

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022247.D
 Acq On : 05 Oct 2024 04:01
 Operator : RC/JU
 Sample : P4083-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ES2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 05:07:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 05:25:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	124344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	469030	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	349529	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.104	188	814034	20.000	ng/u1	0.01
79) Chrysene-d12	21.533	240	1055617	20.000	ng/u1	0.00
88) Perylene-d12	24.798	264	1290220	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	3285	1.035	ng/uL	0.00
4) Pyridine-d5	3.640	84	8141	0.897	ng/u1	0.01
7) Phenol-d5	6.875	99	58547	5.756	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	36406	5.813	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	45869	6.233	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	26066	3.234	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	22253	6.339	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	25747	6.468	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	56462	6.532	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	21597	2.094	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	199925	7.399	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	200854	7.021	ng/u1	0.01
54) 4-Nitrophenol-d4	14.534	143	17640m	3.817	ng/u1	0.02
60) Fluorene-d10	15.322	176	184922	7.737	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.433	200	21007	4.157	ng/u1	0.00
73) Anthracene-d10	17.198	188	283723	7.466	ng/u1	0.00
81) Pyrene-d10	19.586	212	327798	5.994	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.574	264	293507	4.325	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.499	105	36941	2.755	ng/u1	96
72) Phenanthrene	17.139	178	231572	5.426	ng/u1	100
80) Fluoranthene	19.233	202	442131	7.073	ng/u1	98
82) Pyrene	19.610	202	288715	4.291	ng/u1	97
85) Benzo(a)anthracene	21.510	228	228503	3.141	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	53436	1.553	ng/u1#	97
87) Chrysene	21.574	228	243293	3.563	ng/u1	98
90) Benzo(b)fluoranthene	23.762	252	340307	4.249	ng/u1	99
91) Benzo(k)fluoranthene	23.827	252	138274	1.732	ng/u1	95
93) Benzo(a)pyrene	24.645	252	109374	1.482	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.515	276	115706m	1.202	ng/u1	

