Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013270.D
Acq On : 23 Dec 2022 09:43
Operator : CG/JU
Sample : N6018-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYH3

Quant Time: Dec 24 00:22:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	623786	20.000	ng/ul	0.00
20) Naphthalene-d8	10.758	136	2553447	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	1536831	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	2786013	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2317736	20.000	ng/ul	0.00
88) Perylene-d12	23.922	264	2750422	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	55200	3.784	ng/uL	0.00
4) Pyridine-d5	3.764	84	803762	19.394	ng/ul	0.00
7) Phenol-d5	7.105	99	1096087	21.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	681095	22.222	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	899485	22.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	829951	19.936	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	434750	23.173	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	493890	23.384	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	917054	22.354	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	928084	16.025	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	2536882	21.479	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2926183	22.546	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	287082	13.512	ng/ul	0.00
60) Fluorene-d10	15.581	176	2124615	21.262	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	244009	13.610	ng/ul	0.00
73) Anthracene-d10	17.445	188	2823673	22.465	ng/ul	0.00
81) Pyrene-d10	19.681	212	2926549	21.998	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	3070811	22.400	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.392	178	224226	1.545	ng/ul	99
80) Fluoranthene	19.357	202	591505	3.917	ng/ul	100
82) Pyrene	19.710	202	470381	3.020	ng/ul	99
85) Benzo(a)anthracene	21.422	228	305153	1.983	ng/ul	99
87) Chrysene	21.475	228	310662	2.135	ng/ul	97
90) Benzo(b)fluoranthene	23.163	252	450580	2.569	ng/ul#	97
93) Benzo(a)pyrene	23.810	252	288015	1.886	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.515	276	226791	1.192	ng/ul	95
96) Benzo(g,h,i)perylene	27.315	276	220789	1.446	ng/ul	99

