Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049453.D
Acq On : 27 Jan 2025 18:02
Operator : RC/JU
Sample : Q1139-06ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Quant Time: Jan 27 23:55:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	128730	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	469936	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.151	164	315529	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.910	188	671362	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	771659	20.000	ng/ul	-0.01
88) Perylene-d12	23.915	264	769857	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	17234	5.539	ng/uL	0.00
4) Pyridine-d5	3.510	84	227805	23.000	ng/ul	0.00
7) Phenol-d5	6.710	99	264516	24.478	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	199610	27.741	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.057	132	210806	25.501	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	201750	24.076	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	94676	26.419	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.369	143	104676	26.129	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.910	165	204813	25.055	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	251147	23.348	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	666491	28.380	ng/ul	-0.01
49) Acenaphthylene-d8	13.845	160	775178	28.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	64901	16.689	ng/ul	0.00
60) Fluorene-d10	15.151	176	615083	30.318	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.286	200	72910	17.040	ng/ul	0.00
73) Anthracene-d10	17.004	188	1002129	30.196	ng/ul	-0.01
81) Pyrene-d10	19.309	212	1301811	27.720	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1244443	30.112	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	4897733	196.383	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	1084289	60.756	ng/ul	98
37) 1-Methylnaphthalene	12.169	142	478224	26.932	ng/ul	99
50) Acenaphthylene	13.874	152	75500	2.747	ng/ul#	96
52) Acenaphthene	14.216	153	918826	46.789	ng/ul	99
61) Fluorene	15.210	166	826429	36.272	ng/ul	99
72) Phenanthrene	16.957	178	8958578	240.024	ng/ul	99
74) Anthracene	17.039	178	557367	14.878	ng/ul	99
80) Fluoranthene	18.980	202	5366566	99.448	ng/ul	99
82) Pyrene	19.339	202	3514389	61.181	ng/ul	97
85) Benzo(a)anthracene	21.121	228	814811	15.152	ng/ul	99
87) Chrysene	21.174	228	653175	13.305	ng/ul	98
90) Benzo(b)fluoranthene	23.044	252	506730	9.834	ng/ul	99
91) Benzo(k)fluoranthene	23.097	252	184798	3.597	ng/ul	99
93) Benzo(a)pyrene	23.786	252	237322	5.099	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.991	276	125780	2.356	ng/ul	98
96) Benzo(g,h,i)perylene	27.944	276	113717	2.853	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049453.D
Acq On : 27 Jan 2025 18:02
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Misc :
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Instrument :
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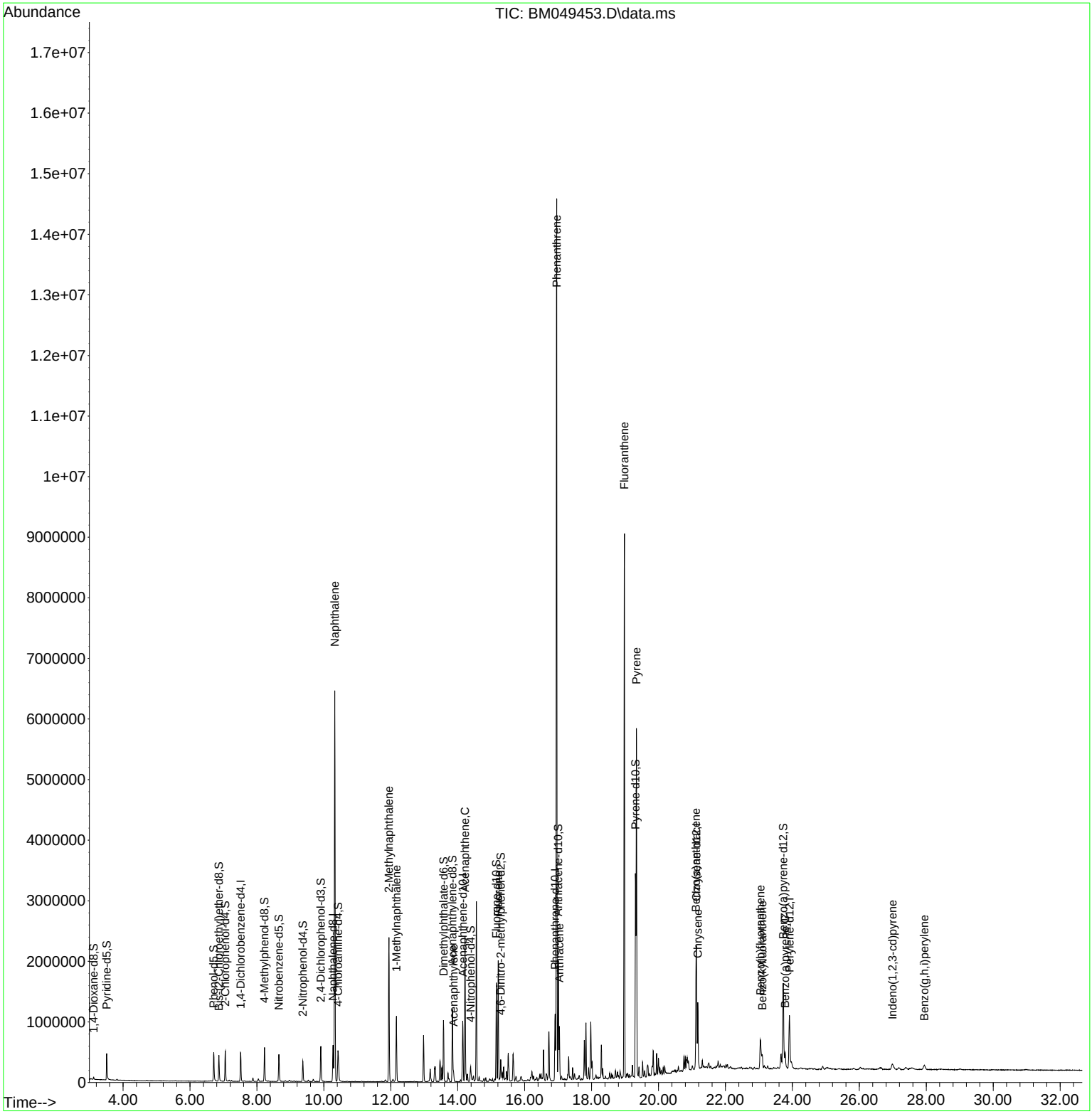
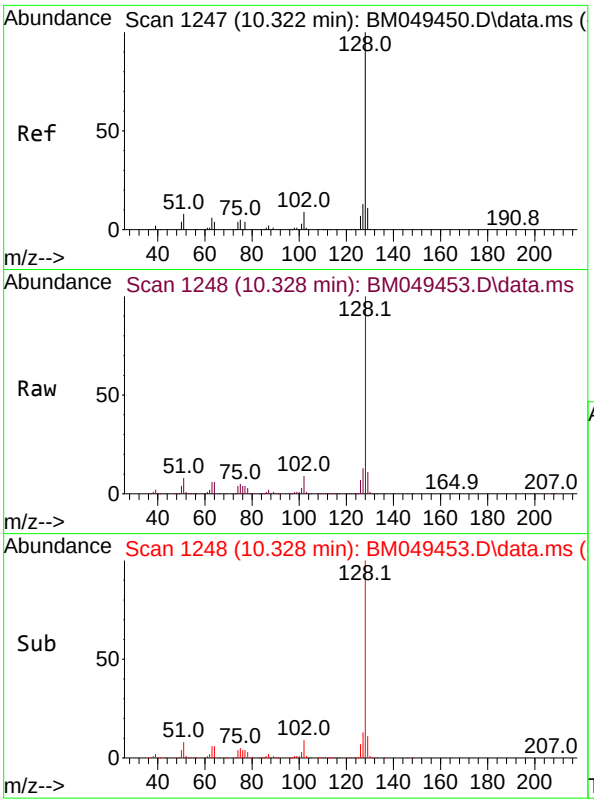
Quant Time: Jan 27 23:55:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration



