

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023544.D
 Acq On : 20 Dec 2024 02:46
 Operator : RC/JU
 Sample : P5265-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2901

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 03:40:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	236569	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	944631	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	701227	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1675304	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.380	240	1686234	20.000	ng/u1	# 0.00
88) Perylene-d12	24.551	264	1875772	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	22100	3.439	ng/uL	-0.01
4) Pyridine-d5	3.505	84	291694	17.653	ng/u1	-0.01
7) Phenol-d5	6.740	99	452284	24.366	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	274278	23.421	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	320736	23.412	ng/u1	-0.01
15) 4-Methylphenol-d8	8.246	113	359910	24.024	ng/u1	-0.01
21) Nitrobenzene-d5	8.669	128	156082	22.127	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	185819	22.857	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.922	165	356495	20.777	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.428	131	379758m	19.757	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	1182760	21.727	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	1254214	21.843	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.445	143	167551m	25.117	ng/u1	0.04
60) Fluorene-d10	15.151	176	985376	20.580	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	77862	7.690	ng/u1	0.01
73) Anthracene-d10	17.045	188	1629293	21.309	ng/u1	0.00
81) Pyrene-d10	19.433	212	1869527	21.221	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.327	264	1614684	16.080	ng/u1	-0.02
Target Compounds						
8) Phenol	6.769	94	26422	1.367	ng/u1	92
72) Phenanthrene	16.986	178	160161	1.849	ng/u1	100
80) Fluoranthene	19.086	202	286681	2.840	ng/u1#	90
82) Pyrene	19.463	202	243611	2.274	ng/u1#	93
90) Benzo(b)fluoranthene	23.539	252	126216	1.071	ng/u1#	88

