Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023270.D
Acq On : 17 Dec 2022 10:20
Operator : CG/JU
Sample : N5925-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBXV7

Quant Time: Dec 19 00:14:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	237859	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1096943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	740675	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1700593	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1574834	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1493142	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	24380	4.241	ng/uL	0.00
4) Pyridine-d5	3.775	84	238425	14.049	ng/ul	0.00
7) Phenol-d5	7.157	99	817721	36.964	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	413665	32.133	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	644089	38.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	642587	36.178	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	308385	36.386	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	350578	39.274	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	668069	39.644	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	535699	19.757	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2035258	36.667	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2393363	38.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	442071	35.660	ng/ul	0.00
60) Fluorene-d10	15.639	176	1768295	37.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	328700	32.835	ng/ul	0.00
73) Anthracene-d10	17.498	188	2849280	37.385	ng/ul	0.00
81) Pyrene-d10	19.792	212	3451360	40.288	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2955208	40.379	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.187	94	29327	1.312	ng/ul	98
16) Acetophenone	8.828	105	107483	3.999	ng/ul	99
72) Phenanthrene	17.439	178	209331	2.326	ng/ul	99
80) Fluoranthene	19.451	202	634030	6.364	ng/ul	99
82) Pyrene	19.816	202	580829	5.550	ng/ul	98
85) Benzo(a)anthracene	21.568	228	379878	3.600	ng/ul	96
87) Chrysene	21.621	228	479535	4.816	ng/ul	96
90) Benzo(b)fluoranthene	23.286	252	649833	6.900	ng/ul#	88
91) Benzo(k)fluoranthene	23.286	252	649833	7.251	ng/ul#	91
93) Benzo(a)pyrene	23.927	252	384138	4.746	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	264958	2.584	ng/ul	96
96) Benzo(g,h,i)perylene	27.386	276	202618	2.498	ng/ul	98

