Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019433.D
Acq On : 23 Jan 2024 22:57
Operator : MA/JU
Sample : P1158-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jan 24 00:08:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	160879	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	623781	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	450225	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1008355	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	733339	20.000	ng/ul	0.00
88) Perylene-d12	23.615	264	773689	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	69	0.016	ng/uL	0.00
4) Pyridine-d5	3.640	84	61	0.005	ng/ul	0.00
7) Phenol-d5	6.957	99	18	0.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	76	0.008	ng/ul	0.01
11) 2-Chlorophenol-d4	7.322	132	7	0.001	ng/ul	0.02
15) 4-Methylphenol-d8	8.510	113	11	0.001	ng/ul	0.01
21) Nitrobenzene-d5	8.940	128	31	0.006	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	10	0.002	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	16	0.001	ng/ul	-0.04
31) 4-Chloroaniline-d4	10.728	131	18	0.001	ng/ul	0.01
46) Dimethylphthalate-d6	13.828	166	5	0.000	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	156	0.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	80	0.013	ng/ul	-0.02
60) Fluorene-d10	15.410	176	513	0.016	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	15	0.002	ng/ul	0.00
73) Anthracene-d10	17.275	188	1668	0.033	ng/ul	0.00
81) Pyrene-d10	19.510	212	236	0.005	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.462	264	1134	0.027	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	192069	3.391	ng/ul	98
74) Anthracene	17.210	178	192186	3.347	ng/ul	97
80) Fluoranthene	19.186	202	303091	5.362	ng/ul	99
82) Pyrene	19.539	202	157427	2.744	ng/ul	97
85) Benzo(a)anthracene	21.257	228	93592	1.639	ng/ul	99
87) Chrysene	21.304	228	108827	2.085	ng/ul	98
90) Benzo(b)fluoranthene	22.904	252	93849	1.697	ng/ul#	89
91) Benzo(k)fluoranthene	22.904	252	93849	1.750	ng/ul#	87

