

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022545.D
 Acq On : 22 Oct 2024 20:30
 Operator : RC/JU
 Sample : P4414-19
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F79

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 01:50:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	115321	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	450063	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	355015	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	844828	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	831054	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	983790	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8261	2.784	ng/uL	0.00
4) Pyridine-d5	3.611	84	113668	13.952	ng/u1	0.00
7) Phenol-d5	6.852	99	175035	18.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	106706	18.702	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	135859	19.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	153127	19.766	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	69830	20.179	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	81303	20.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	168246	19.758	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	197167	19.596	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	598808	21.229	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	645046	21.531	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	73442m	15.520	ng/u1	0.00
60) Fluorene-d10	15.281	176	539839	22.065	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	67002	12.059	ng/u1	0.01
73) Anthracene-d10	17.187	188	883661	22.235	ng/u1	0.02
81) Pyrene-d10	19.557	212	1077592	24.520	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1183557	22.527	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.128	178	71870	1.590	ng/u1	99
80) Fluoranthene	19.210	202	111293	2.203	ng/u1	99
82) Pyrene	19.586	202	131194	2.423	ng/u1	97
87) Chrysene	21.545	228	63188	1.170	ng/u1#	91
90) Benzo(b)fluoranthene	23.727	252	68589	1.108	ng/u1#	96

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

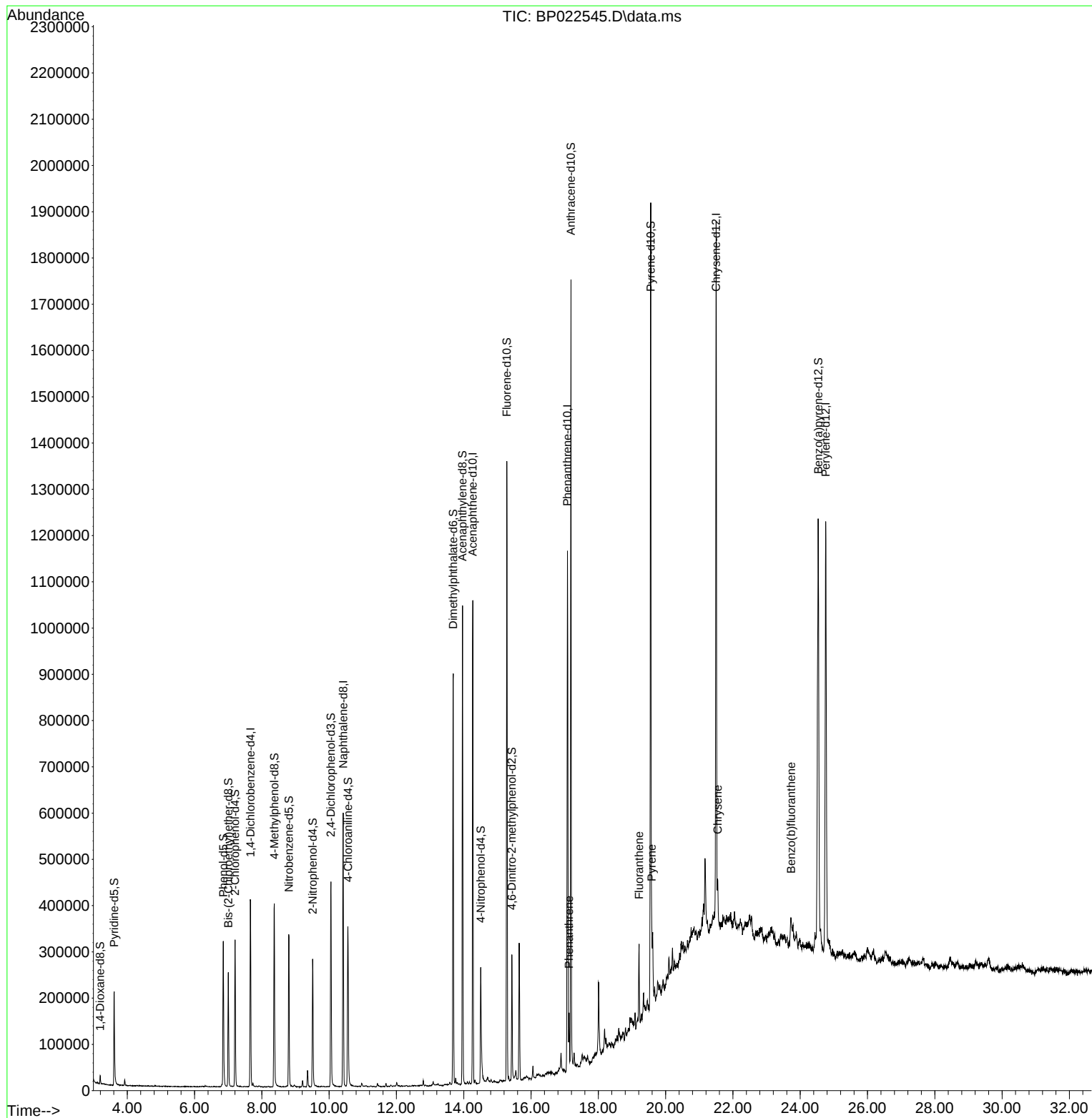
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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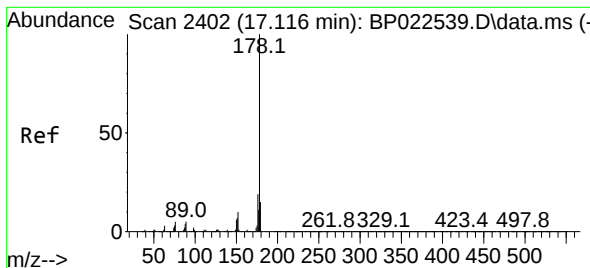
Instrument :
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#72