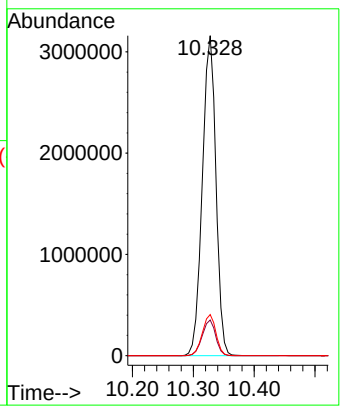


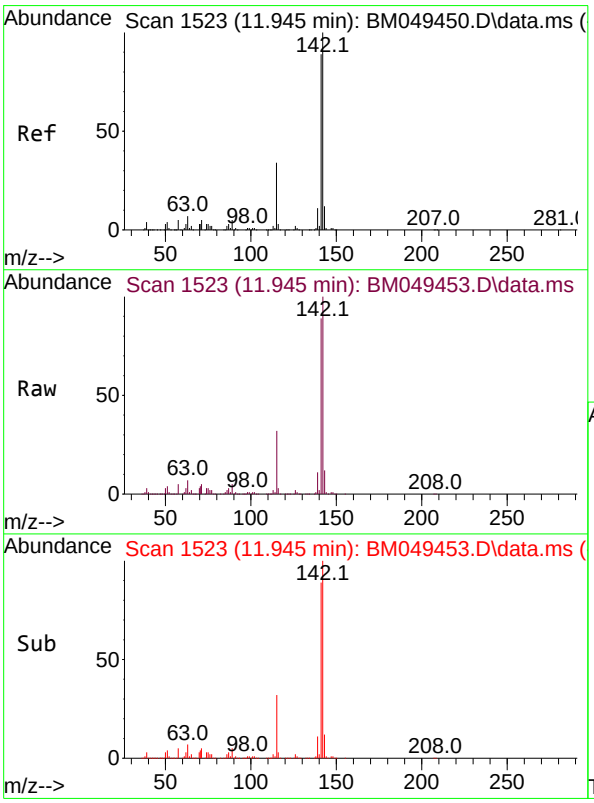
#30
Naphthalene
Concen: 196.383 ng/ul
RT: 10.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:128 Resp: 4897733