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

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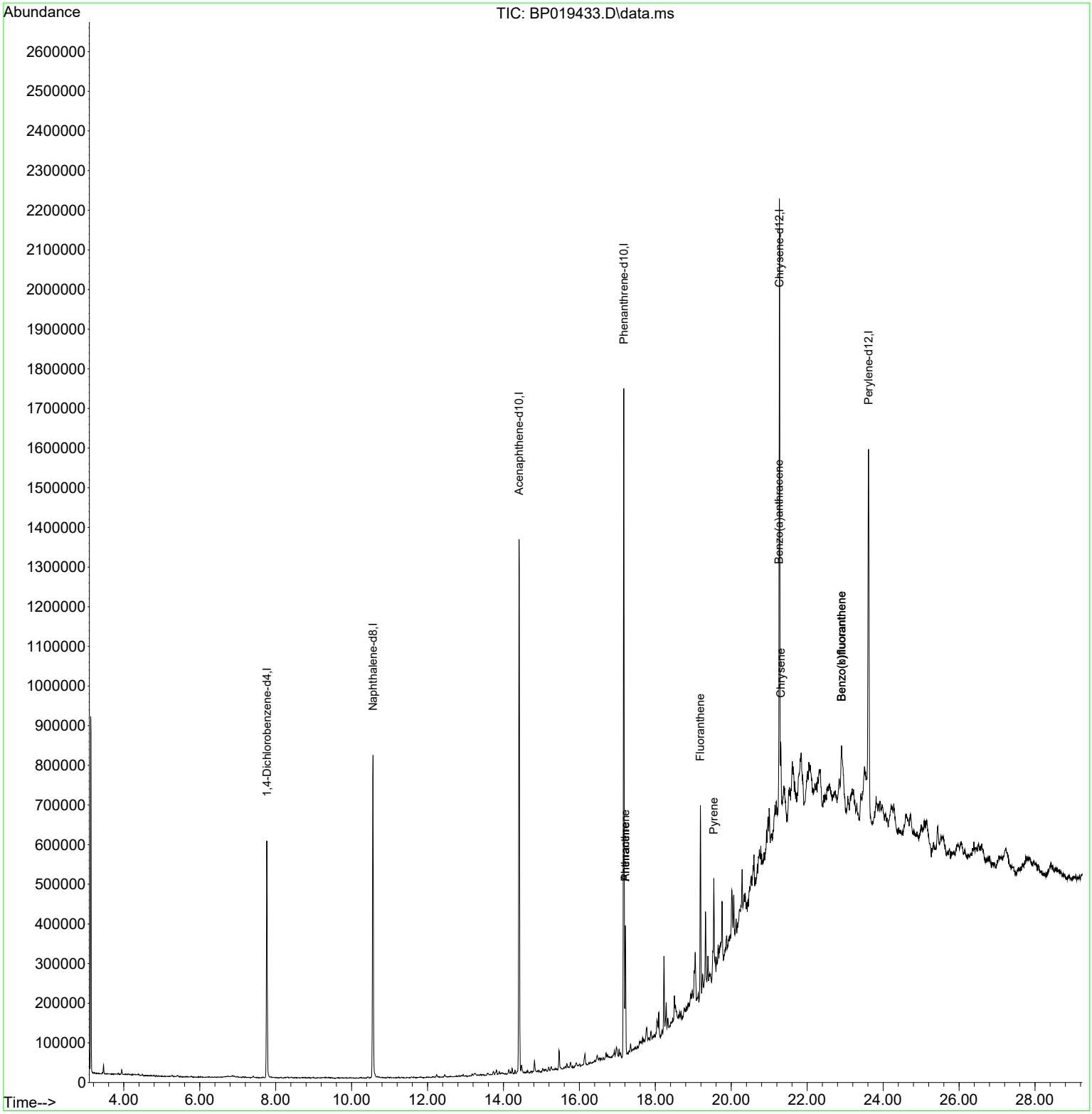
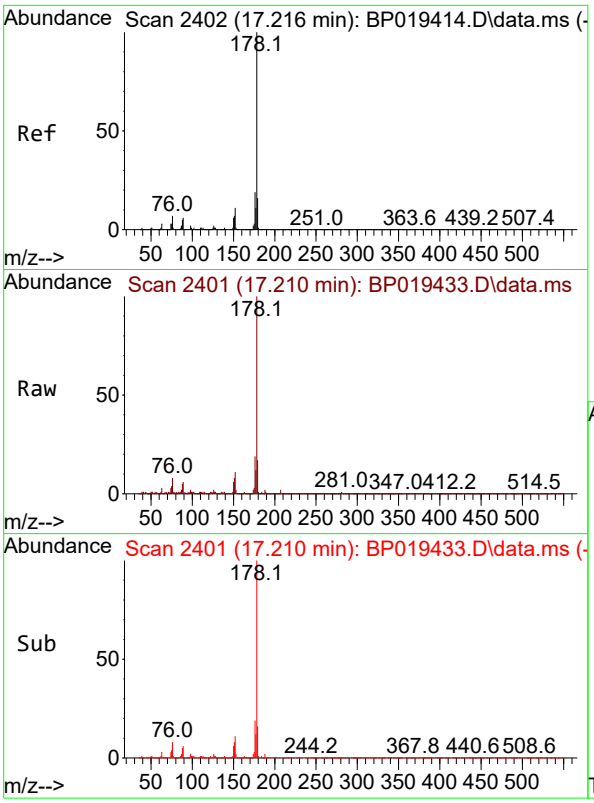