Phenanthrene

Concen: 1.590 ng/u1

RT: 17.128 min Scan# 2402

Delta R.T. 0.012 min

Lab File: BP022545.D

Acq: 22 Oct 2024 20:30

Instrument :

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ClientSampleId :

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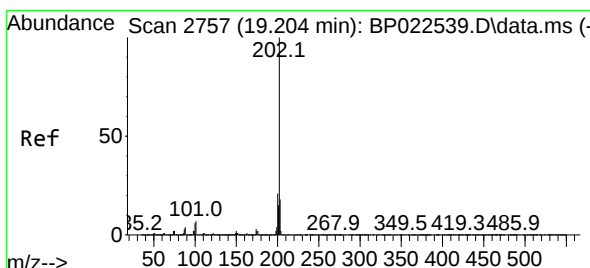
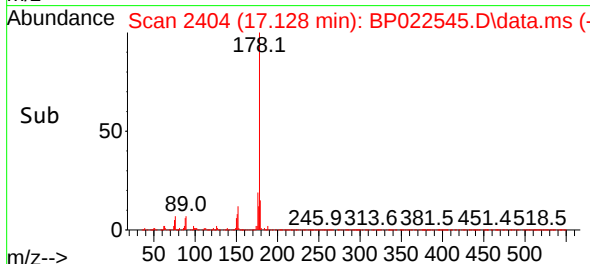
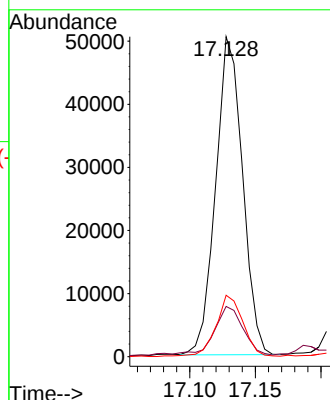
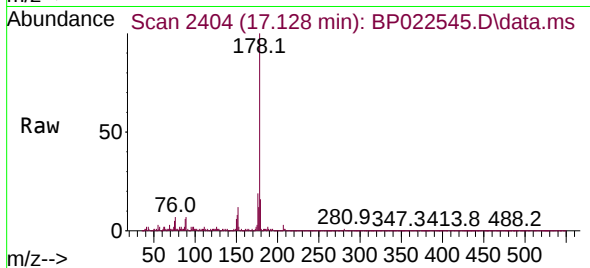
Tgt Ion:178	Resp:	71870
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.2 18.4
176	19.2	15.7 23.5