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	12.9	10.2	15.2

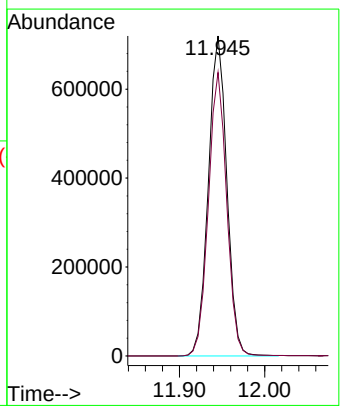


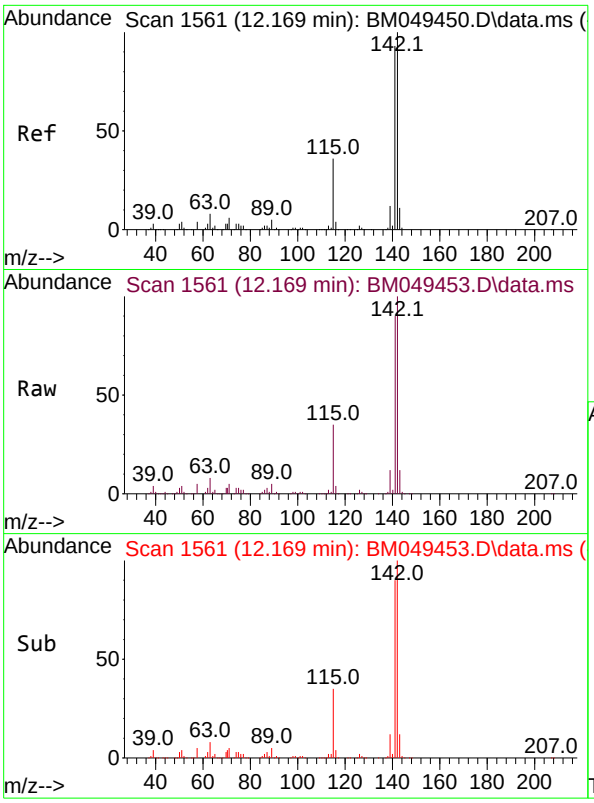


#36
2-Methylnaphthalene
Concen: 60.756 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:142 Resp: 1084289

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.6	104.4



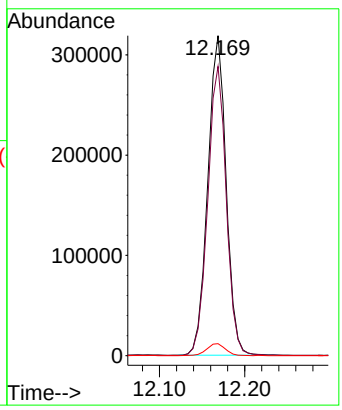


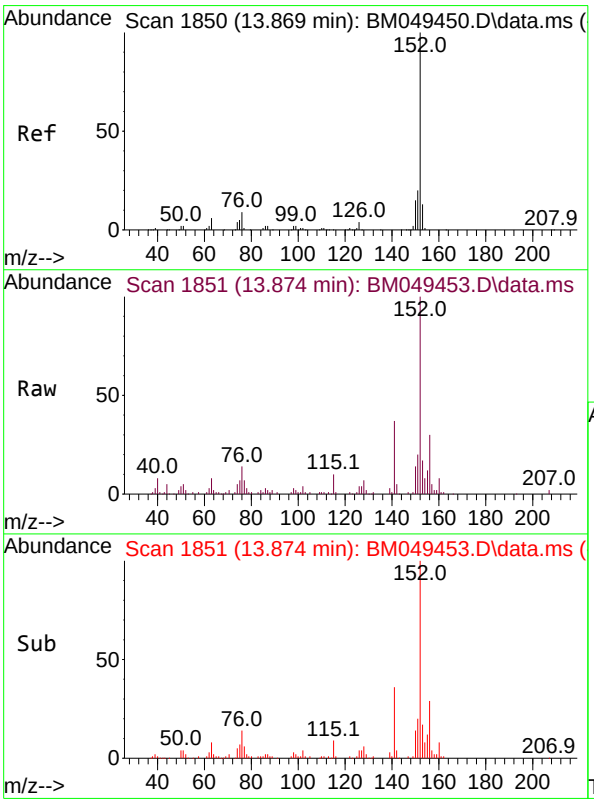
#37
1-Methylnaphthalene
Concen: 26.932 ng/ul
RT: 12.169 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:142 Resp: 478224

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.8	2.8	4.2

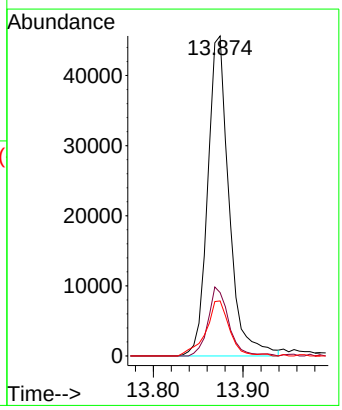


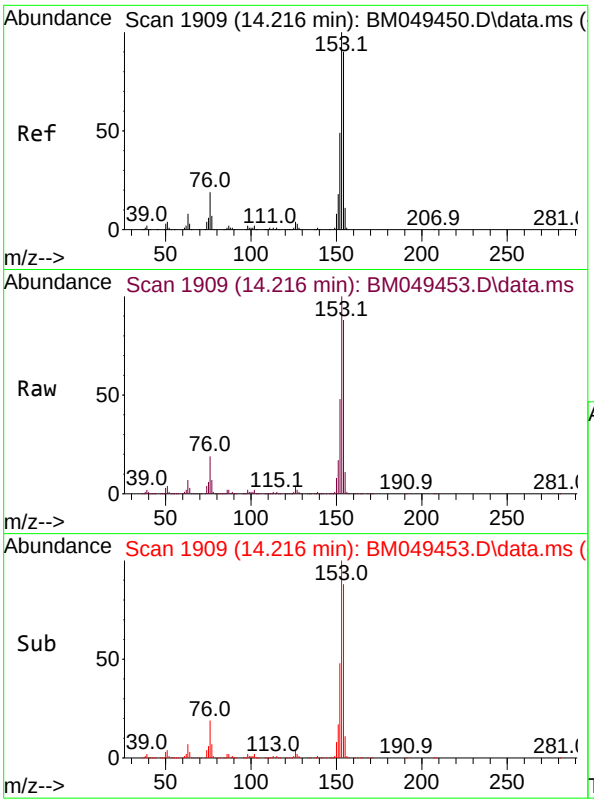


#50
Acenaphthylene
Concen: 2.747 ng/ul
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:152 Resp: 75500