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

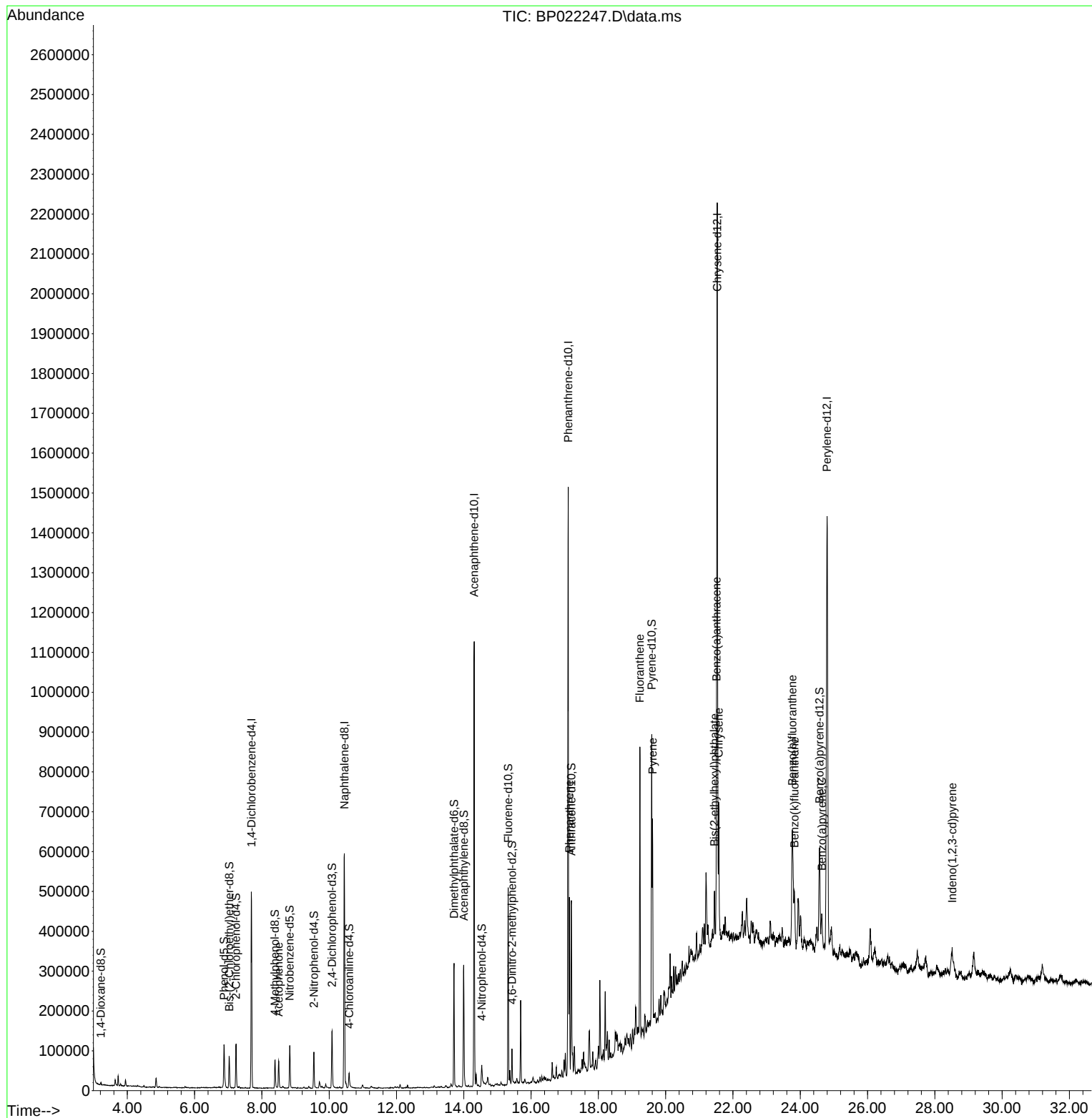
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
Data File : BP022247.D
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ALS Vial : 22 Sample Multiplier: 1

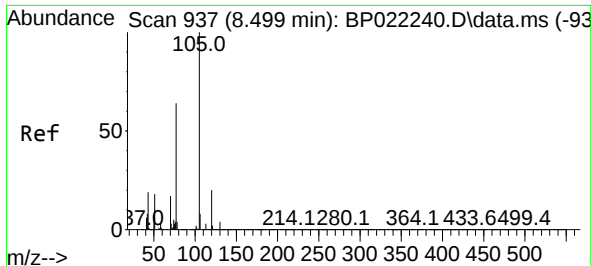
Instrument :
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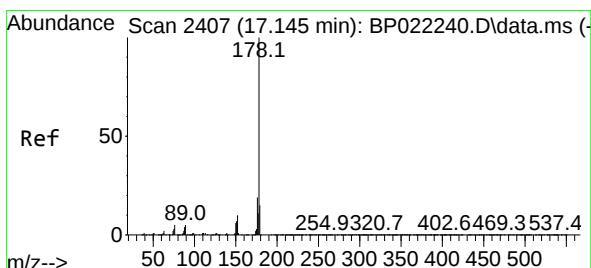
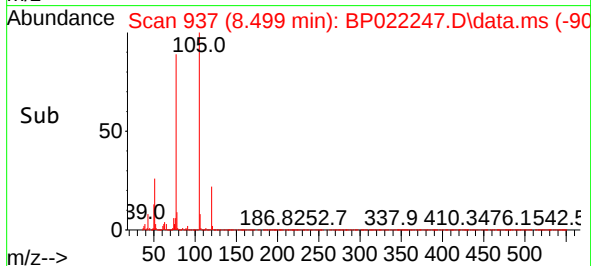
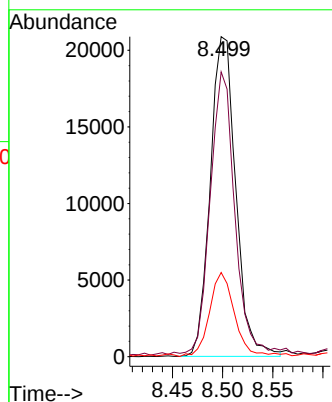
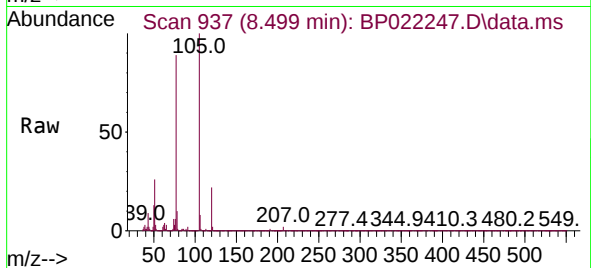
#16
Acetophenone
Concen: 2.755 ng/ul
RT: 8.499 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022247.D
Acq: 05 Oct 2024 04:01