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

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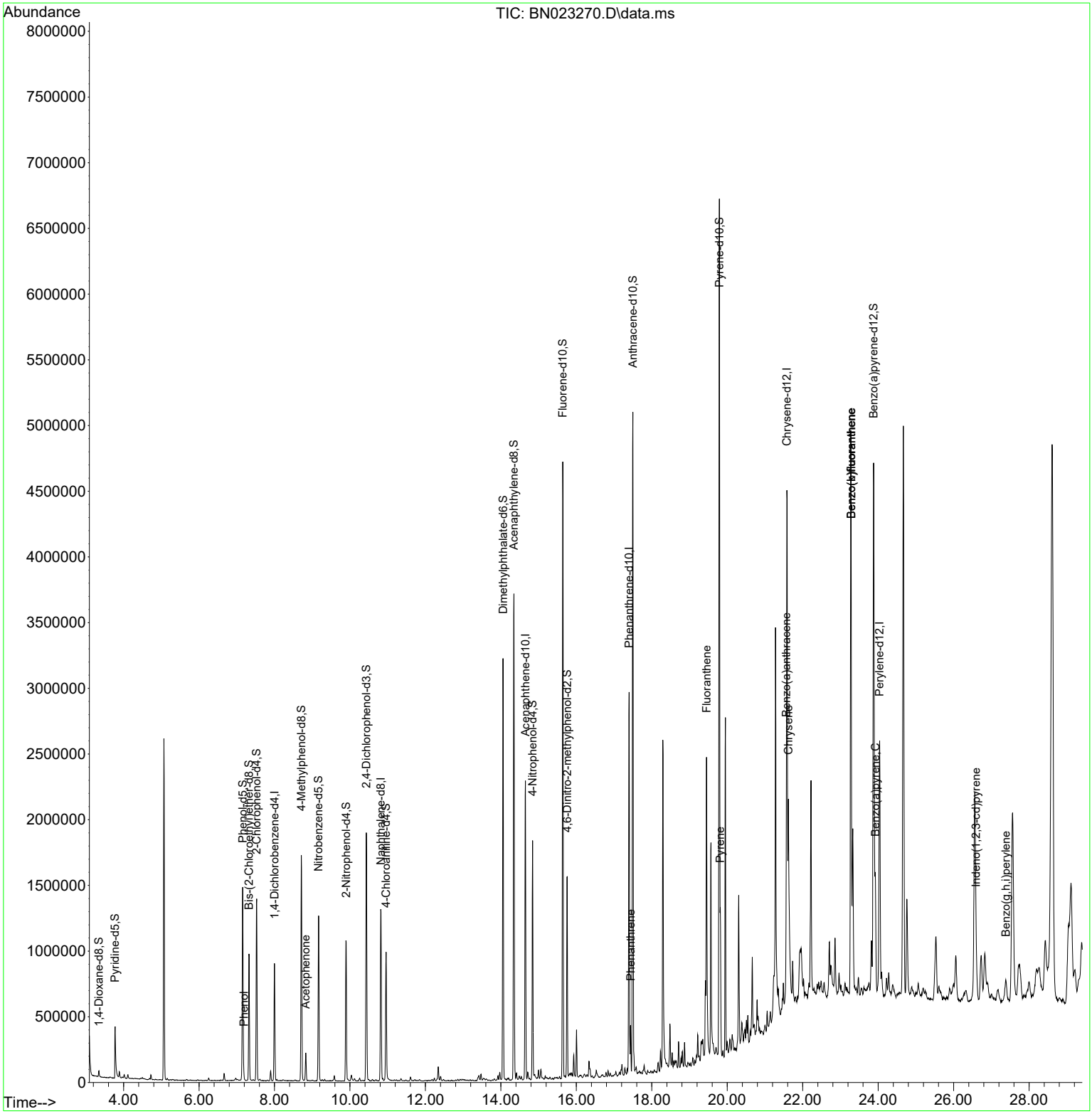
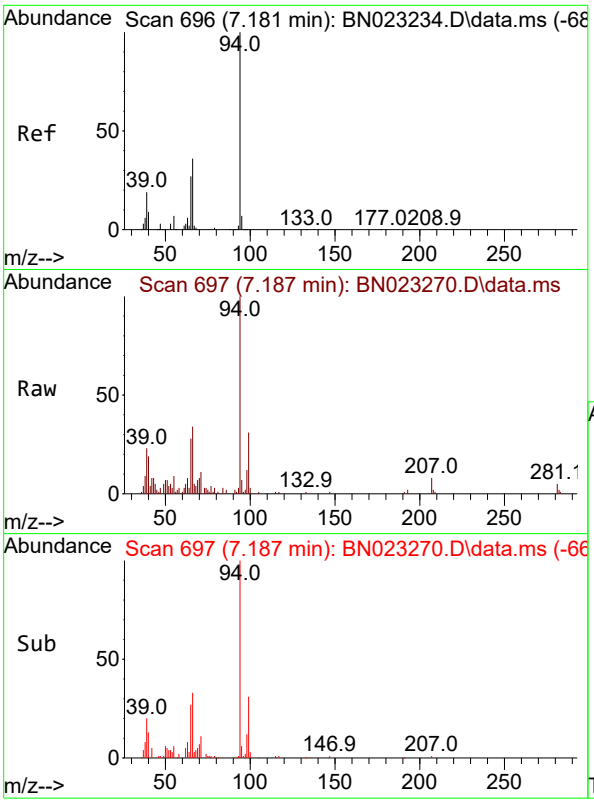
Quant Time: Dec 19 00:14:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration