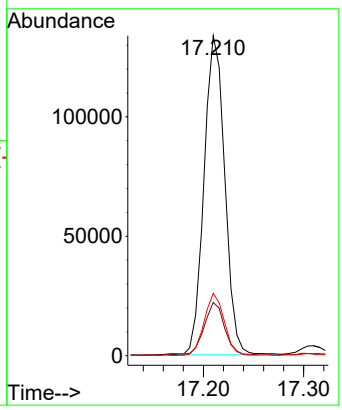


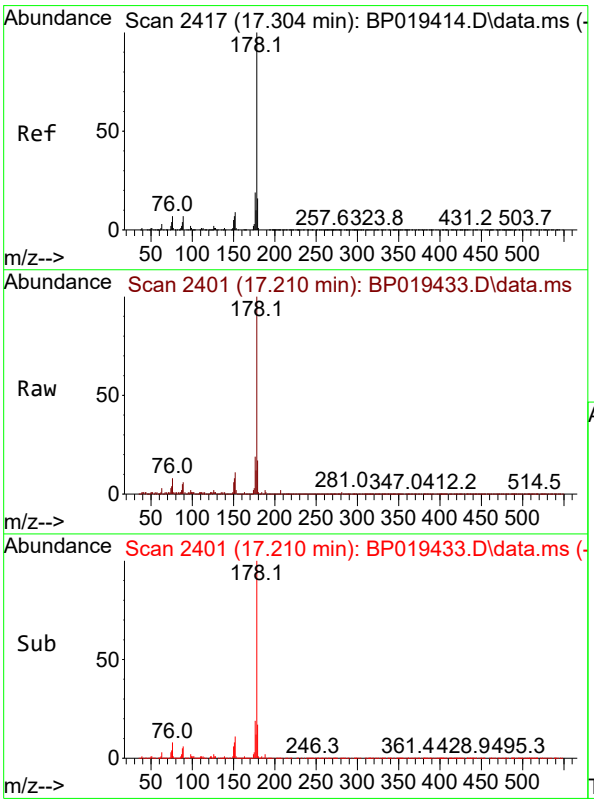
#72
Phenanthrene
Concen: 3.391 ng/ul
RT: 17.210 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 192069

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.1	18.1
176	19.5	15.4	23.2

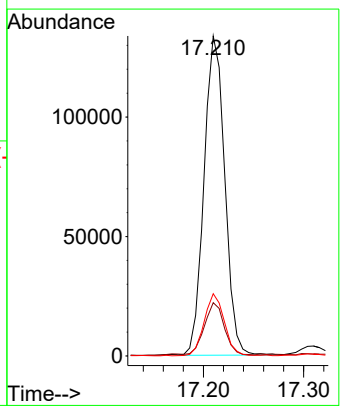


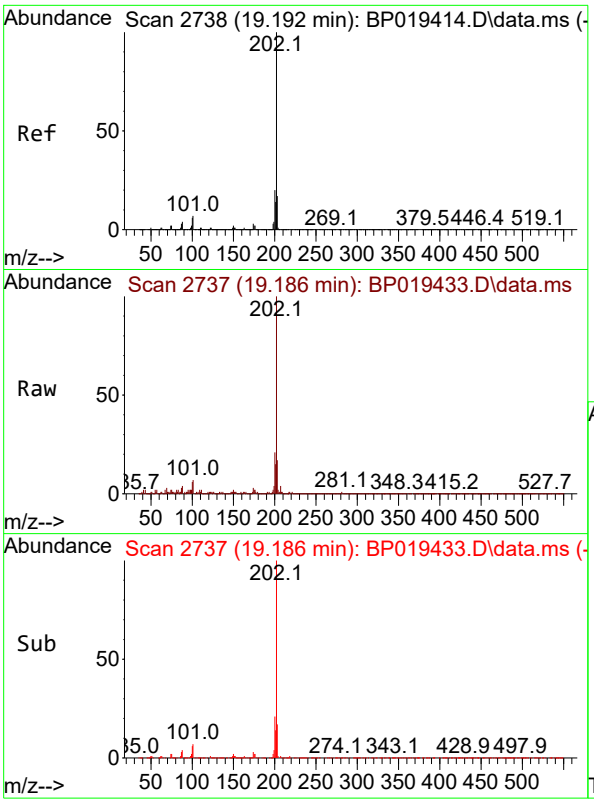


#74
Anthracene
Concen: 3.347 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. -0.094 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Tgt Ion:178 Resp: 192186

