

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022248.D
 Acq On : 05 Oct 2024 04:43
 Operator : RC/JU
 Sample : P4083-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EK2

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 05:38:39 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	178644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	693094	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	516922	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.110	188	1182623	20.000	ng/u1	0.02
79) Chrysene-d12	21.539	240	1218192	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1439874m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	4173	0.915	ng/uL	0.00
4) Pyridine-d5	3.646	84	8969m	0.688	ng/u1	0.02
7) Phenol-d5	6.875	99	62214	4.257	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	52677	5.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	57784	5.465	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	21593	1.865	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	32677	6.299	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	36117	6.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	69565	5.446	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	22547	1.479	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	272630	6.823	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	277378	6.556	ng/u1	0.02
54) 4-Nitrophenol-d4	14.534	143	26069m	3.814	ng/u1	0.02
60) Fluorene-d10	15.322	176	246876	6.985	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.440	200	26706	3.637	ng/u1	0.00
73) Anthracene-d10	17.204	188	365501	6.620	ng/u1	0.00
81) Pyrene-d10	19.586	212	378312	5.994	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.574	264	280846	3.708	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.505	105	46114	2.394	ng/u1	95
72) Phenanthrene	17.151	178	212194	3.422	ng/u1	98
80) Fluoranthene	19.239	202	477676	6.622	ng/u1	98
82) Pyrene	19.616	202	290434	3.741	ng/u1	97
85) Benzo(a)anthracene	21.516	228	214727	2.558	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	109089	2.748	ng/u1	99
87) Chrysene	21.580	228	240123	3.048	ng/u1	97
90) Benzo(b)fluoranthene	23.774	252	342532	3.832	ng/u1	97
91) Benzo(k)fluoranthene	23.839	252	132889m	1.492	ng/u1	
93) Benzo(a)pyrene	24.657	252	85215	1.035	ng/u1#	96