Instrument :
BNA_P
ClientSampleId :
A4ES2

Tgt Ion:105 Resp: 3694
Ion Ratio Lower Upper
105 100
77 89.0 67.9 101.9
51 26.3 19.8 29.6

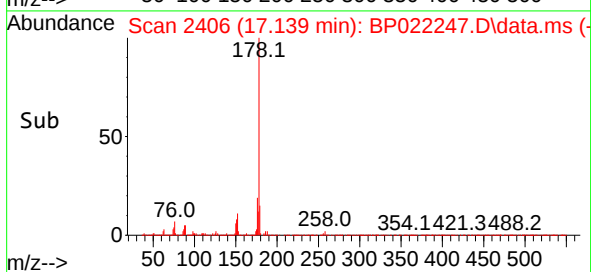
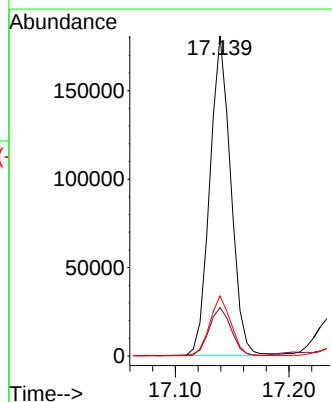
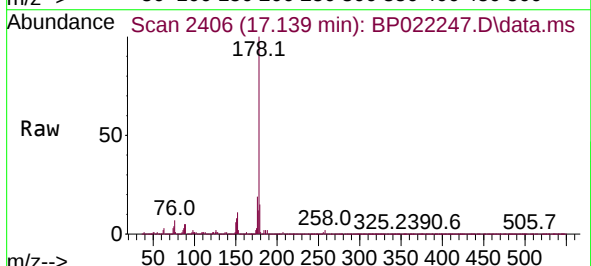
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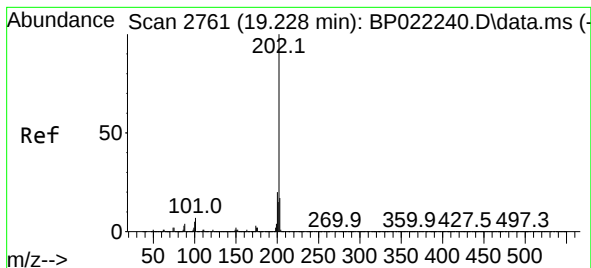
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 5.426 ng/ul
RT: 17.139 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP022247.D
Acq: 05 Oct 2024 04:01

Tgt Ion:178 Resp: 231572
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.7 15.0 22.6





#80

Fluoranthene

Concen: 7.073 ng/u1

RT: 19.233 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP022247.D

Acq: 05 Oct 2024 04:01

Instrument :

BNA_P

ClientSampleId :