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	17.2	10.6	15.8#



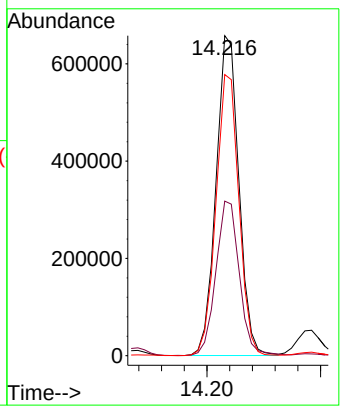


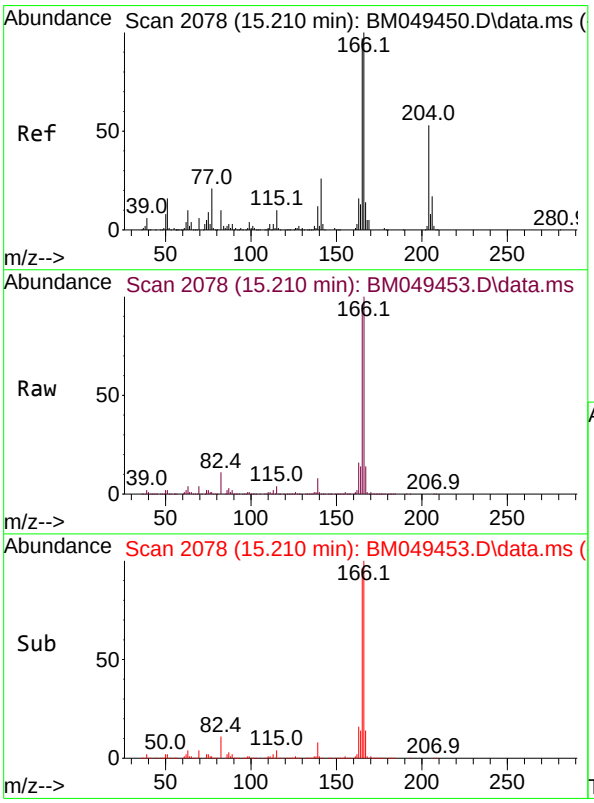
#52
Acenaphthene
Concen: 46.789 ng/ul
RT: 14.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:153 Resp: 918826

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.0	58.6
154	87.9	71.6	107.4

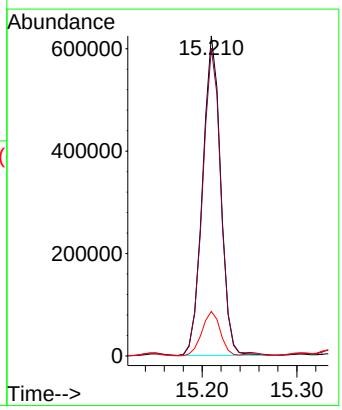


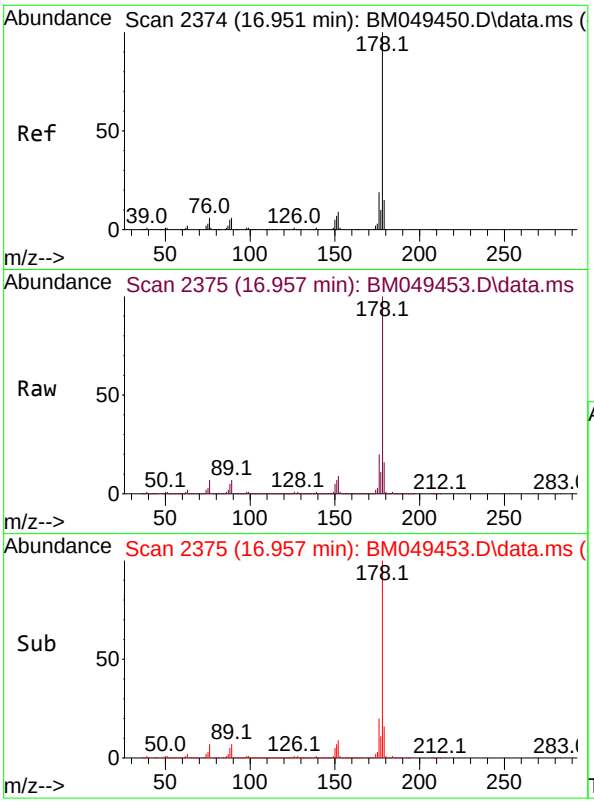


#61
Fluorene
Concen: 36.272 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:166 Resp: 826429