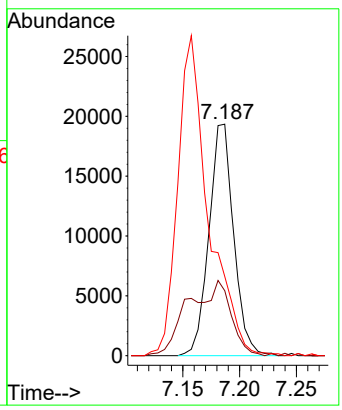


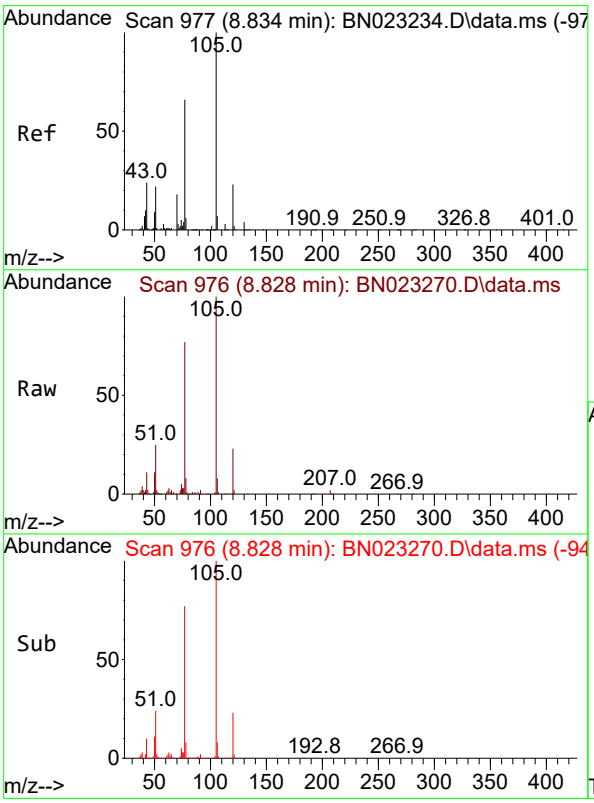
#8
Phenol
Concen: 1.312 ng/ul
RT: 7.187 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :
BNA_N
ClientSampleId :
DBXV7

Tgt Ion: 94 Resp: 29327

Ion	Ratio	Lower	Upper
94	100		
65	28.1	21.8	32.6
66	34.2	28.4	42.6

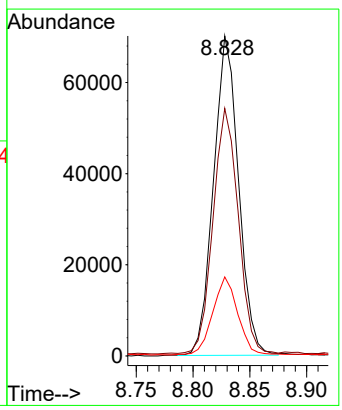


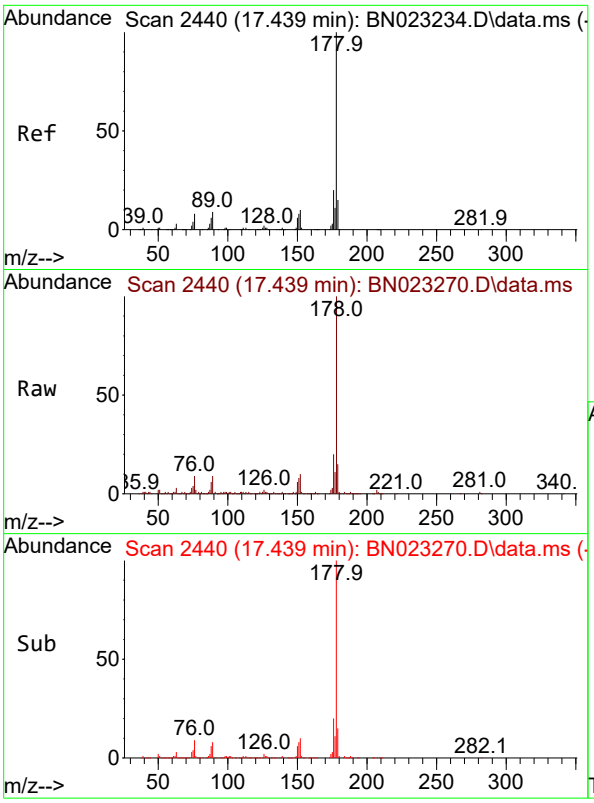


#16
Acetophenone
Concen: 3.999 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:105 Resp: 107483