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

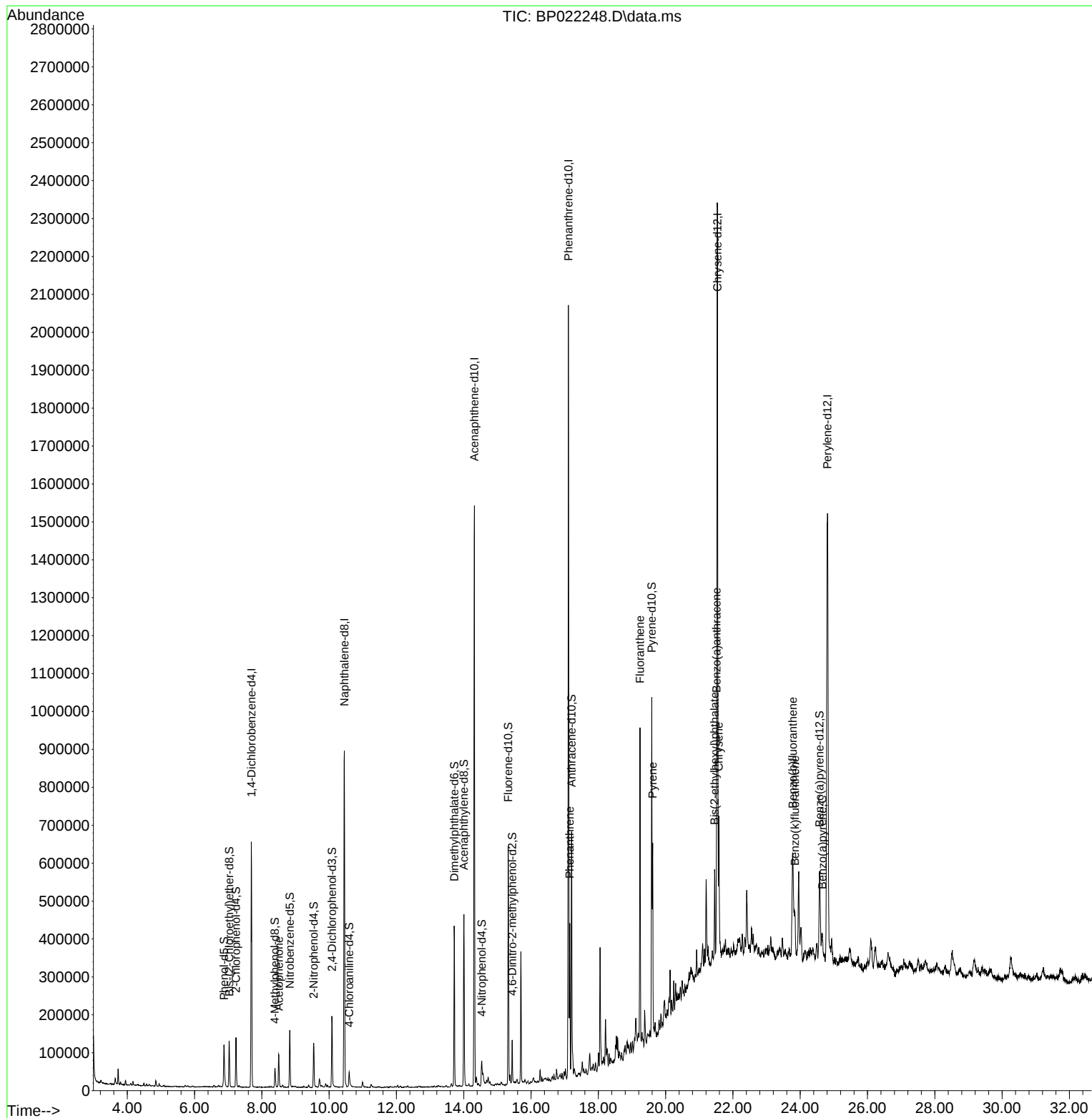
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
Data File : BP022248.D
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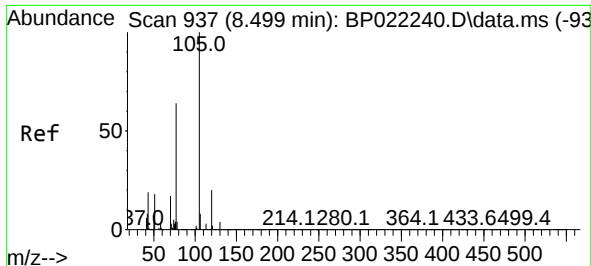
Instrument :
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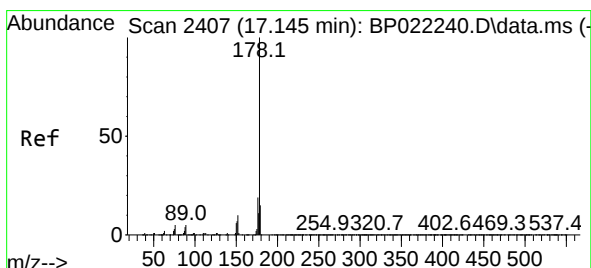
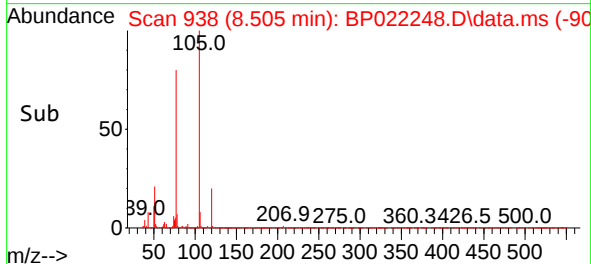
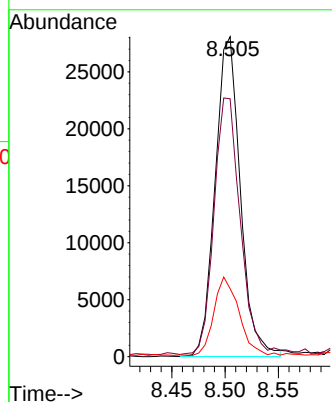
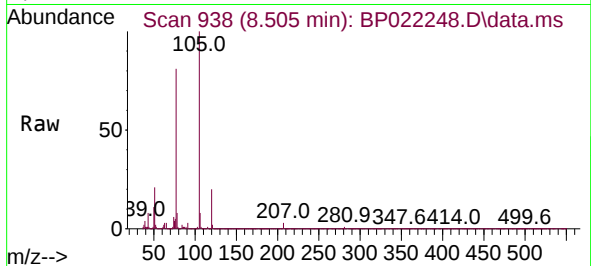
#16
Acetophenone
Concen: 2.394 ng/ul
RT: 8.505 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