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.7	116.5
167	13.9	10.7	16.1



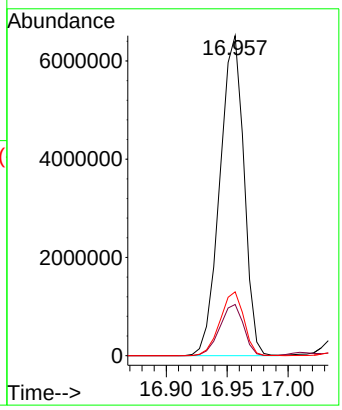


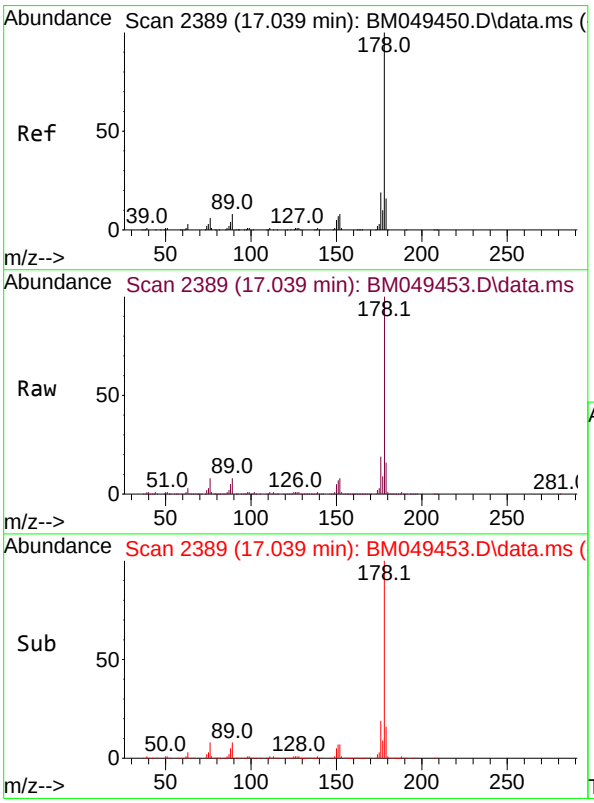
#72
Phenanthrene
Concen: 240.024 ng/ul
RT: 16.957 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:178 Resp: 8958578

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.9	15.4	23.2

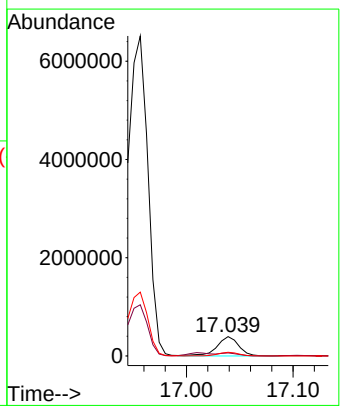


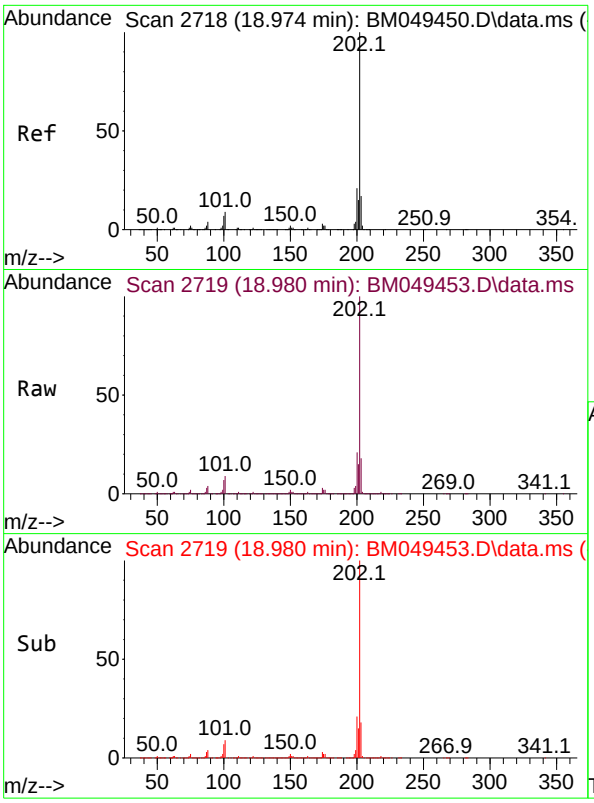


#74
Anthracene
Concen: 14.878 ng/ul
RT: 17.039 min Scan# 2389
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:178 Resp: 557367

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.2	15.1	22.7



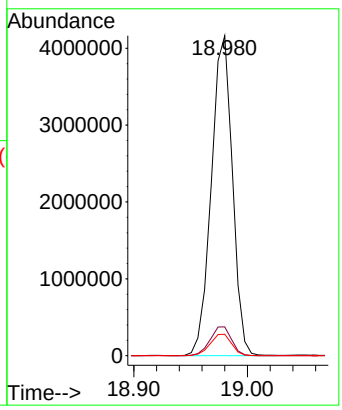


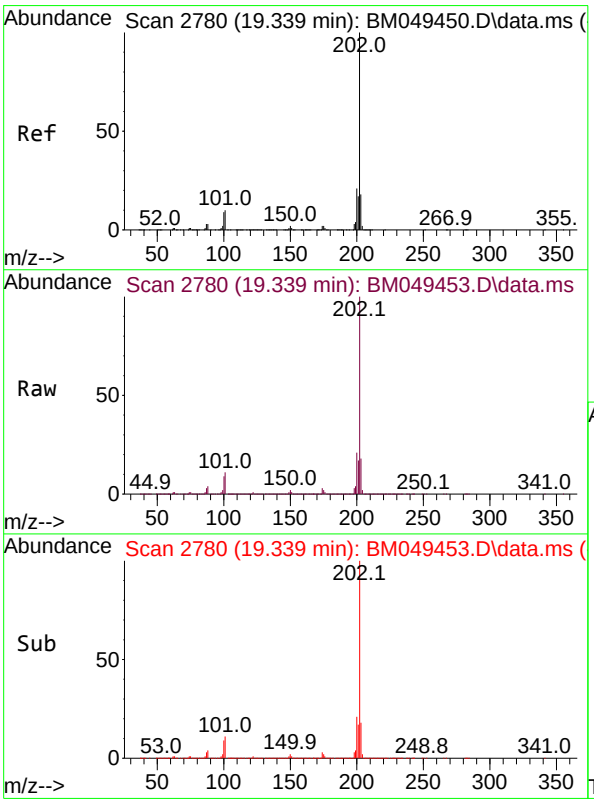
#80
Fluoranthene
Concen: 99.448 ng/ul
RT: 18.980 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:202 Resp: 5366566