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	19.5	14.6	22.0



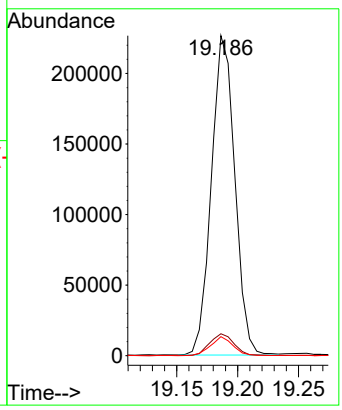


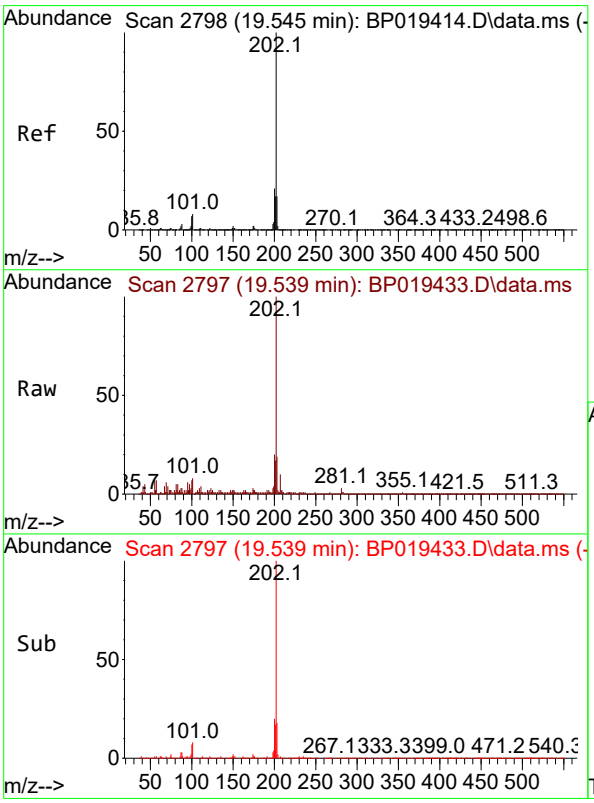
#80
Fluoranthene
Concen: 5.362 ng/ul
RT: 19.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 303091