Instrument :
BNA_P
ClientSampleId :
A4EK2

Tgt Ion:105 Resp: 46114
Ion Ratio Lower Upper
105 100
77 80.6 67.9 101.9
51 21.2 19.8 29.6

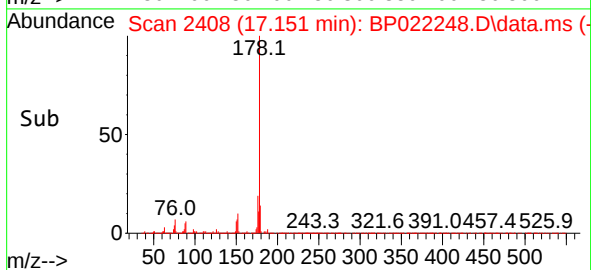
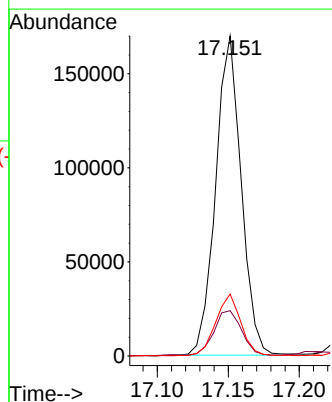
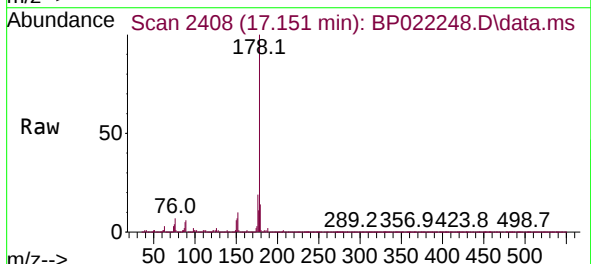
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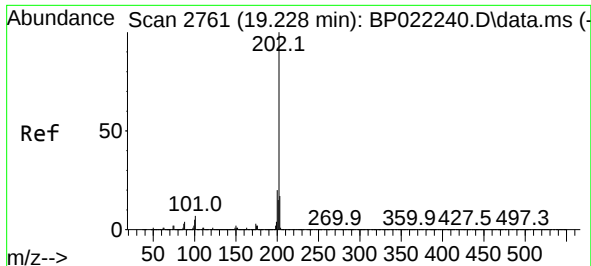
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 3.422 ng/ul
RT: 17.151 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

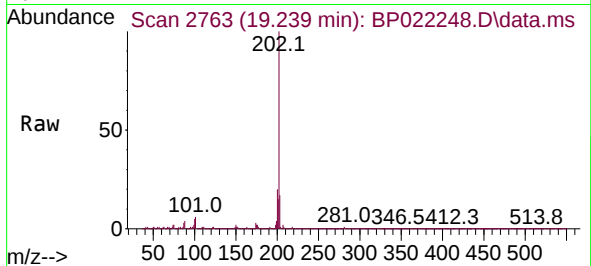
Tgt Ion:178 Resp: 212194
Ion Ratio Lower Upper
178 100
179 14.2 12.4 18.6
176 19.4 15.0 22.6





#80
Fluoranthene
Concen: 6.622 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