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	6.7	5.0	7.6

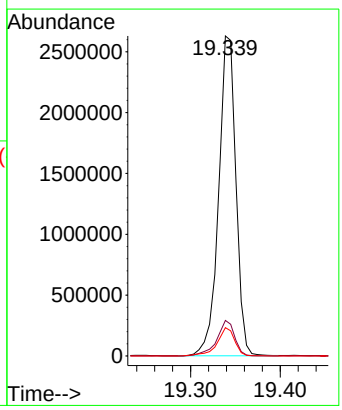


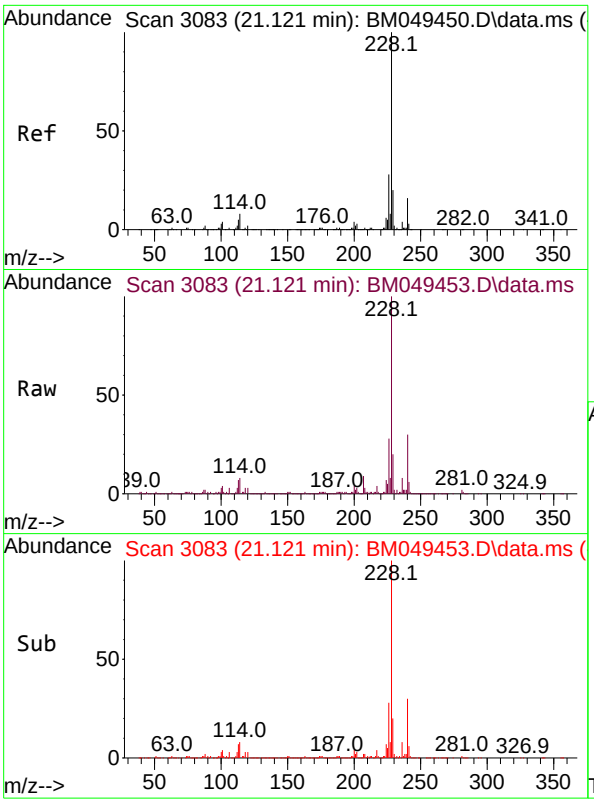


#82
Pyrene
Concen: 61.181 ng/ul
RT: 19.339 min Scan# 2780
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:202 Resp: 3514389

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.8
100	8.9	6.6	10.0



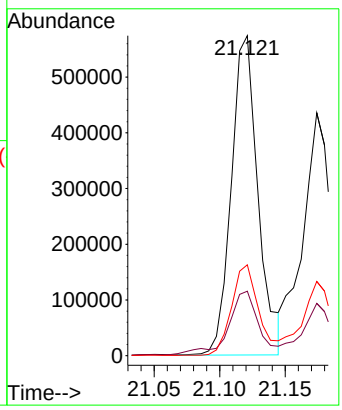


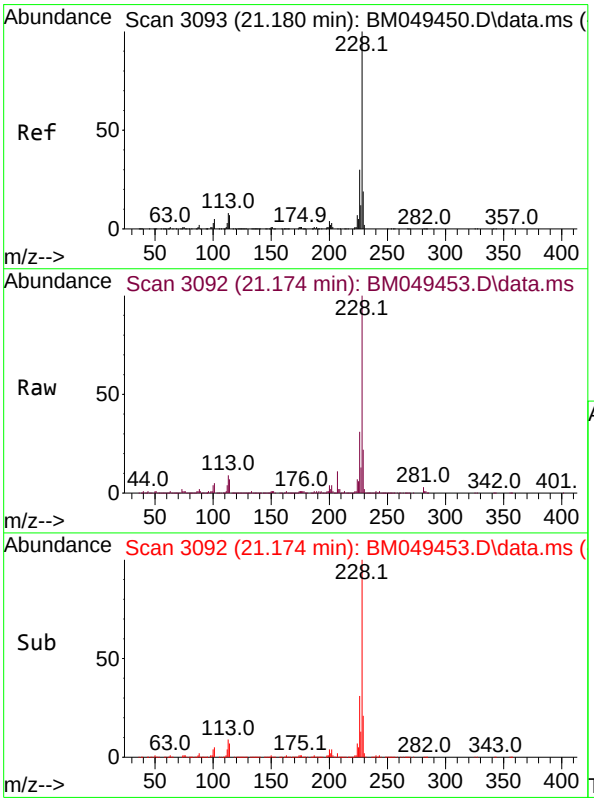
#85
Benzo(a)anthracene
Concen: 15.152 ng/ul
RT: 21.121 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:228 Resp: 814811