A4ES2

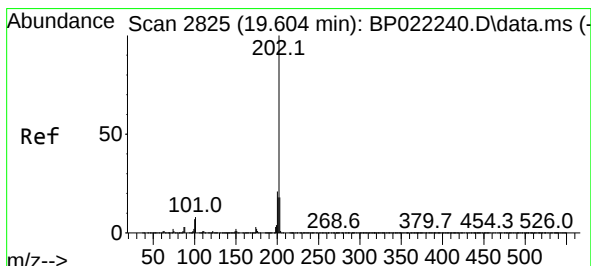
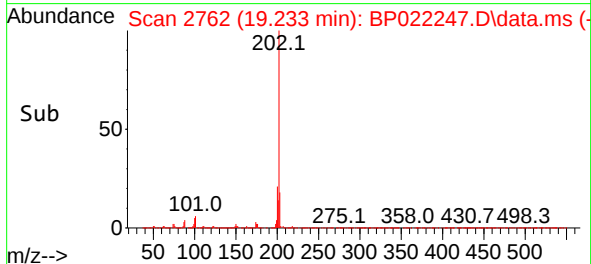
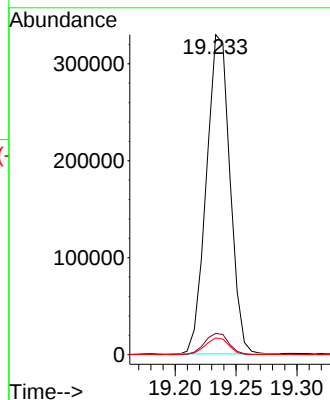
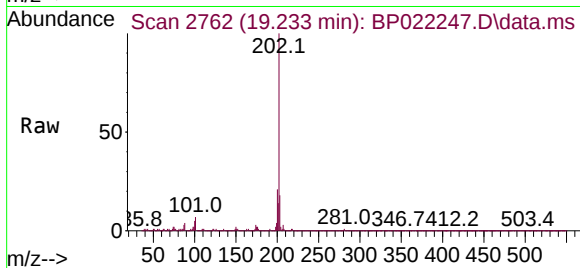
Tgt Ion:202 Resp: 44213
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.8 8.6
 100 5.3 4.6 7.0

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#82

Pyrene

Concen: 4.291 ng/u1

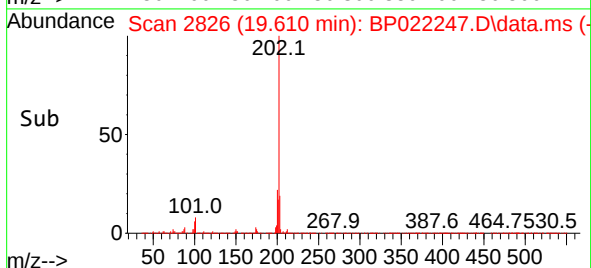
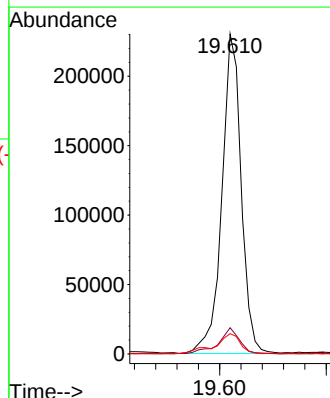
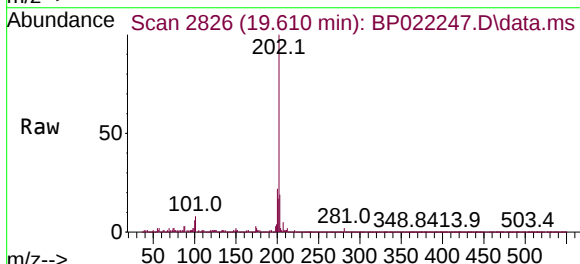
RT: 19.610 min Scan# 2826

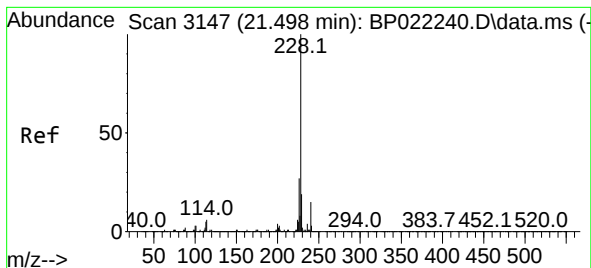
Delta R.T. 0.006 min

Lab File: BP022247.D

Acq: 05 Oct 2024 04:01

Tgt Ion:202 Resp: 288715
 Ion Ratio Lower Upper
 202 100
 101 8.2 7.4 11.0
 100 6.4 6.2 9.2