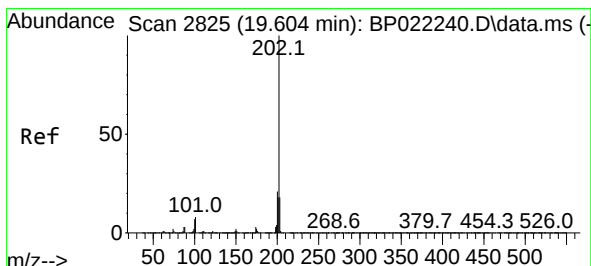
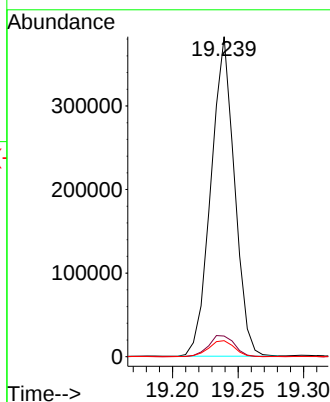
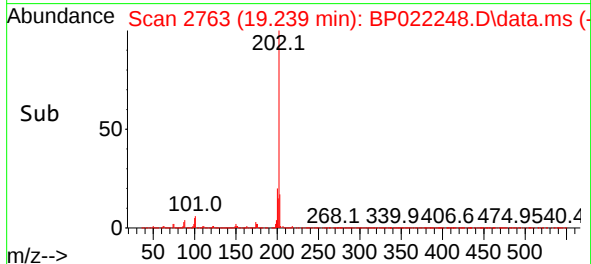
Instrument :
BNA_P
ClientSampleId :
A4EK2



Tgt Ion:202 Resp: 477670
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.6
100 5.0 4.6 7.0

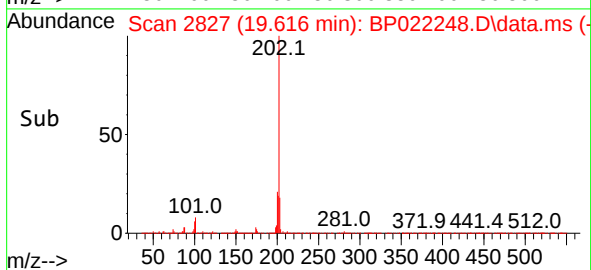
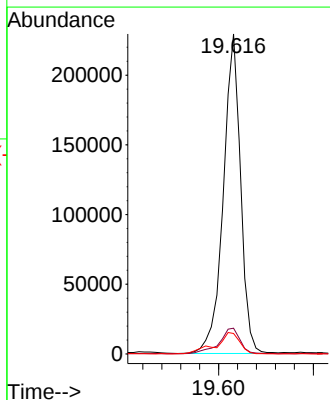
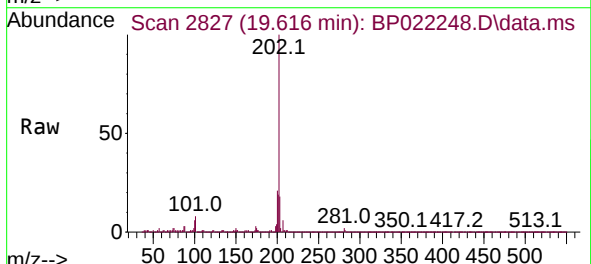
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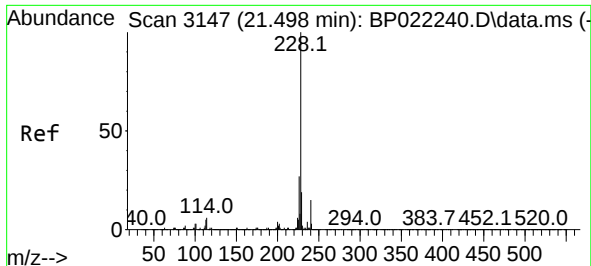
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#82
Pyrene
Concen: 3.741 ng/u1
RT: 19.616 min Scan# 2827
Delta R.T. 0.012 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

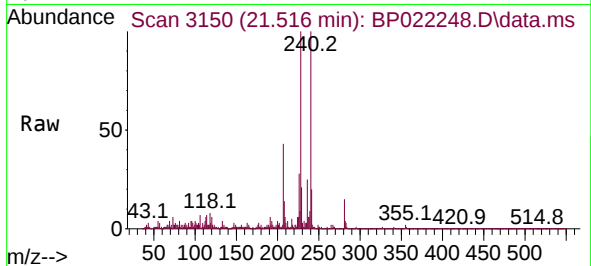
Tgt Ion:202 Resp: 290434
Ion Ratio Lower Upper
202 100
101 8.0 7.4 11.0
100 6.4 6.2 9.2