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

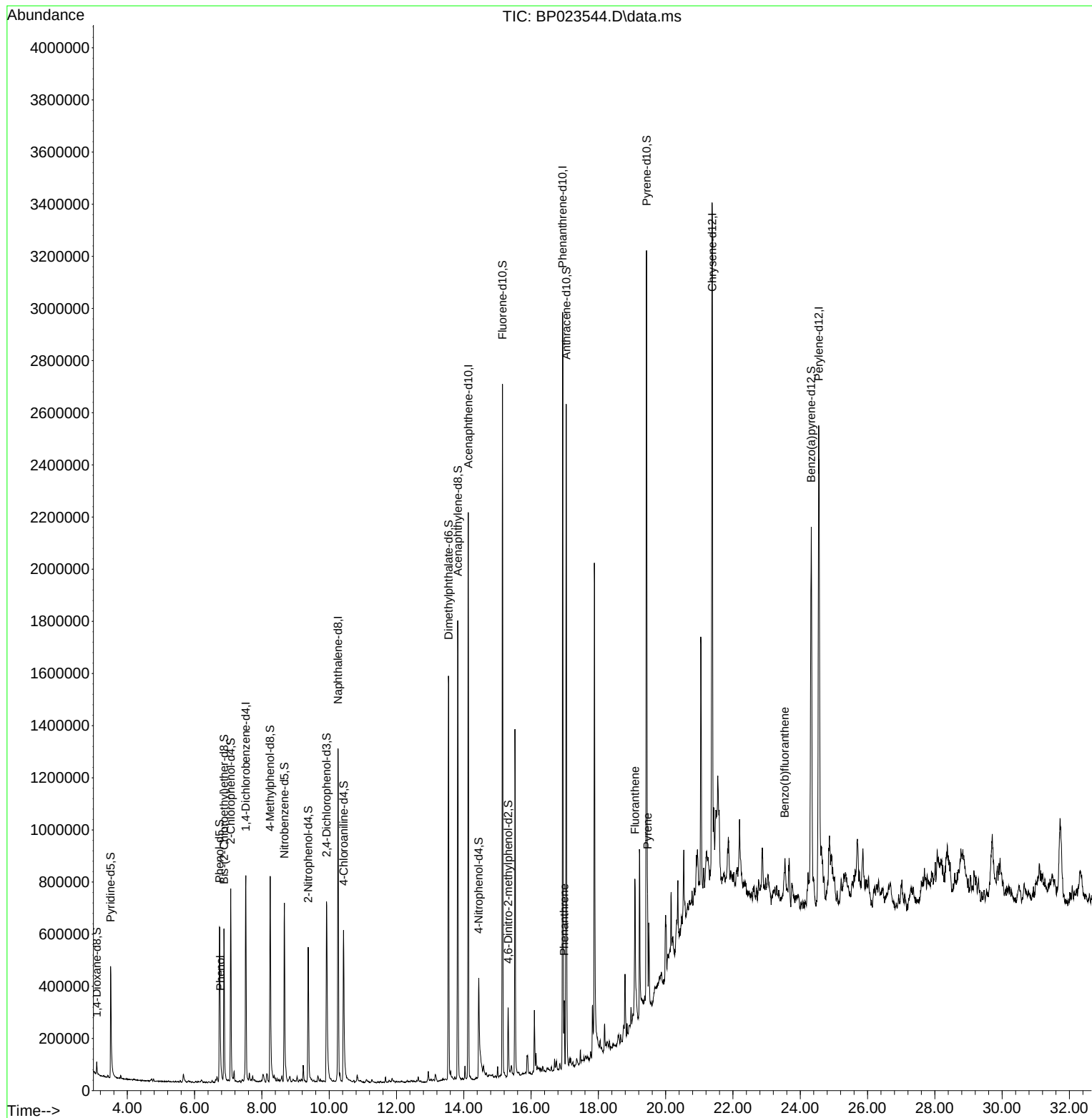
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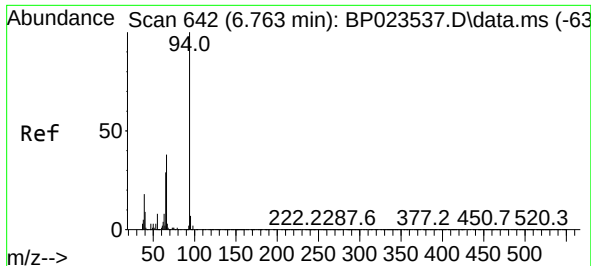
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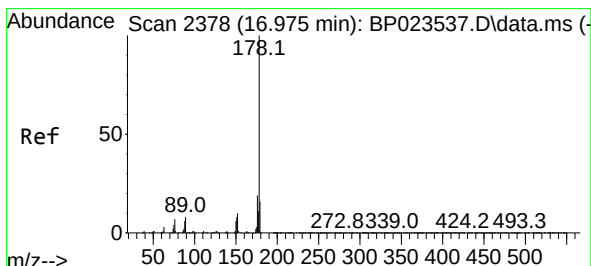
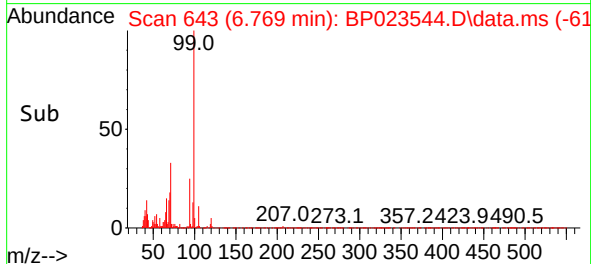
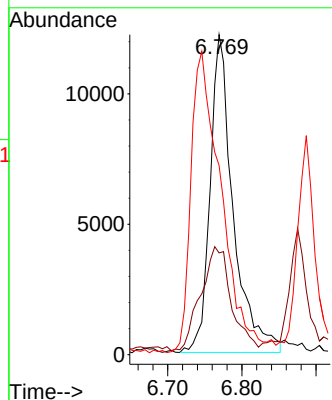
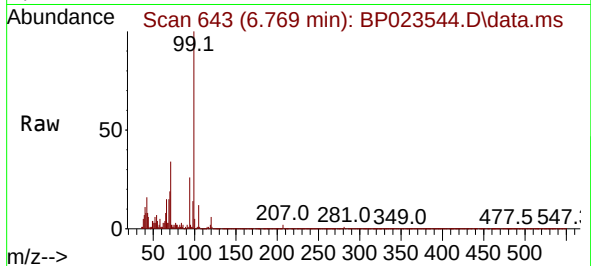
#8
Phenol
Concen: 1.367 ng/ul
RT: 6.769 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP023544.D
Acq: 20 Dec 2024 02:46