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#80

Fluoranthene

Concen: 2.203 ng/u1

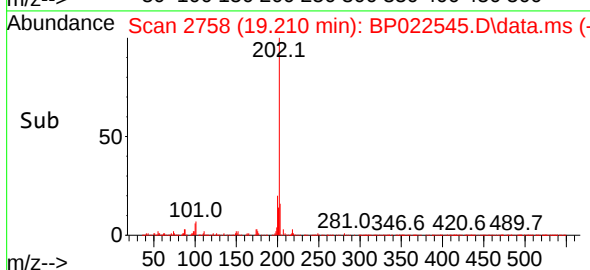
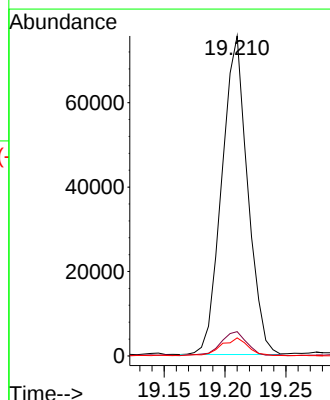
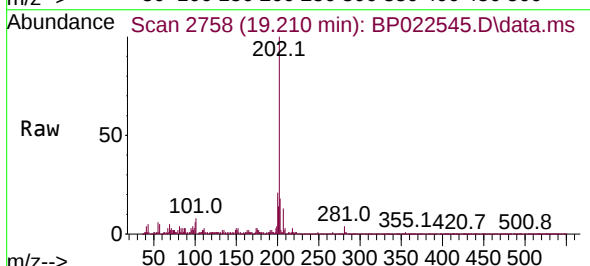
RT: 19.210 min Scan# 2758

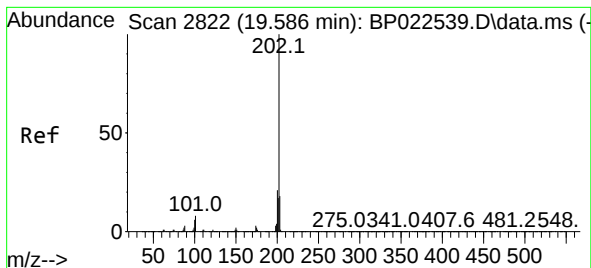
Delta R.T. 0.000 min

Lab File: BP022545.D

Acq: 22 Oct 2024 20:30

Tgt Ion:202	Resp:	111293
Ion Ratio	Lower	Upper
202	100	
101	7.6	5.8 8.8
100	5.6	4.5 6.7





#82

Pyrene

Concen: 2.423 ng/u1

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022545.D

Acq: 22 Oct 2024 20:30

Instrument :

BNA_P

ClientSampleId :

A4F79

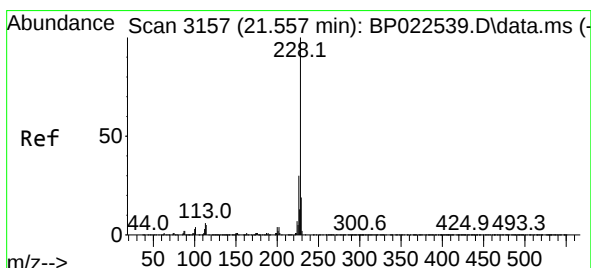
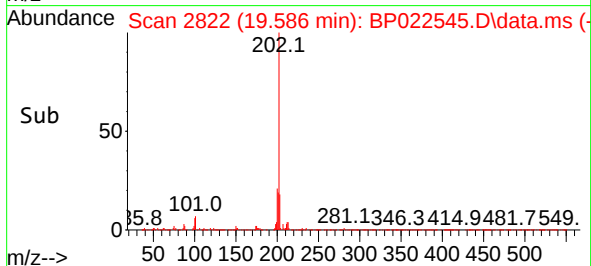
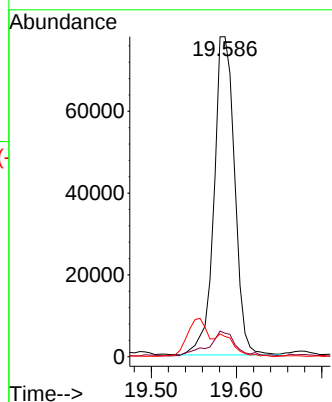
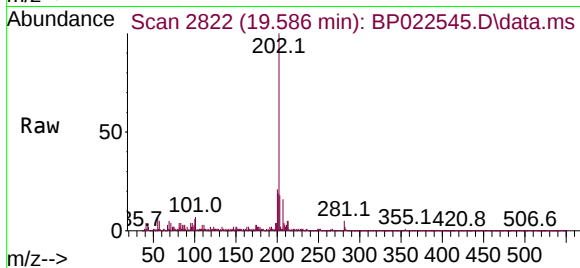
Tgt Ion:	202	Resp:	131194
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.7	10.1
100	6.3	5.8	8.6