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.4	22.1	33.1

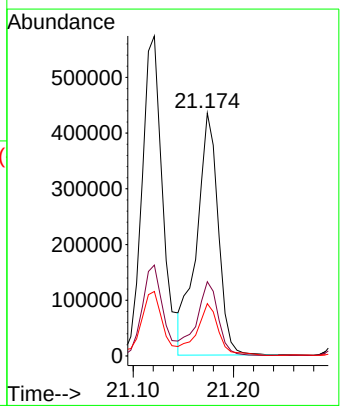


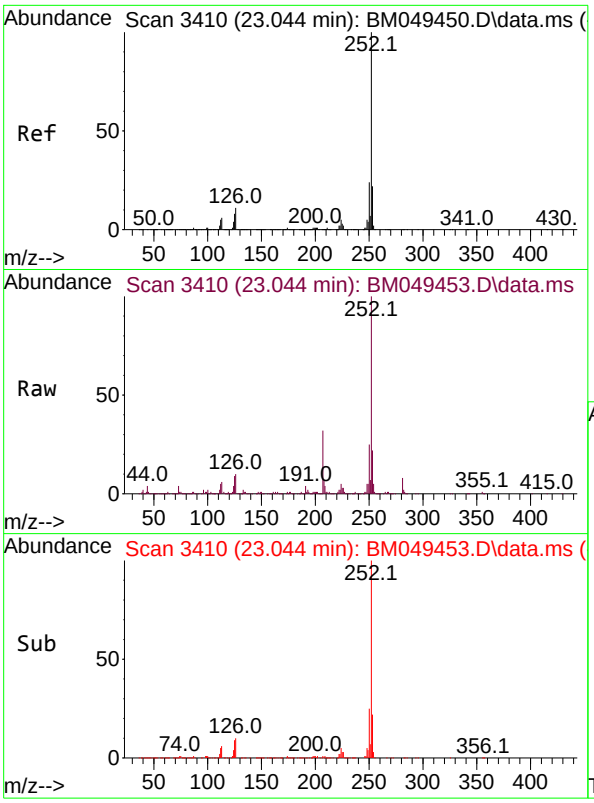


#87
Chrysene
Concen: 13.305 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:228 Resp: 653175

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	21.5	16.0	24.0



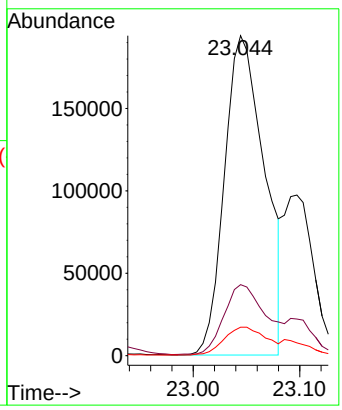


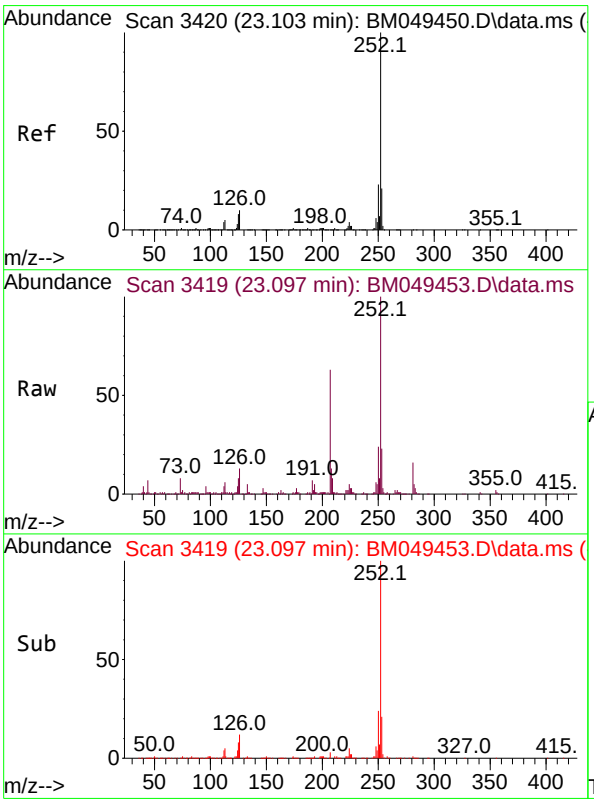
#90
Benzo(b)fluoranthene
Concen: 9.834 ng/ul
RT: 23.044 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:252 Resp: 506730

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	8.9	6.6	9.8

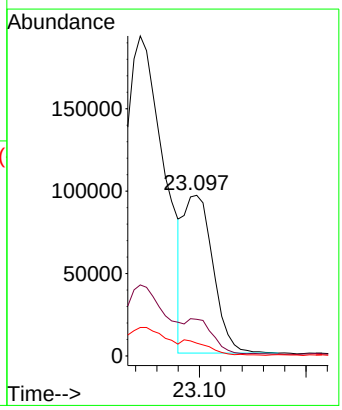


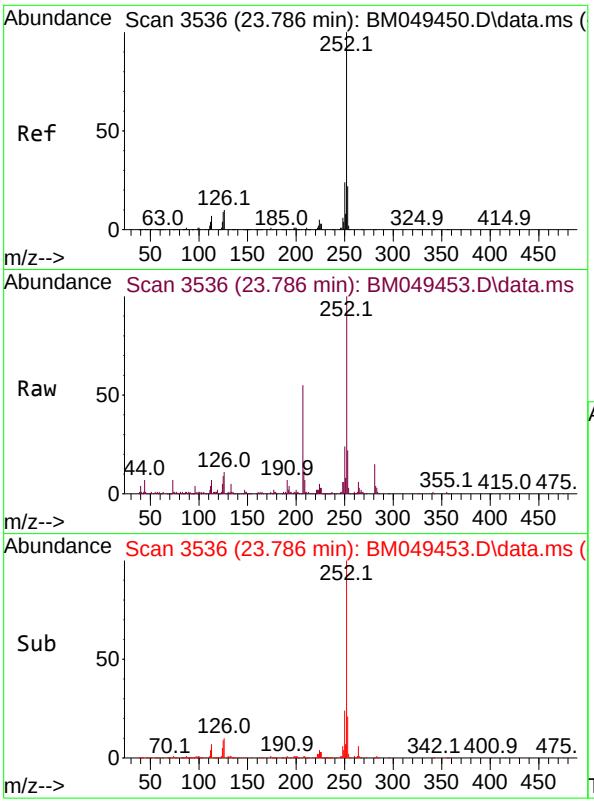


#91
Benzo(k)fluoranthene
Concen: 3.597 ng/ul
RT: 23.097 min Scan# 3419
Delta R.T. -0.018 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:252 Resp: 184798