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

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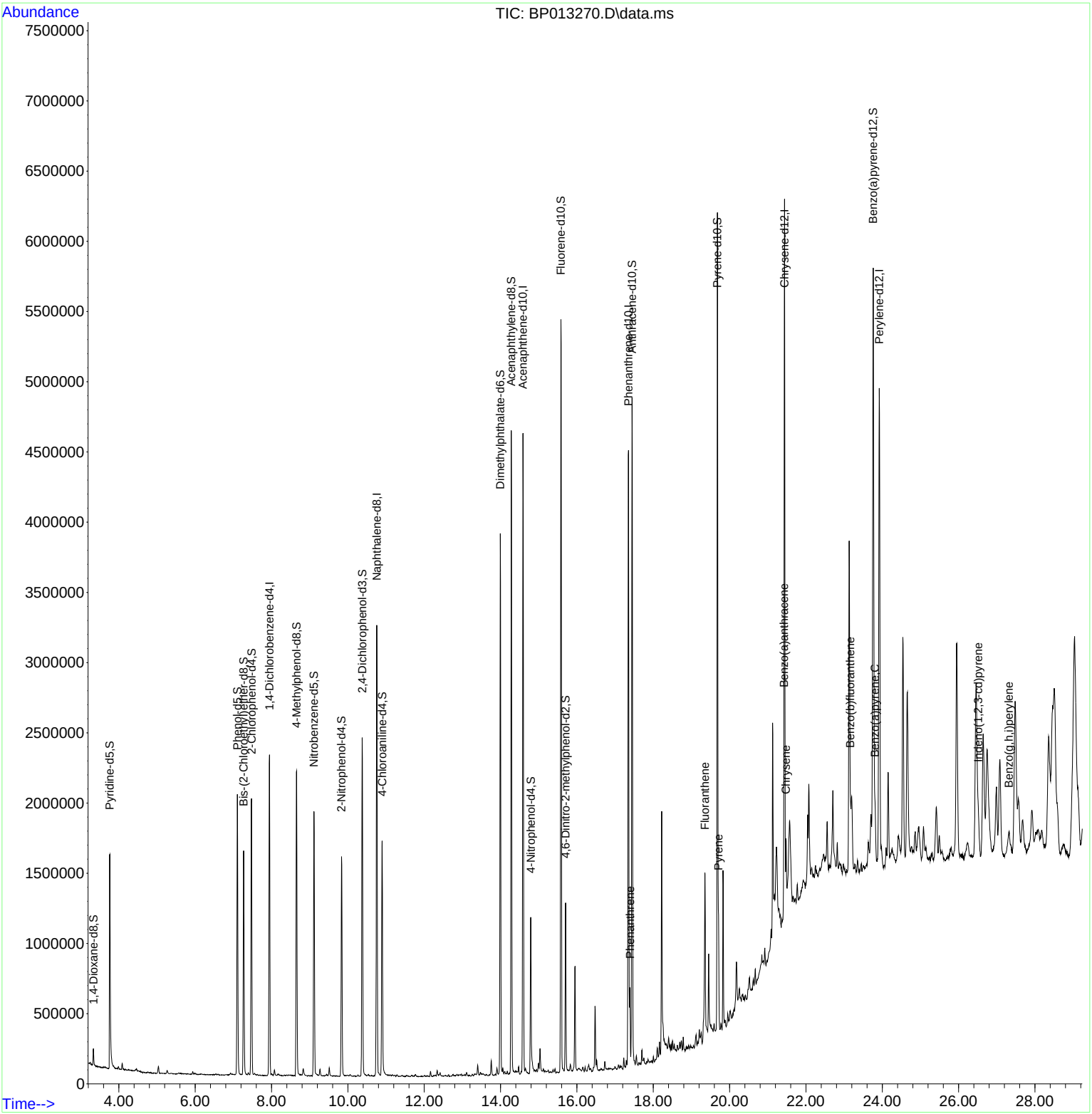
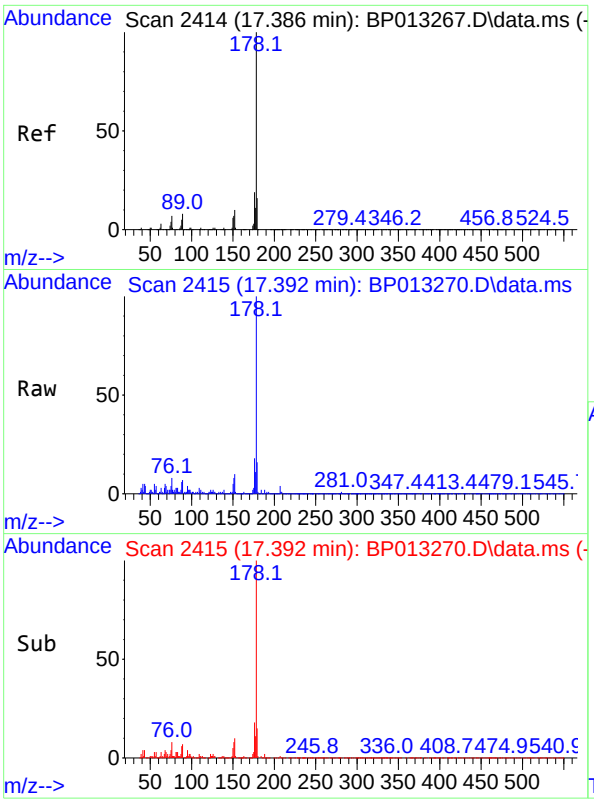


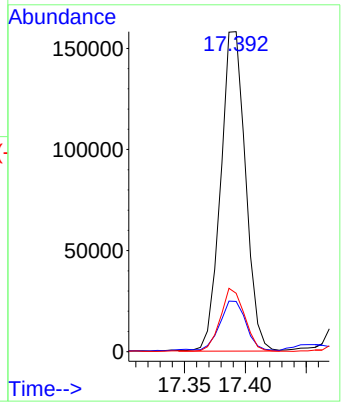


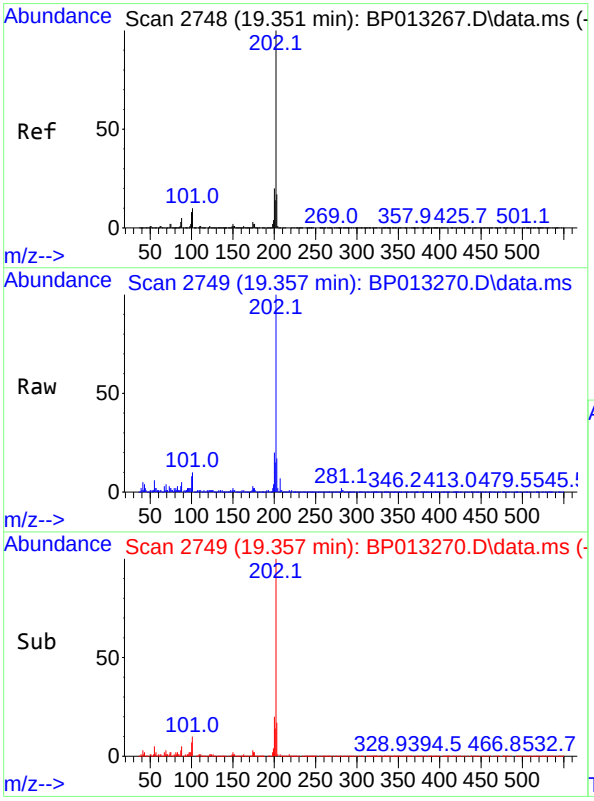
#72
Phenanthrene
Concen: 1.545 ng/ul
RT: 17.392 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Instrument :
BNA_P
ClientSampleId :
DBYH3

