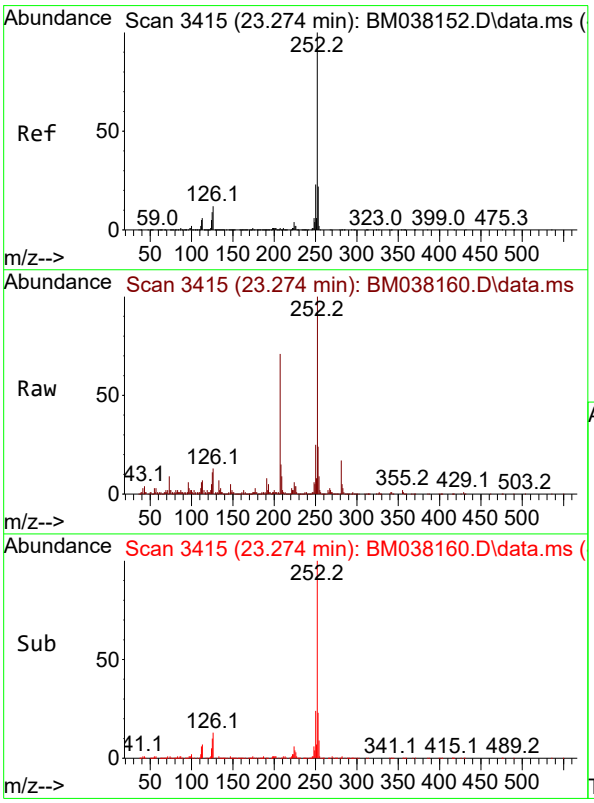
#87
Chrysene
Concen: 6.105 ng/ul
RT: 21.609 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 342497

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	22.1	15.6	23.4

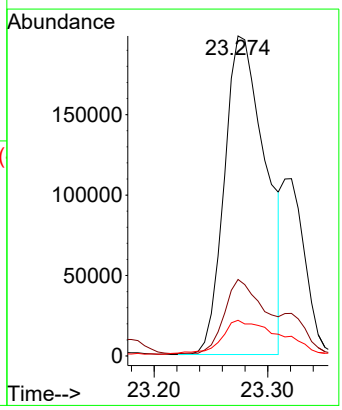


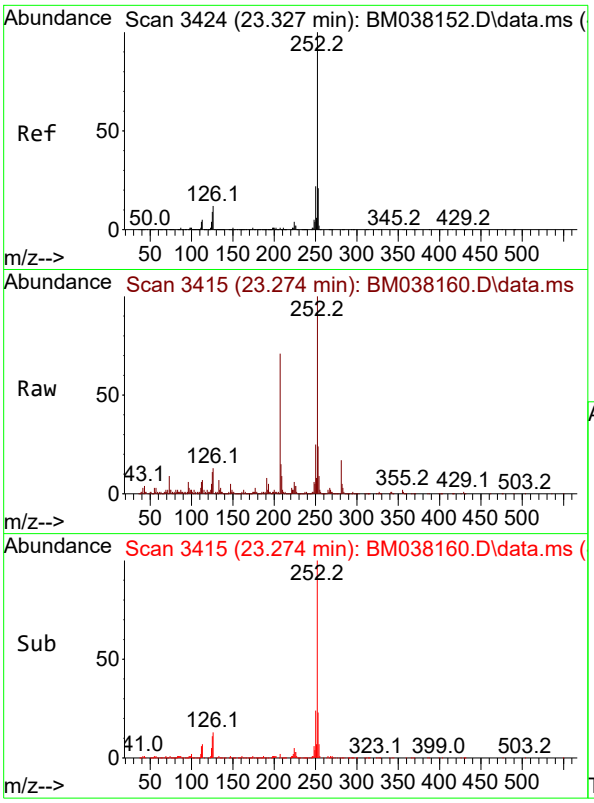


#90
Benzo(b)fluoranthene
Concen: 9.785 ng/ul
RT: 23.274 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Tgt Ion:252 Resp: 499841