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2642
Ion Ratio Lower Upper
94 100
65 31.8 28.0 42.0
66 59.2 42.0 63.0

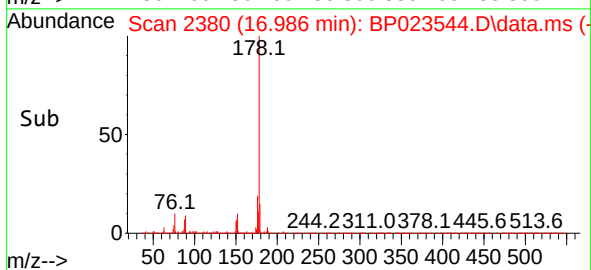
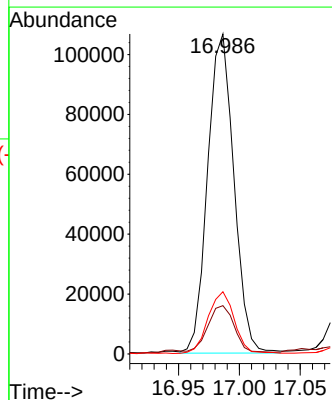
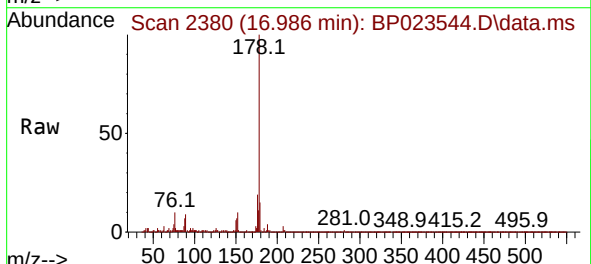
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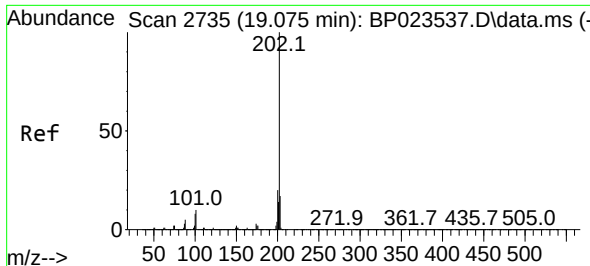
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#72
Phenanthrene
Concen: 1.849 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP023544.D
Acq: 20 Dec 2024 02:46

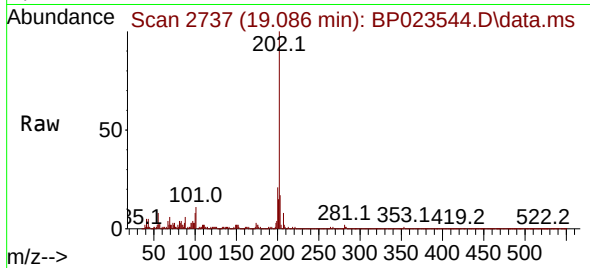
Tgt Ion:178 Resp: 160161
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.4 15.4 23.0





#80
Fluoranthene
Concen: 2.840 ng/ul
RT: 19.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023544.D
Acq: 20 Dec 2024 02:46

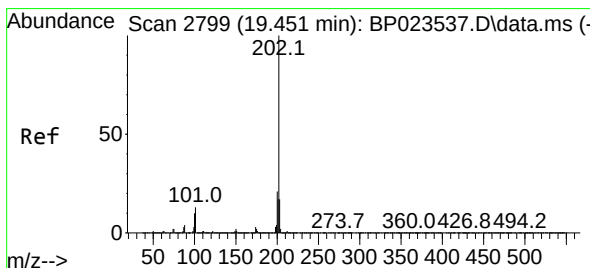
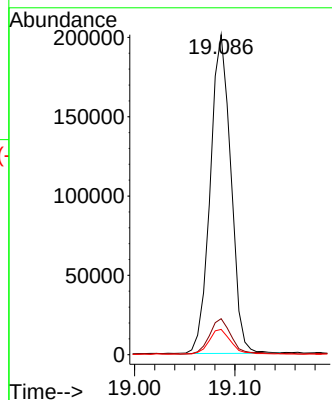
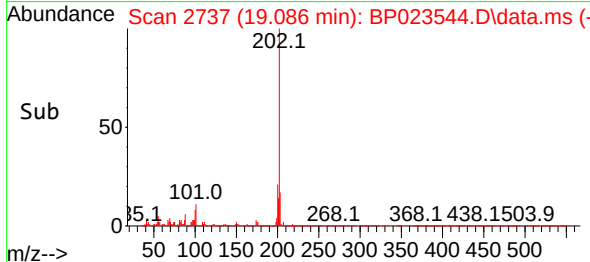
Instrument :
BNA_P
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Tgt Ion:202 Resp: 28668
Ion Ratio Lower Upper
202 100
101 11.3 5.6 8.4
100 7.9 4.6 7.0