Tgt Ion:178 Resp: 224226

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.3	15.4	23.0

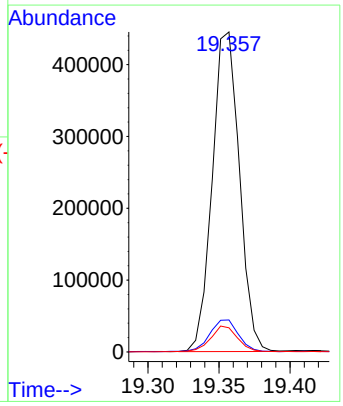


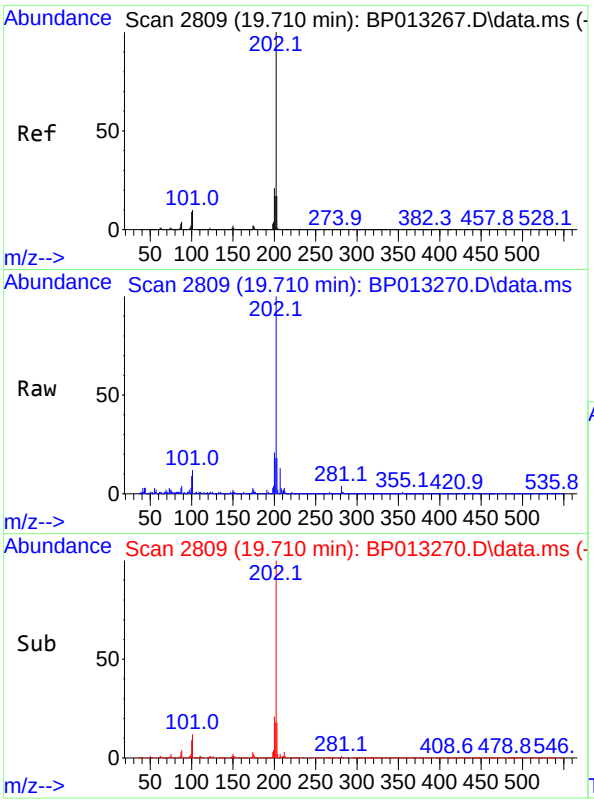


#80
Fluoranthene
Concen: 3.917 ng/ul
RT: 19.357 min Scan# 2749
Delta R.T. 0.006 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Tgt Ion:202 Resp: 591505