#85
Benzo(a)anthracene
Concen: 2.558 ng/ul
RT: 21.516 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

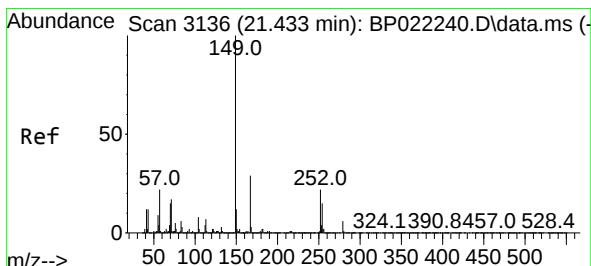
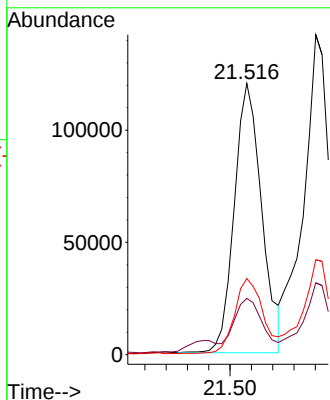
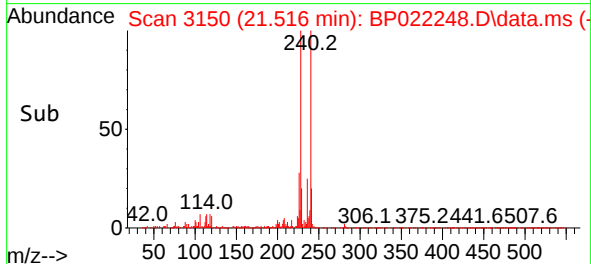
Instrument :
BNA_P
ClientSampleId :
A4EK2



Tgt Ion:228 Resp: 21472
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.1 21.4 32.2

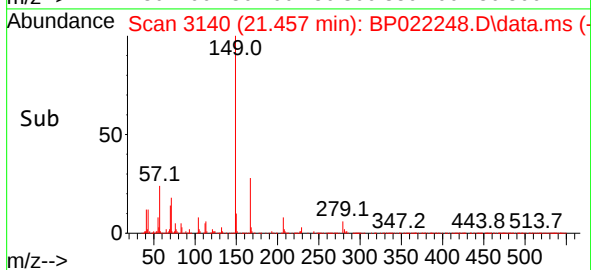
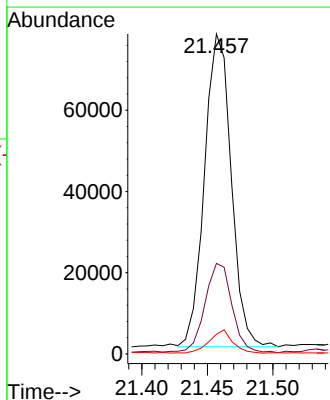
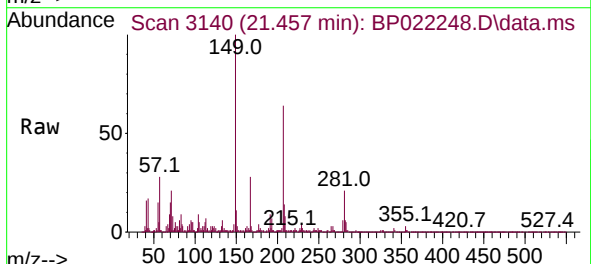
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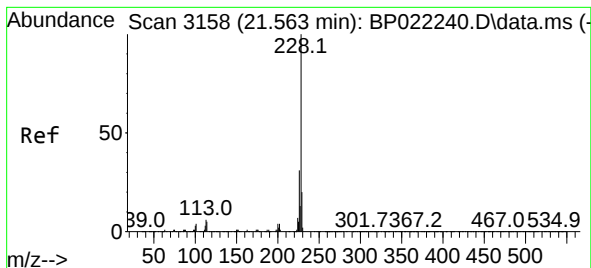
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.748 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. 0.012 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