Ion	Ratio	Lower	Upper
105	100		
77	77.3	61.4	92.0
51	24.7	20.0	30.0



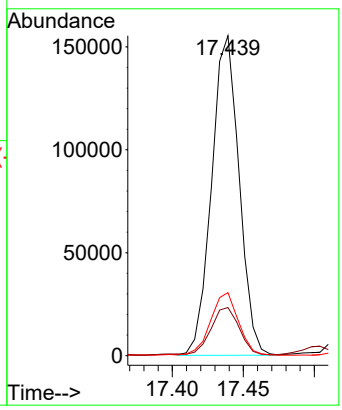


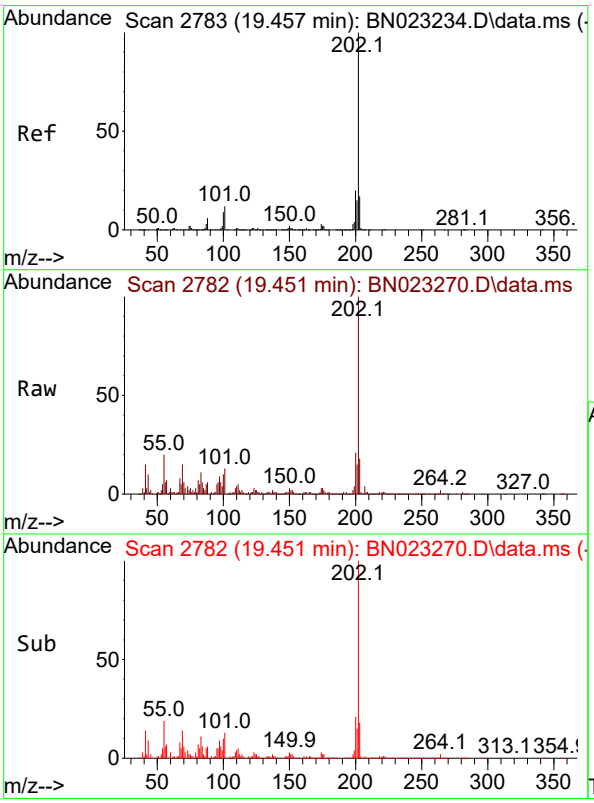
#72
Phenanthrene
Concen: 2.326 ng/ul
RT: 17.439 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :
BNA_N
ClientSampleId :
DBXV7

Tgt Ion:178 Resp: 209331

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.7	15.4	23.0

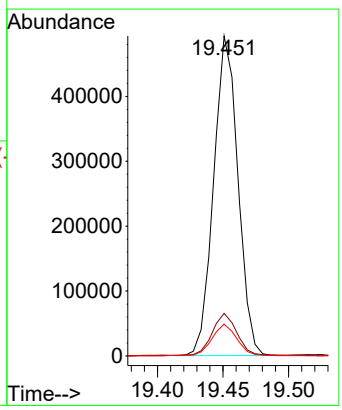


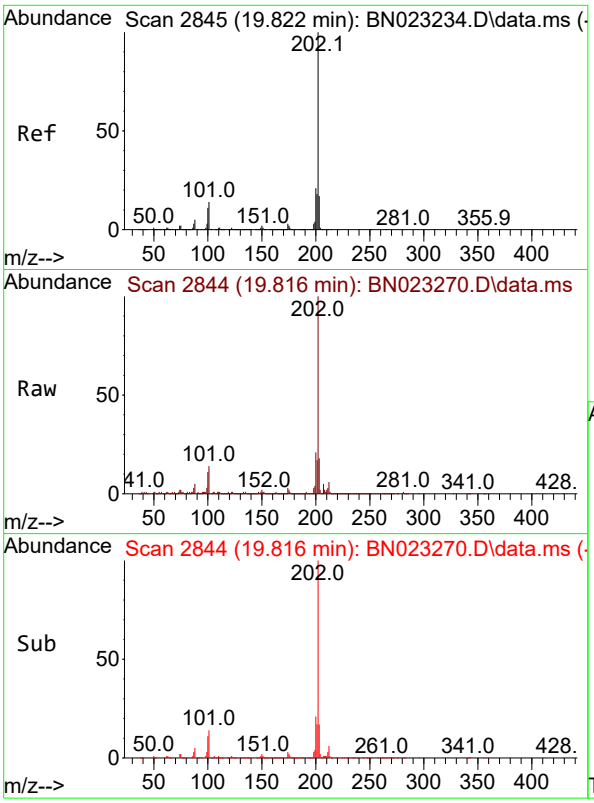


#80
Fluoranthene
Concen: 6.364 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:202 Resp: 634030