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.2
100	7.5	6.1	9.1



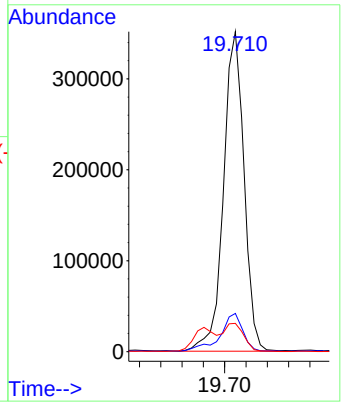


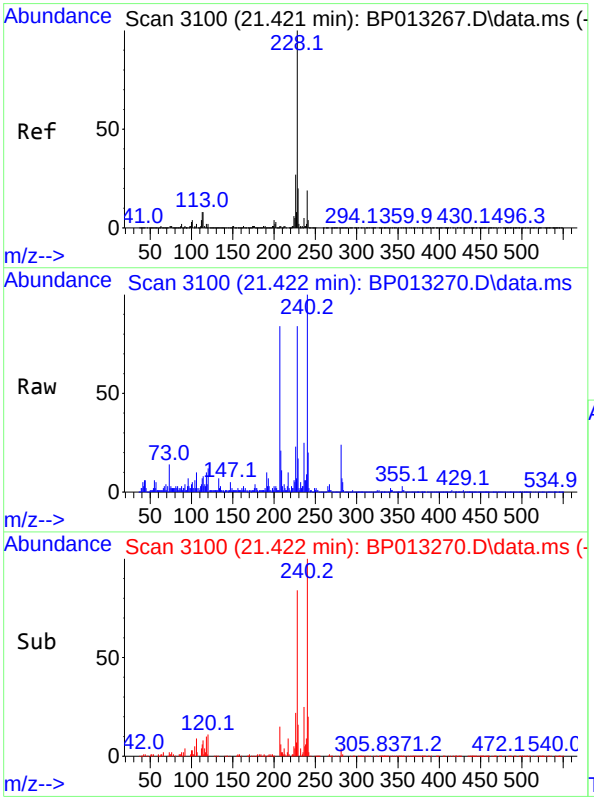
#82
Pyrene
Concen: 3.020 ng/ul
RT: 19.710 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Instrument :
BNA_P
ClientSampleId :
DBYH3

Tgt Ion:202 Resp: 470381

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.2
100	8.9	7.8	11.8

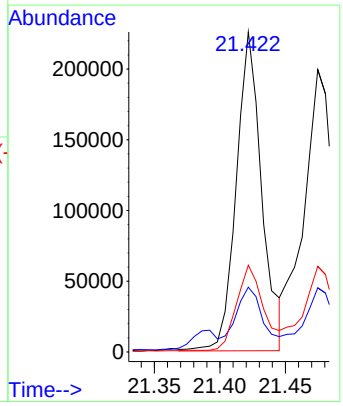


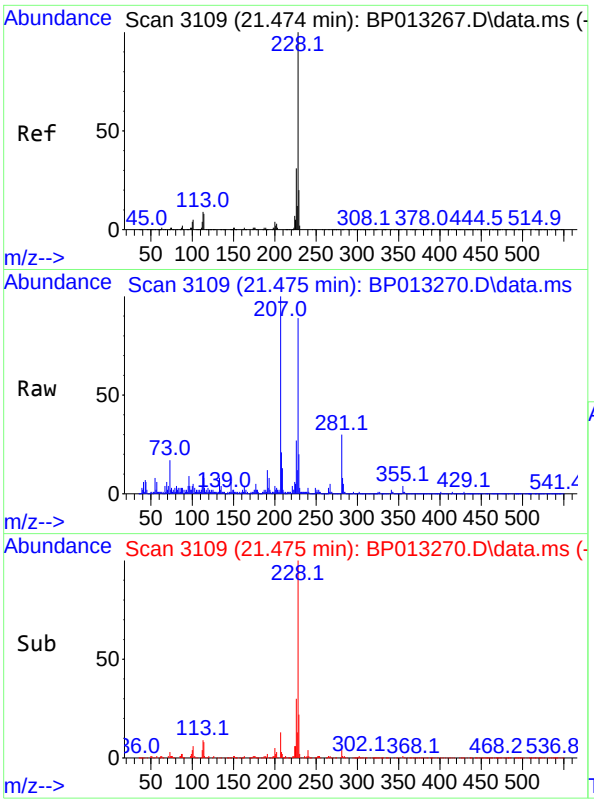


#85
Benzo(a)anthracene
Concen: 1.983 ng/ul
RT: 21.422 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Tgt Ion:228 Resp: 305153