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	11.1	8.0	12.0



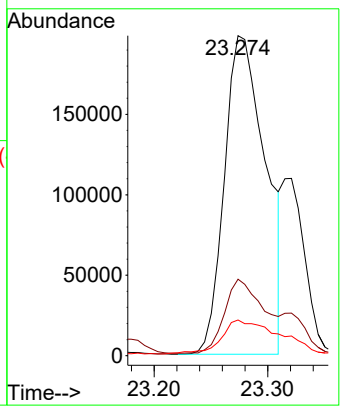


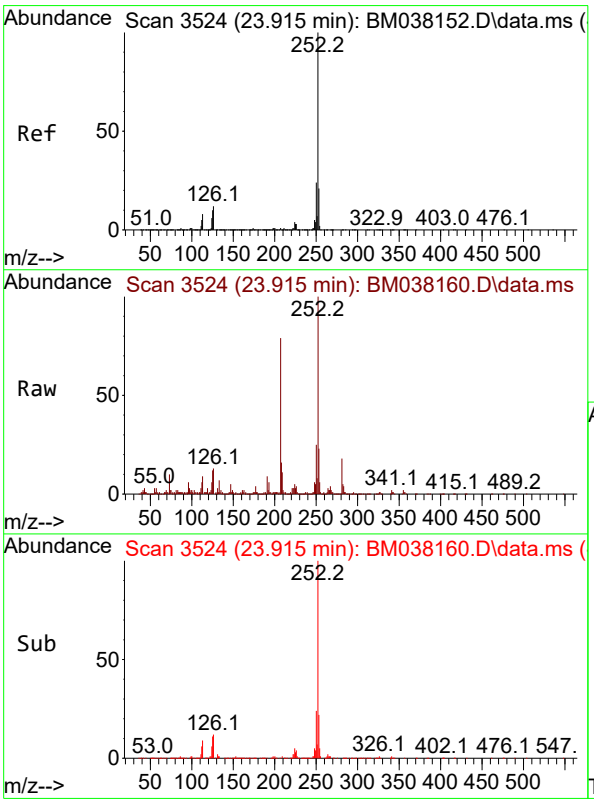
#91
Benzo(k)fluoranthene
Concen: 10.096 ng/ul
RT: 23.274 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 499841

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	11.1	8.1	12.1

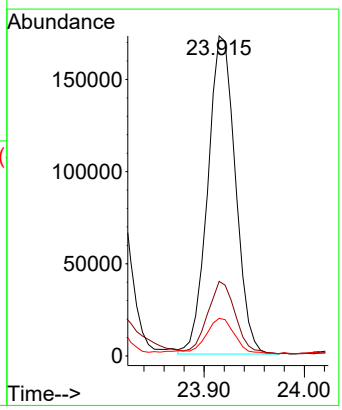


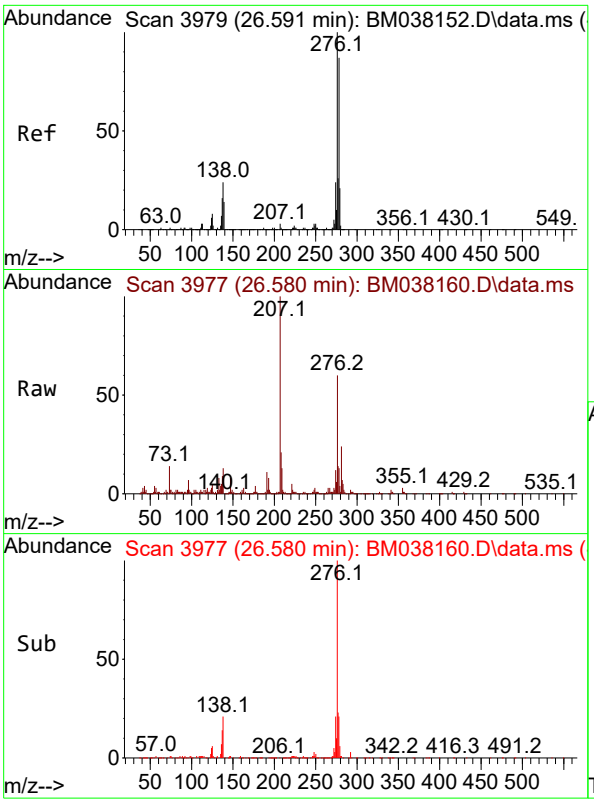


#93
Benzo(a)pyrene
Concen: 7.363 ng/ul
RT: 23.915 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Tgt Ion:252 Resp: 330753