#85

Benzo(a)anthracene

Concen: 3.141 ng/ul

RT: 21.510 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BP022247.D

Acq: 05 Oct 2024 04:01

Instrument :

BNA_P

ClientSampleId :

A4ES2

Tgt Ion:228 Resp: 22850

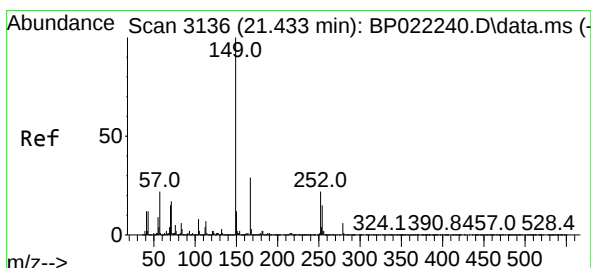
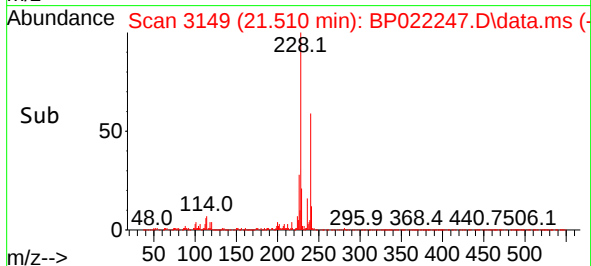
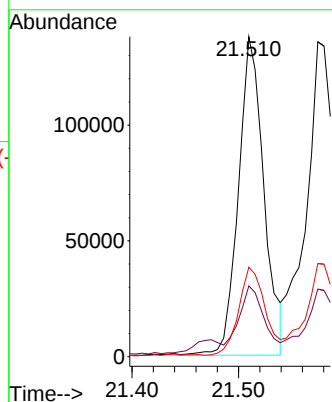
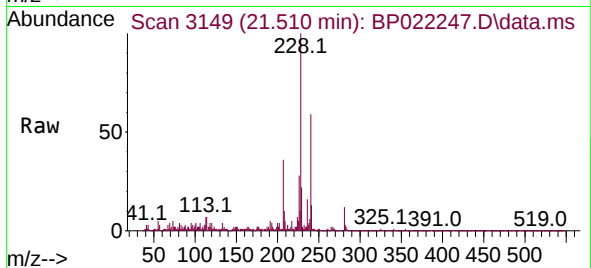
Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	28.0	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.553 ng/ul

RT: 21.451 min Scan# 3139

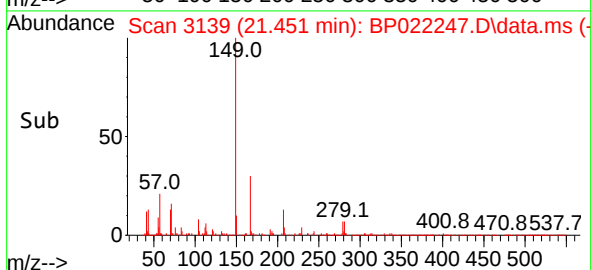
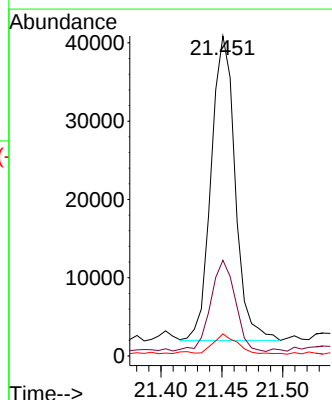
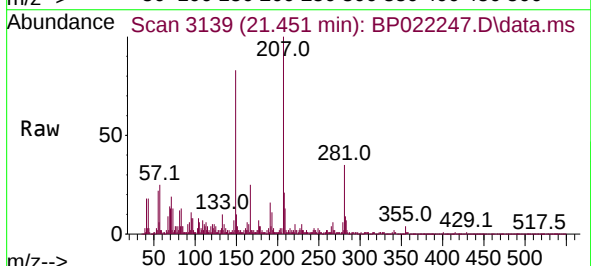
Delta R.T. 0.006 min