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.9	8.9
100	6.0	4.6	7.0

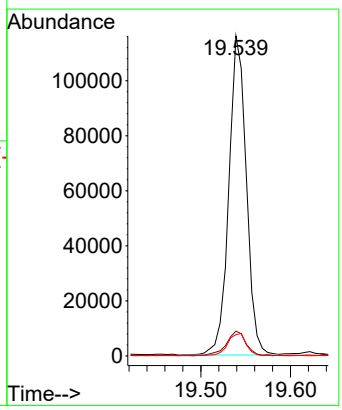


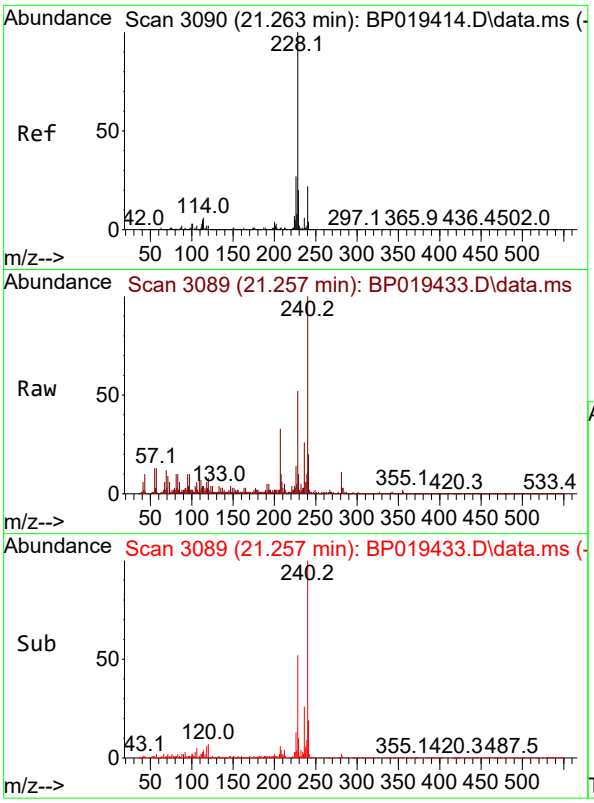


#82
Pyrene
Concen: 2.744 ng/ul
RT: 19.539 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Tgt Ion:202 Resp: 157427

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.2	10.8
100	6.6	5.8	8.6



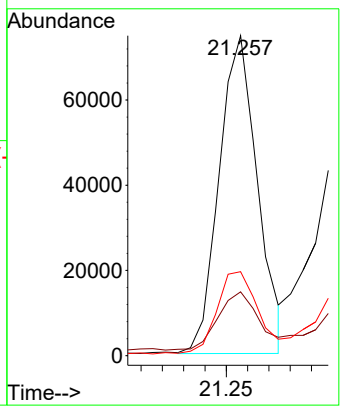


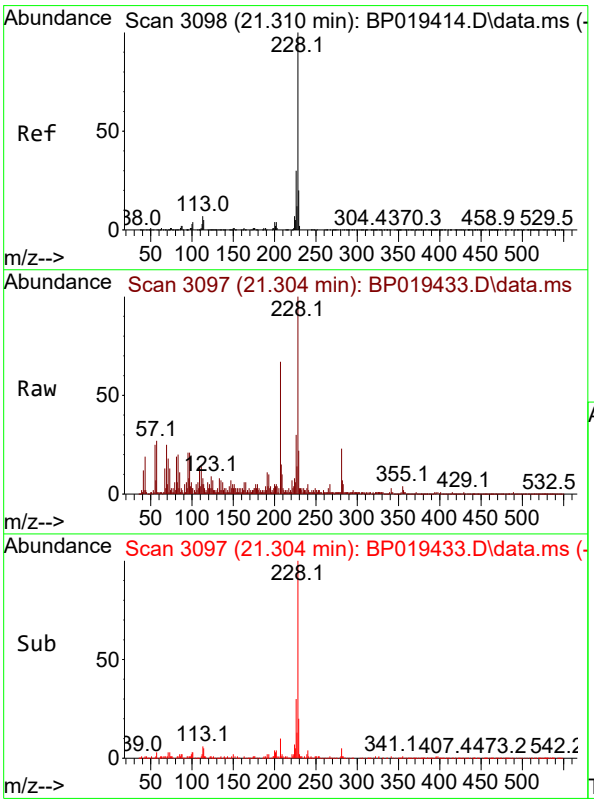
#85
Benzo(a)anthracene
Concen: 1.639 ng/ul
RT: 21.257 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 93592