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.4	15.6
100	9.9	7.6	11.4



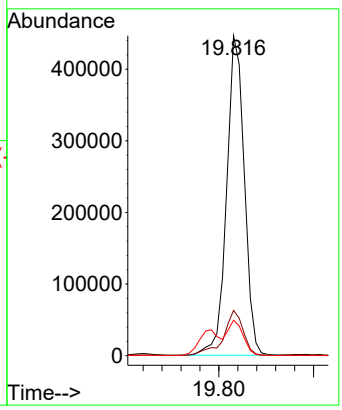


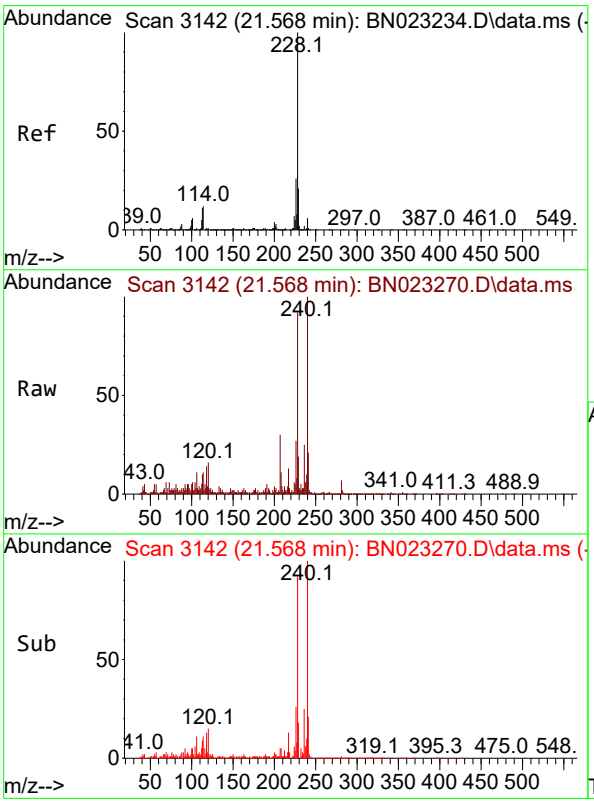
#82
Pyrene
Concen: 5.550 ng/ul
RT: 19.816 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :
BNA_N
ClientSampleId :
DBXV7