Tgt Ion:149 Resp: 109089
Ion Ratio Lower Upper
149 100
167 28.3 23.0 34.4
279 6.1 4.5 6.7





#87

Chrysene

Concen: 3.048 ng/ul

RT: 21.580 min Scan# 3158

Delta R.T. 0.006 min

Lab File: BP022248.D

Acq: 05 Oct 2024 04:43

Instrument :

BNA_P

ClientSampleId :

A4EK2

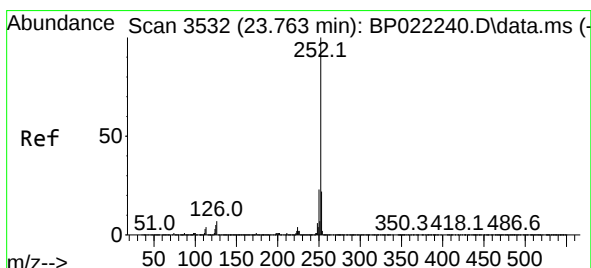
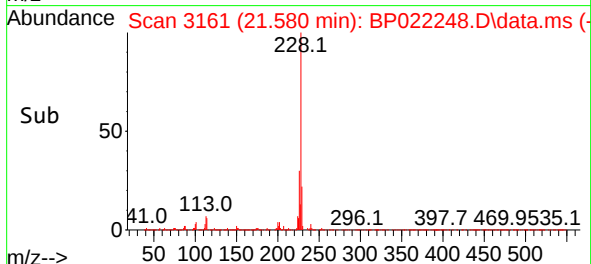
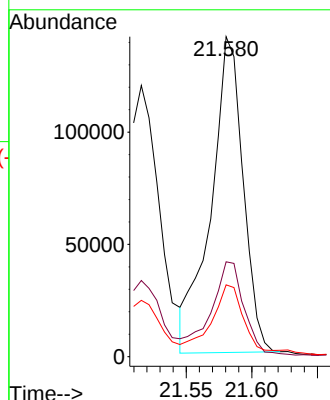
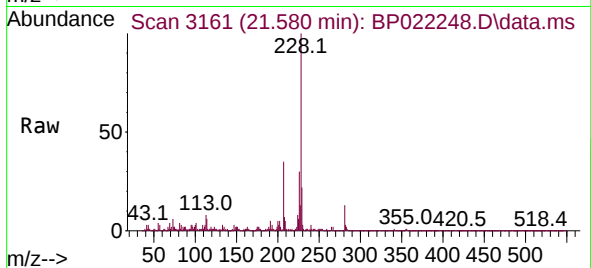
Tgt Ion:228	Resp: 24012
Ion Ratio	Lower Upper
228 100	
226 29.7	23.6 35.4
229 22.4	15.7 23.5

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.832 ng/ul

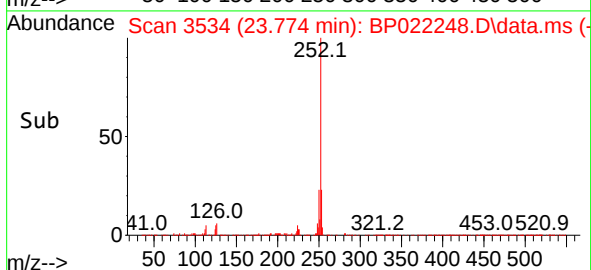
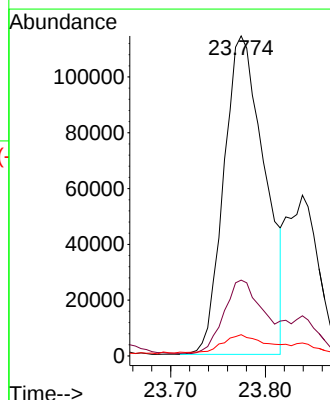
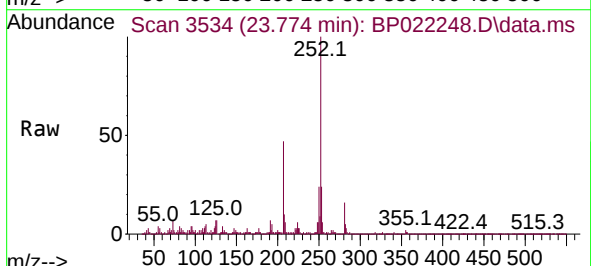
RT: 23.774 min Scan# 3534