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.7	9.4	14.0



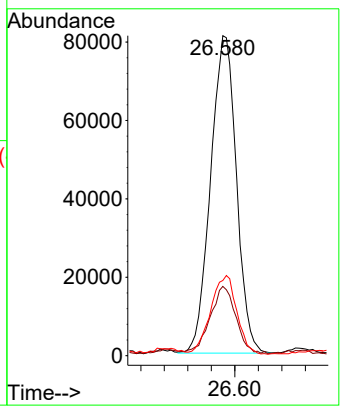


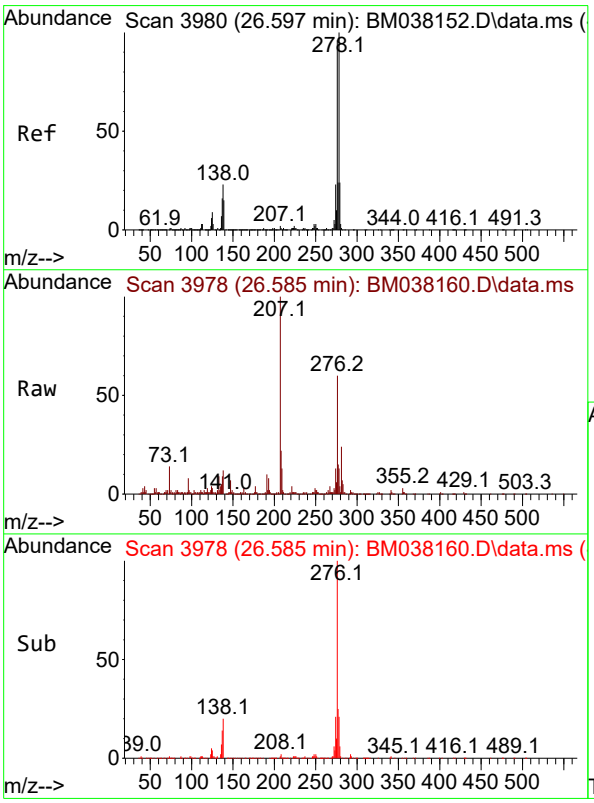
#94
Indeno(1,2,3-cd)pyrene
Concen: 4.269 ng/ul
RT: 26.580 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 246957

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.3	28.9
277	23.5	19.8	29.8

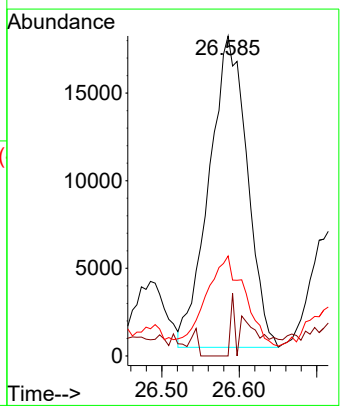


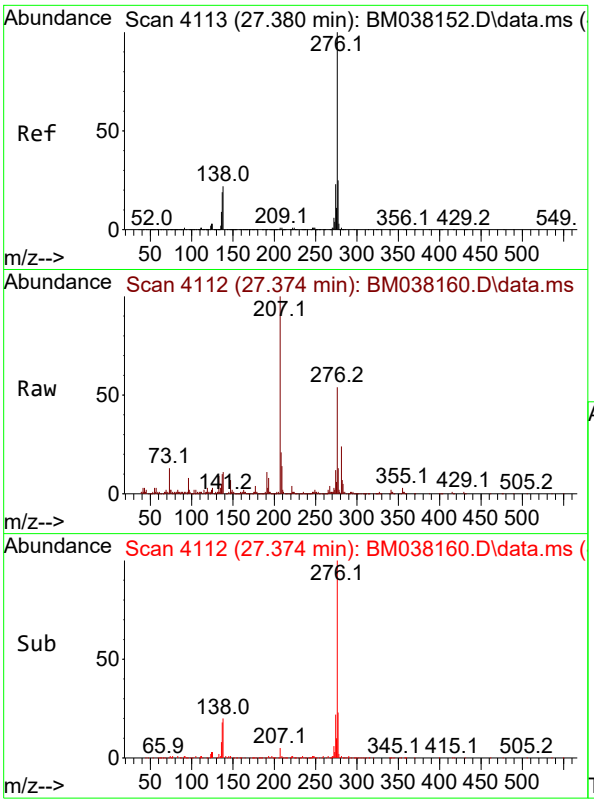


#95
Dibenzo(a,h)anthracene
Concen: 1.246 ng/ul
RT: 26.585 min Scan# 3978
Delta R.T. -0.018 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Tgt Ion:278 Resp: 60764

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	31.2	19.8	29.6#





#96
Benzo(g,h,i)perylene
Concen: 5.226 ng/ul
RT: 27.374 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM038160.D
Acq: 21 Dec 2022 07:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 241397

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.1	25.7
277	23.8	18.2	27.4