Tgt Ion:202 Resp: 580829

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.0	18.0
100	11.1	9.5	14.3

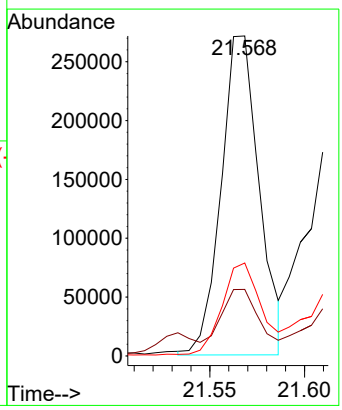


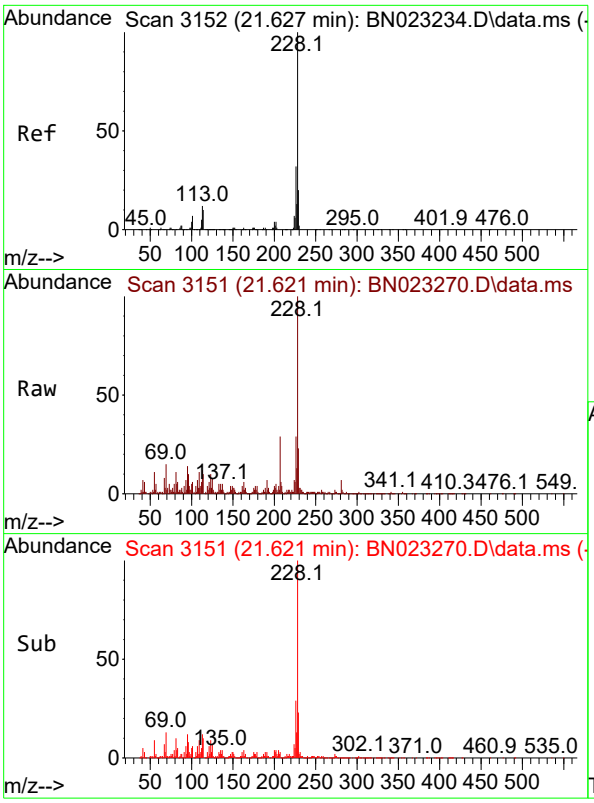


#85
Benzo(a)anthracene
Concen: 3.600 ng/ul
RT: 21.568 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:228 Resp: 379878

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	29.1	21.4	32.0



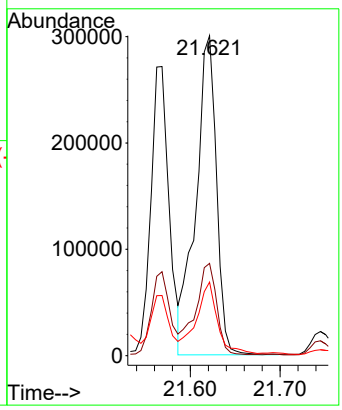


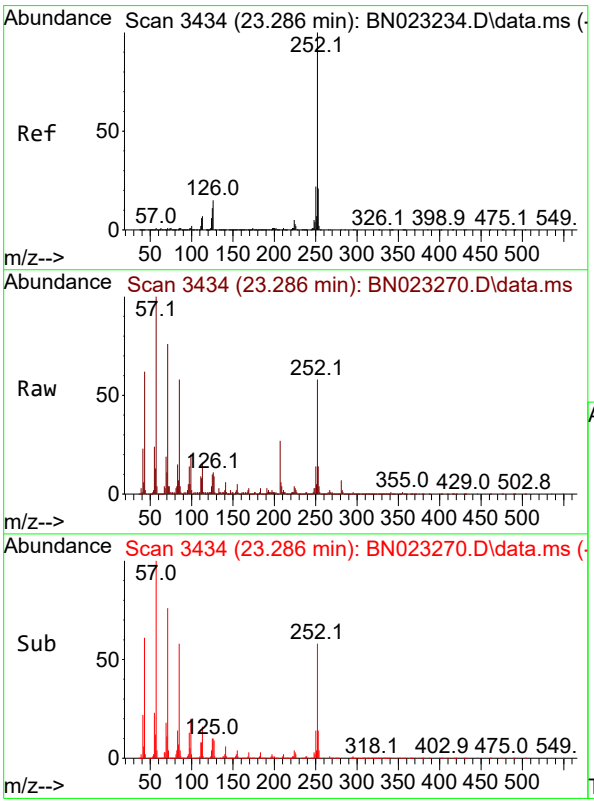
#87
Chrysene
Concen: 4.816 ng/ul
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :
BNA_N
ClientSampleId :
DBXV7