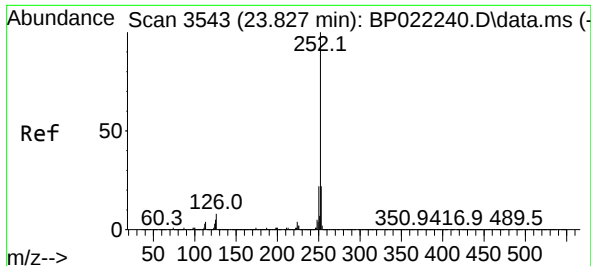
Delta R.T. 0.018 min

Lab File: BP022248.D

Acq: 05 Oct 2024 04:43

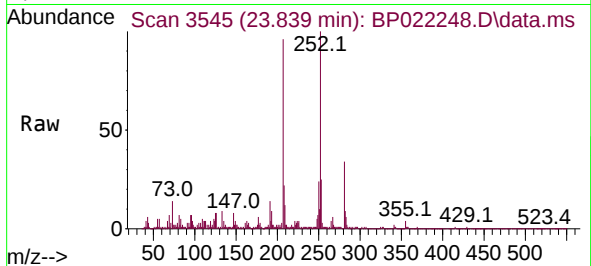
Tgt Ion:252	Resp: 342532
Ion Ratio	Lower Upper
252 100	
253 23.7	17.8 26.6
125 6.6	4.8 7.2





#91
Benzo(k)fluoranthene
Concen: 1.492 ng/ul m
RT: 23.839 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BP022248.D
Acq: 05 Oct 2024 04:43

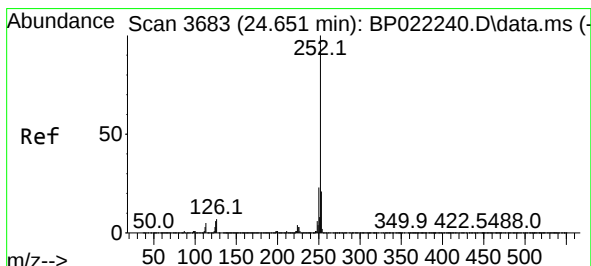
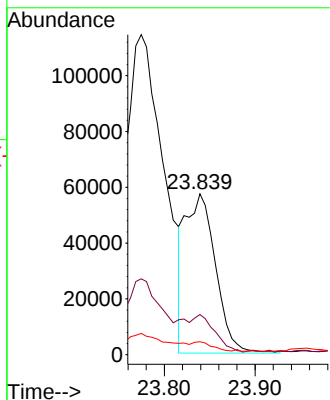
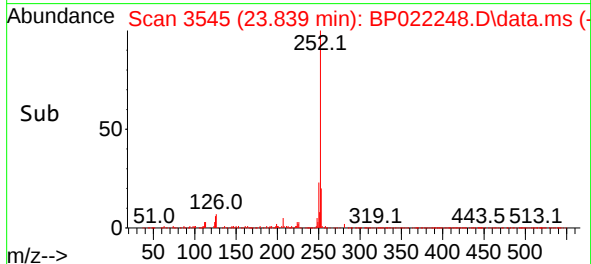
Instrument :
BNA_P
ClientSampleId :
A4EK2



Tgt Ion:252 Resp: 132889
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.2
125 8.0 5.0 7.6

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#93
Benzo(a)pyrene
Concen: 1.035 ng/ul
RT: 24.657 min Scan# 3684
Delta R.T. 0.012 min
Lab File: BP022248.D
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Tgt Ion:252 Resp: 85215
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 8.3 4.8 7.2#