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.1	24.1
226	27.1	22.0	33.0



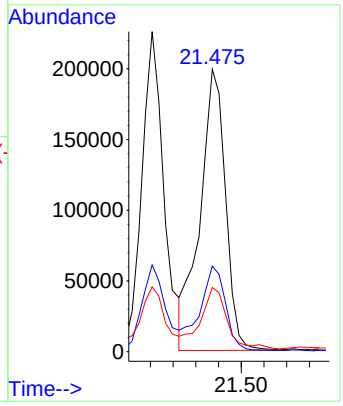


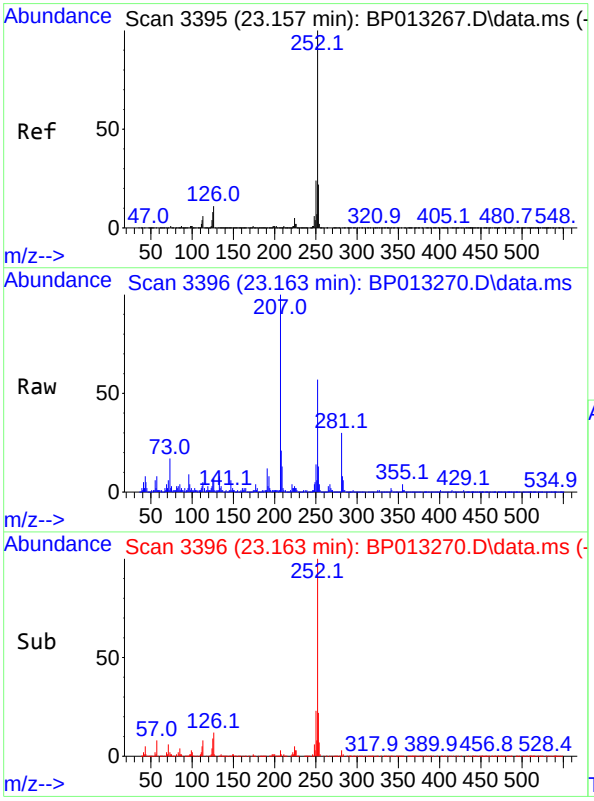
#87
Chrysene
Concen: 2.135 ng/ul
RT: 21.475 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Instrument :
BNA_P
ClientSampleId :
DBYH3

Tgt Ion:228 Resp: 310662

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.7	16.0	24.0

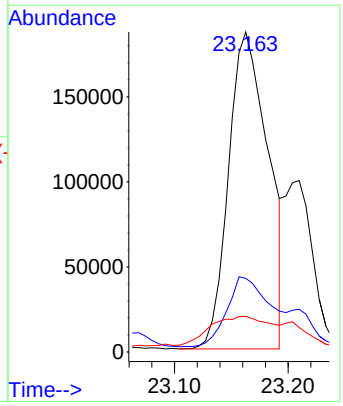


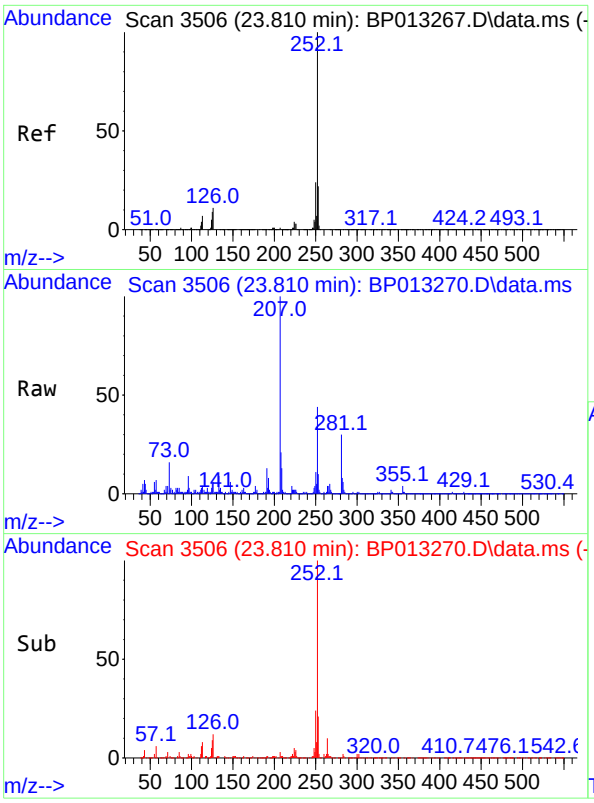


#90
Benzo(b)fluoranthene
Concen: 2.569 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Tgt Ion:252 Resp: 450580