Tgt Ion:228 Resp: 479535

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.6	36.8
229	23.0	16.5	24.7

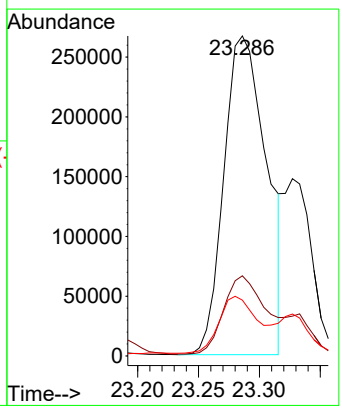


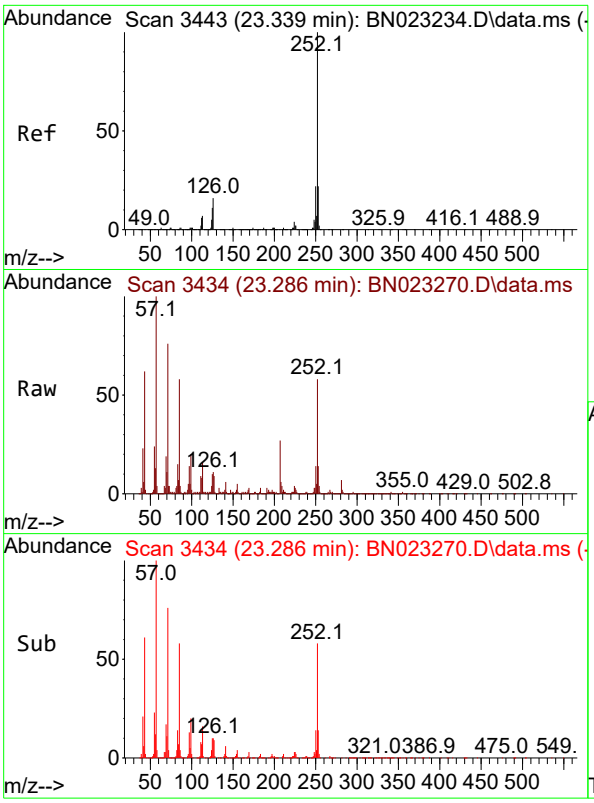


#90
Benzo(b)fluoranthene
Concen: 6.900 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:252 Resp: 649833

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.8	25.2
125	17.5	8.8	13.2#



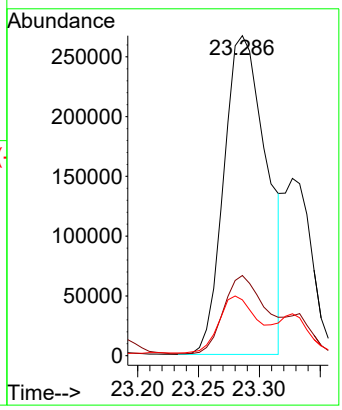


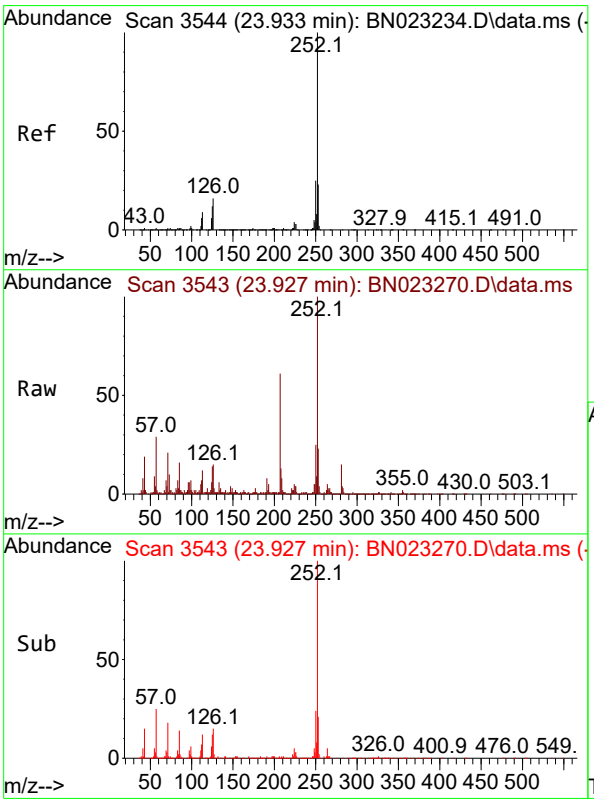
#91
Benzo(k)fluoranthene
Concen: 7.251 ng/ul
RT: 23.286 min Scan# 34
Delta R.T. -0.047 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :
BNA_N
ClientSampleId :
DBXV7