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	26.2	21.6	32.4

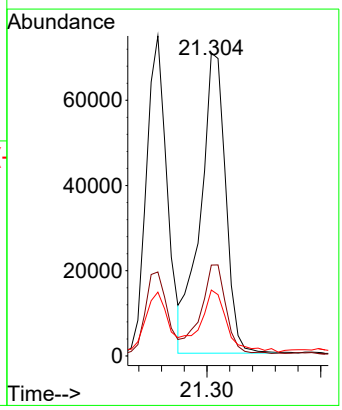


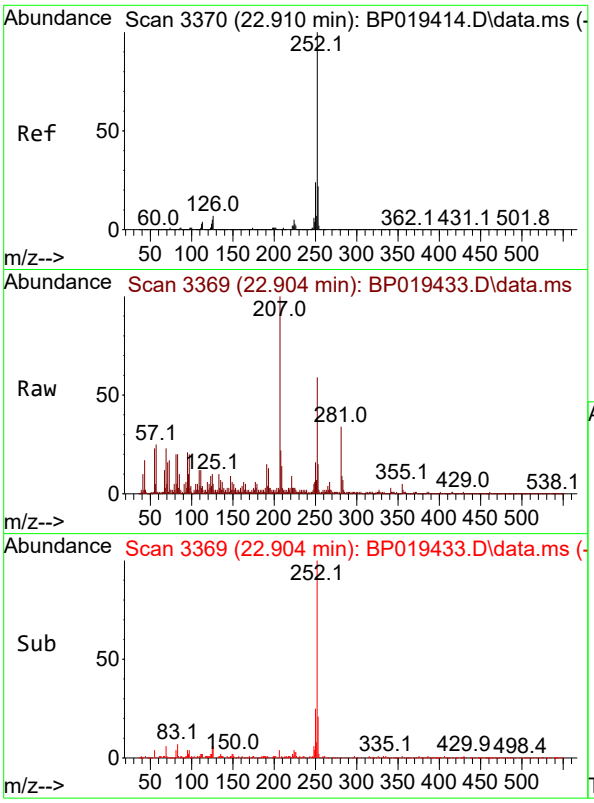


#87
Chrysene
Concen: 2.085 ng/ul
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Tgt Ion:228 Resp: 108827

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	21.7	15.5	23.3



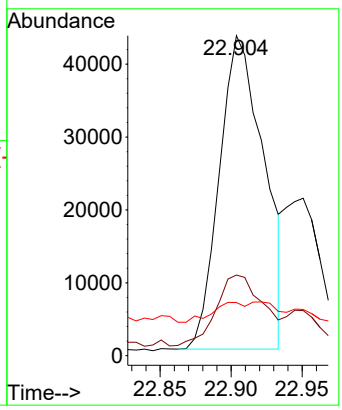


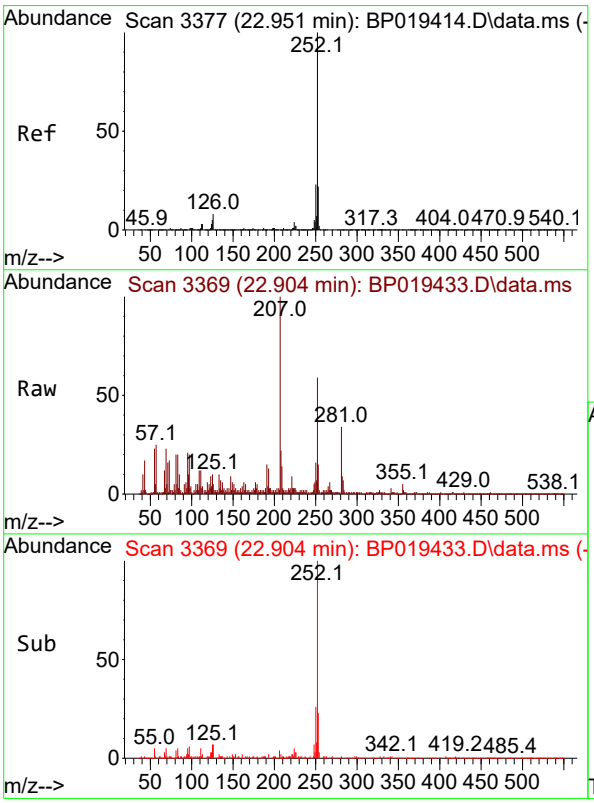
#90
Benzo(b)fluoranthene
Concen: 1.697 ng/ul
RT: 22.904 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 93849

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	16.6	4.9	7.3#





#91
Benzo(k)fluoranthene
Concen: 1.750 ng/ul
RT: 22.904 min Scan# 3369
Delta R.T. -0.053 min
Lab File: BP019433.D
Acq: 23 Jan 2024 22:57

Tgt Ion:252 Resp: 93849

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.3	25.9
125	16.6	4.8	7.2#