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.1	6.8	10.2#



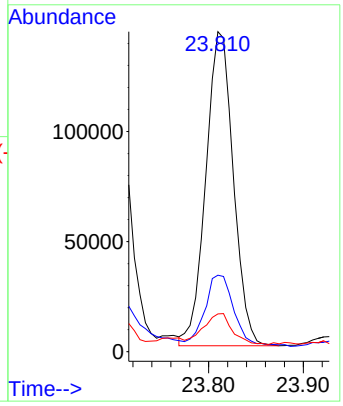


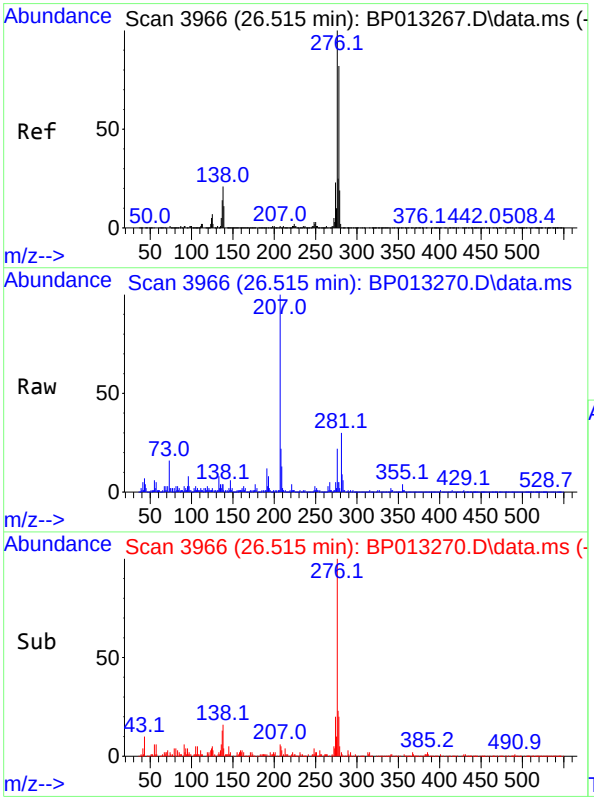
#93
Benzo(a)pyrene
Concen: 1.886 ng/ul
RT: 23.810 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Instrument :
BNA_P
ClientSampleId :
DBYH3

Tgt Ion:252 Resp: 288015

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.8	7.5	11.3#

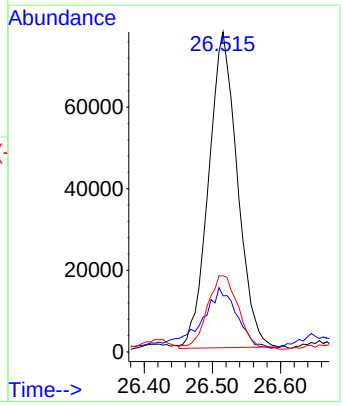


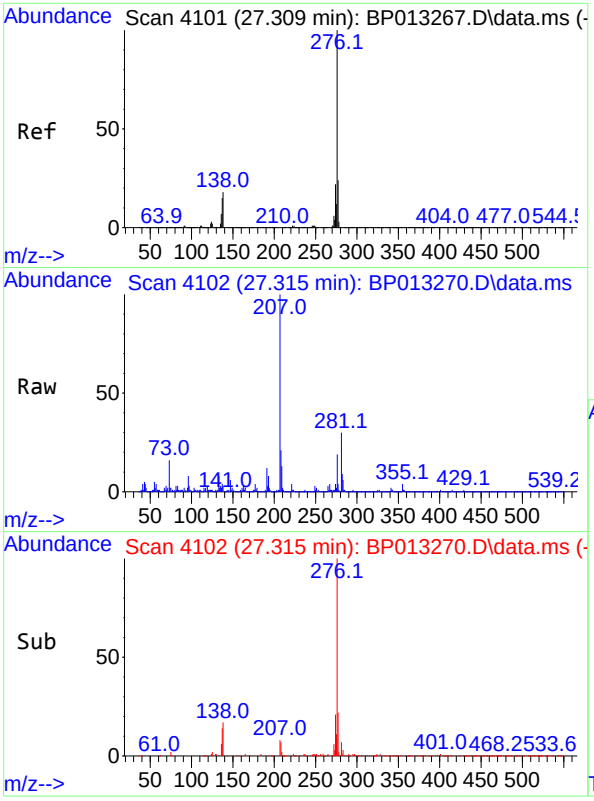


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.192 ng/ul
RT: 26.515 min Scan# 3966
Delta R.T. 0.000 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Tgt Ion:276 Resp: 226791

Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.1	25.7
277	23.8	20.0	30.0





#96
Benzo(g,h,i)perylene
Concen: 1.446 ng/ul
RT: 27.315 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP013270.D
Acq: 23 Dec 2022 09:43

Instrument :
BNA_P
ClientSampleId :
DBYH3

Tgt Ion:276 Resp: 220789

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.4	23.2
277	23.1	19.1	28.7