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.0	6.5	9.7



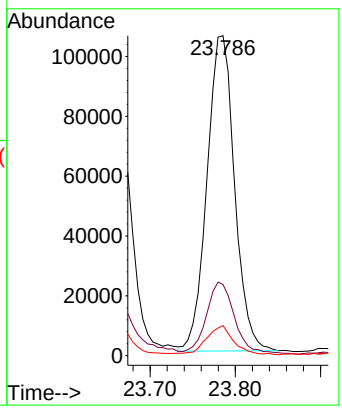


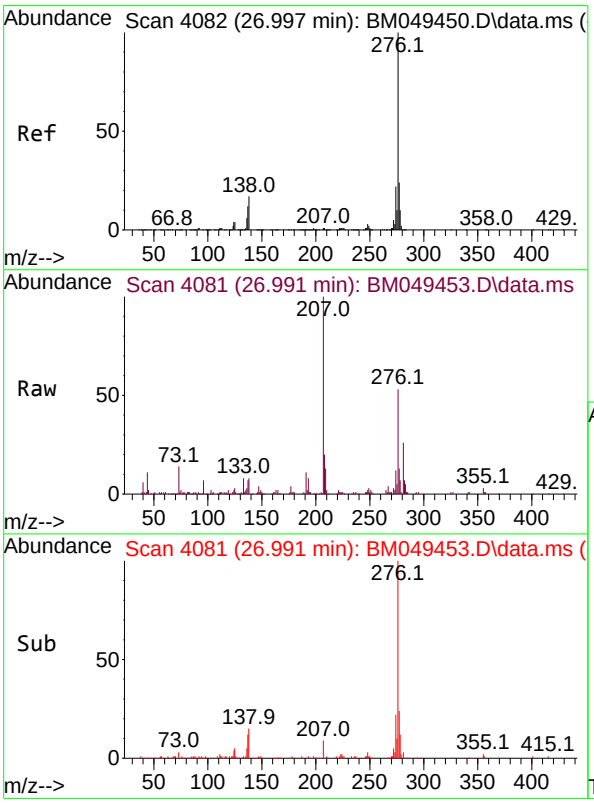
#93
Benzo(a)pyrene
Concen: 5.099 ng/ul
RT: 23.786 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:252 Resp: 237322

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.4	6.9	10.3

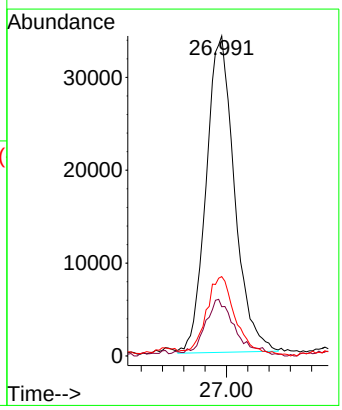


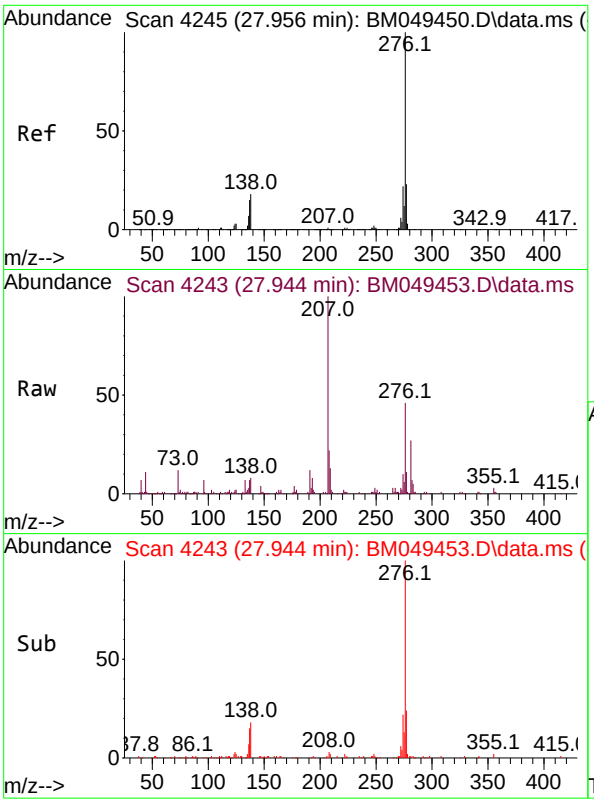


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.356 ng/ul
RT: 26.991 min Scan# 4081
Delta R.T. -0.029 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Tgt Ion:276 Resp: 125780

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.4	20.0
277	24.8	19.1	28.7





#96
Benzo(g,h,i)perylene
Concen: 2.853 ng/ul
RT: 27.944 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM049453.D
Acq: 27 Jan 2025 18:02

Instrument :
BNA_M
ClientSampleId :
DCZH3ME

Tgt Ion:276 Resp: 113717

Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.1	21.1
277	24.4	19.4	29.0