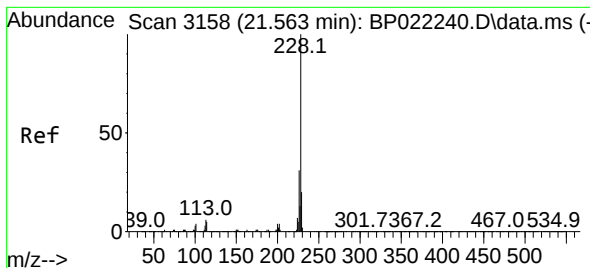
Lab File: BP022247.D

Acq: 05 Oct 2024 04:01

Tgt Ion:149 Resp: 53436

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.0	34.4
279	6.9	4.5	6.7#





#87

Chrysene

Concen: 3.563 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP022247.D

Acq: 05 Oct 2024 04:01

Instrument :

BNA_P

ClientSampleId :

A4ES2

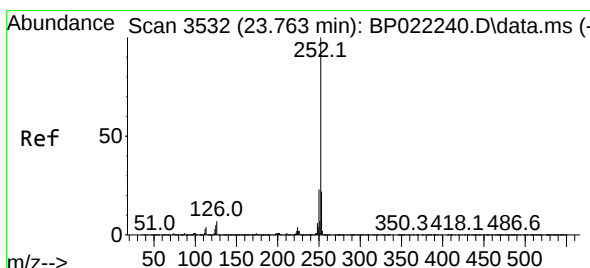
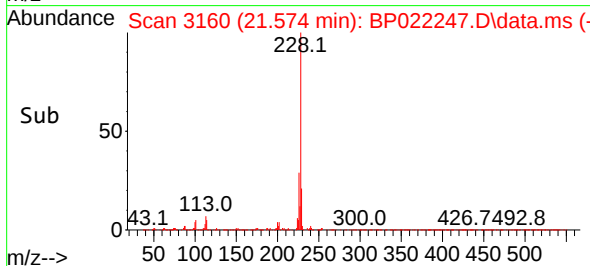
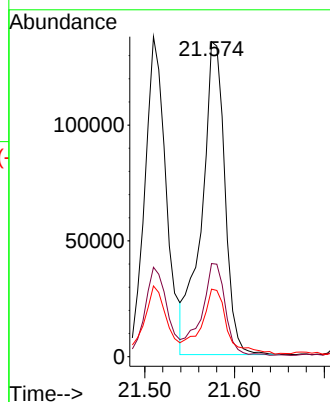
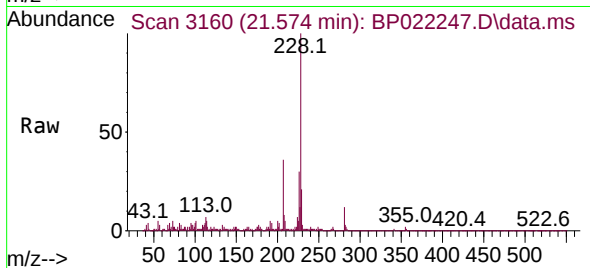
Tgt Ion:	228	Resp:	24329
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.6	35.4
229	21.5	15.7	23.5