Tgt Ion:252 Resp: 649833

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	17.5	9.0	13.6#

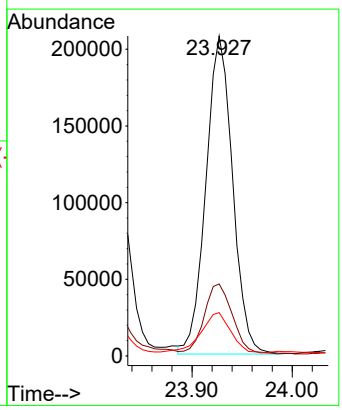


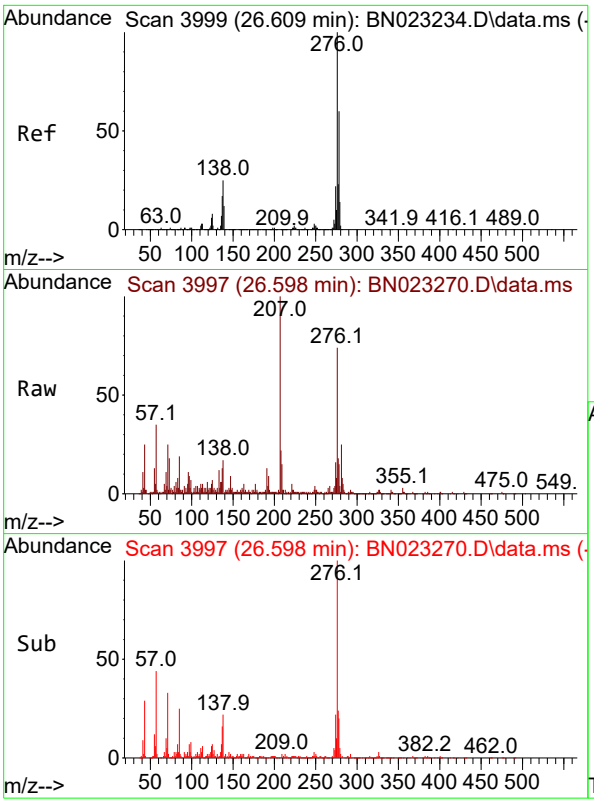


#93
Benzo(a)pyrene
Concen: 4.746 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:252 Resp: 384138

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.6	9.4	14.2



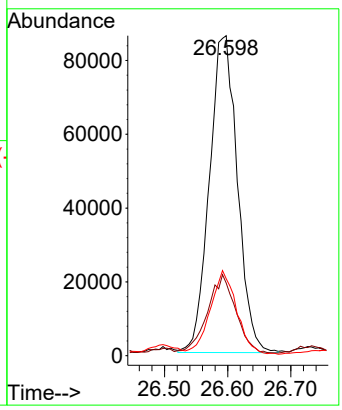


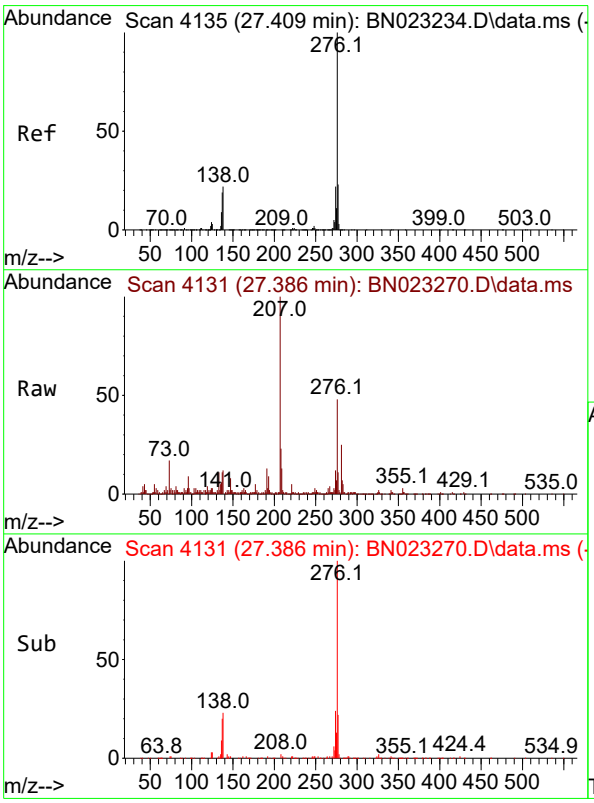
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.584 ng/ul
RT: 26.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :
BNA_N
ClientSampleId :
DBXV7

Tgt Ion:276 Resp: 264958

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.6	30.8
277	24.1	18.2	27.2





#96
Benzo(g,h,i)perylene
Concen: 2.498 ng/ul
RT: 27.386 min Scan# 4131
Delta R.T. -0.006 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:276 Resp: 202618

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.2	28.8
277	22.8	19.3	28.9