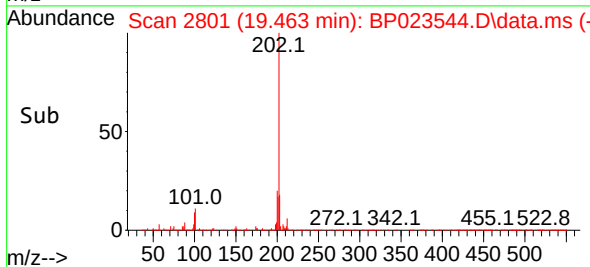
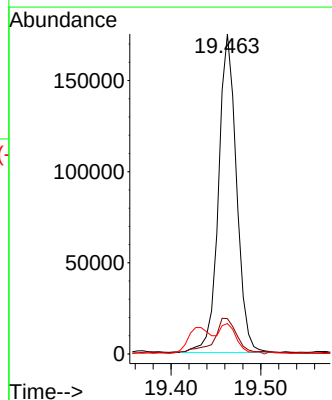
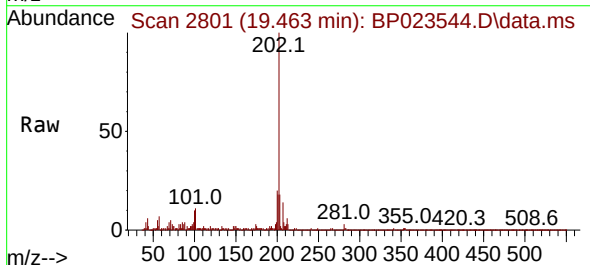
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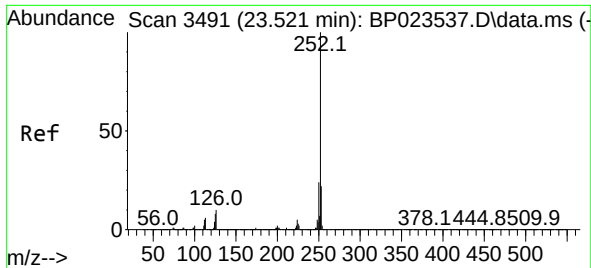
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#82
Pyrene
Concen: 2.274 ng/ul
RT: 19.463 min Scan# 2801
Delta R.T. -0.012 min
Lab File: BP023544.D
Acq: 20 Dec 2024 02:46

Tgt Ion:202 Resp: 243611
Ion Ratio Lower Upper
202 100
101 11.1 6.7 10.1#
100 9.5 5.8 8.8#





#90

Benzo(b)fluoranthene

Concen: 1.071 ng/ul

RT: 23.539 min Scan# 3494

Delta R.T. -0.018 min

Lab File: BP023544.D

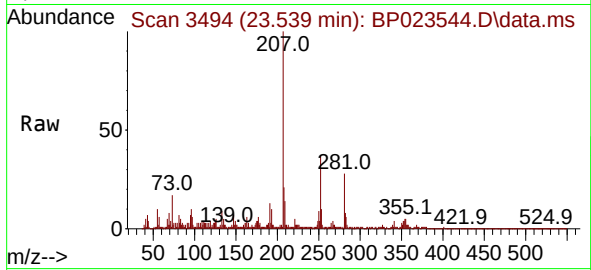
Acq: 20 Dec 2024 02:46

Instrument :

BNA_P

ClientSampleId :

E2901



Tgt Ion:252 Resp: 126210

Ion Ratio Lower Upper

252 100

253 26.3 17.3 25.9

125 11.5 4.4 6.6

Manual Integrations

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