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#90

Benzo(b)fluoranthene

Concen: 4.249 ng/ul

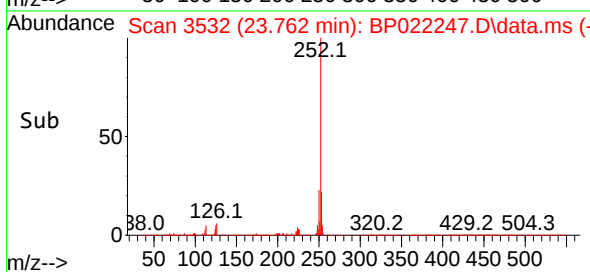
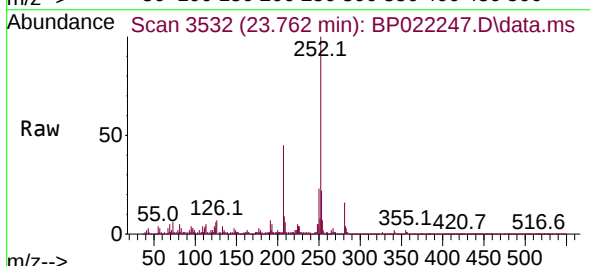
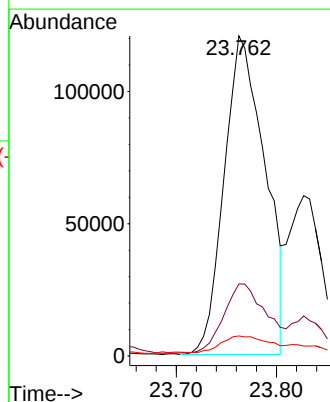
RT: 23.762 min Scan# 3532

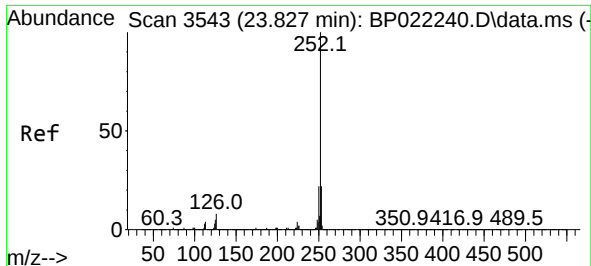
Delta R.T. 0.006 min

Lab File: BP022247.D

Acq: 05 Oct 2024 04:01

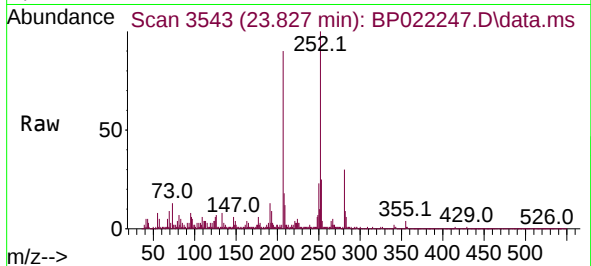
Tgt Ion:	252	Resp:	340307
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	6.3	4.8	7.2





#91
Benzo(k)fluoranthene
Concen: 1.732 ng/u1
RT: 23.827 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BP022247.D
Acq: 05 Oct 2024 04:01

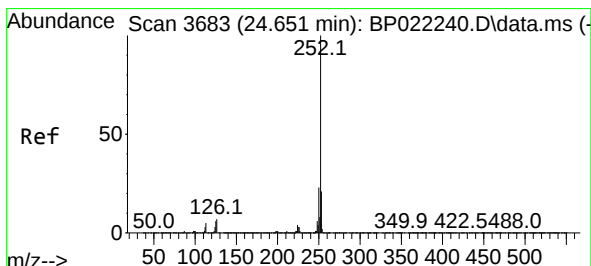
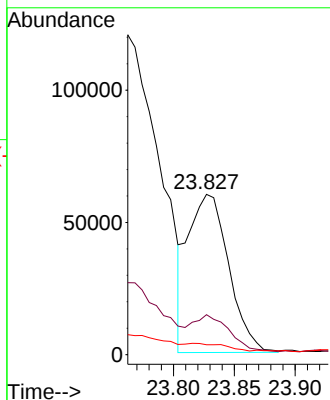
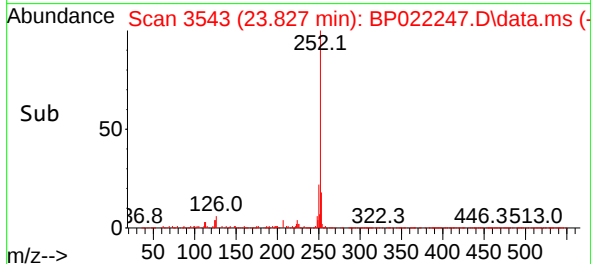
Instrument :
BNA_P
ClientSampleId :
A4ES2