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#87

Chrysene

Concen: 1.170 ng/u1

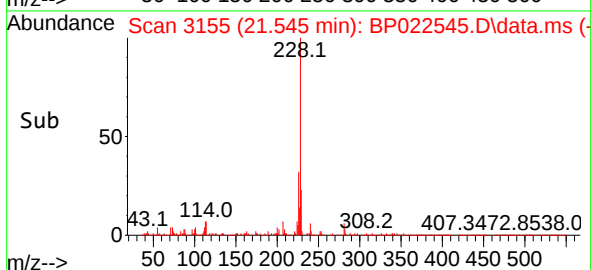
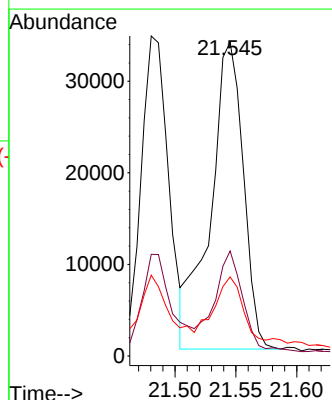
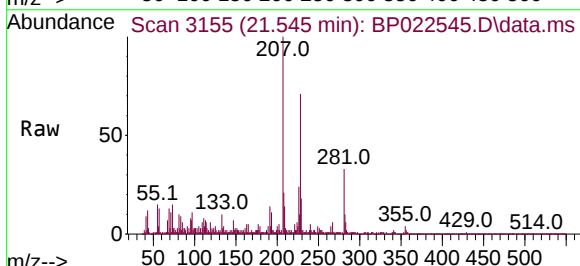
RT: 21.545 min Scan# 3155

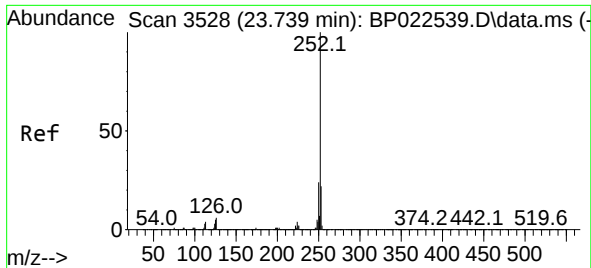
Delta R.T. 0.000 min

Lab File: BP022545.D

Acq: 22 Oct 2024 20:30

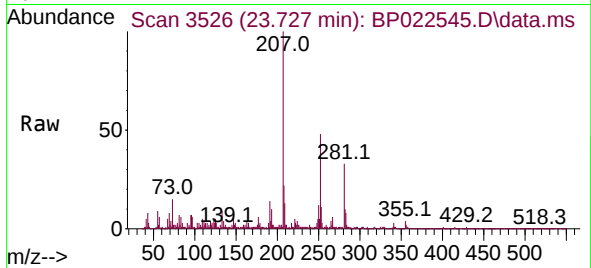
Tgt Ion:	228	Resp:	63188
Ion Ratio	Lower	Upper	
228	100		
226	33.4	23.8	35.8
229	25.2	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 1.108 ng/ul
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022545.D
Acq: 22 Oct 2024 20:30

Instrument :
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Tgt Ion:252 Resp: 68589
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.7 5.0 7.4

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