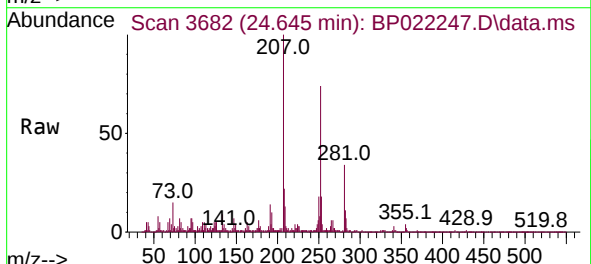
Tgt Ion:252 Resp: 138274
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 6.2 5.0 7.6

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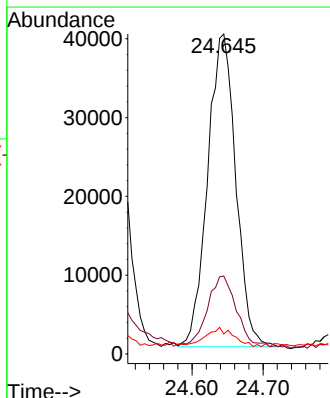
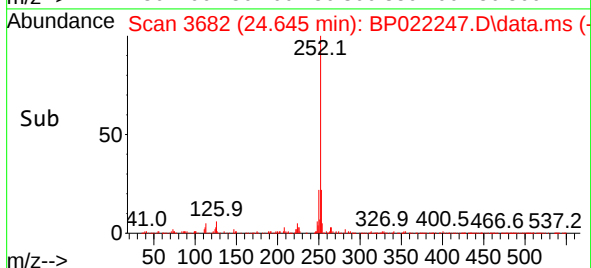
Reviewed By :Yogesh Patel 10/06/2024
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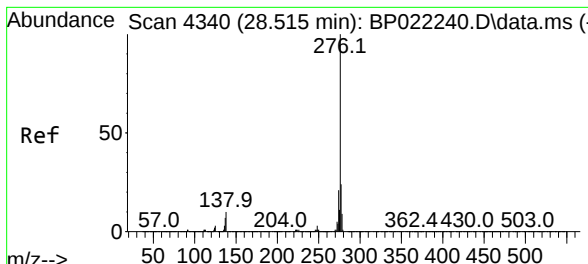


#93
Benzo(a)pyrene
Concen: 1.482 ng/u1
RT: 24.645 min Scan# 3682
Delta R.T. -0.000 min
Lab File: BP022247.D
Acq: 05 Oct 2024 04:01



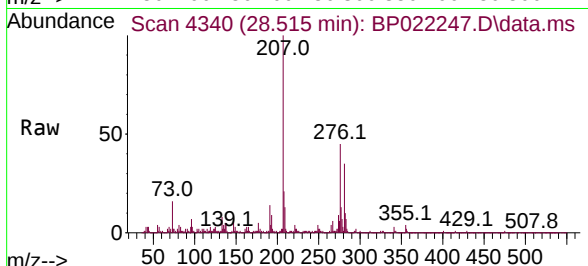
Tgt Ion:252 Resp: 109374
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 6.3 4.8 7.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.202 ng/ul m
 RT: 28.515 min Scan# 4340
 Delta R.T. 0.006 min
 Lab File: BP022247.D
 Acq: 05 Oct 2024 04:01

Instrument :
 BNA_P
 ClientSampleId :
 A4ES2



Tgt Ion: 276 Resp: 115700

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.2	13.8
277	27.8	19.4	29.0

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