

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022563.D
 Acq On : 23 Oct 2024 14:50
 Operator : RC/JU
 Sample : P4415-16
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F97

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 15:37:38 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	7.658	152	101148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	391613	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	320201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	808163	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	808184	20.000	ng/u1	0.01
88) Perylene-d12	24.774	264	952179	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2766	1.063	ng/uL	0.00
4) Pyridine-d5	3.628	84	7618	1.066	ng/u1	0.02
7) Phenol-d5	6.858	99	54407	6.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	30202	6.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	39741	6.578	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	42855	6.307	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	17426	5.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	22027	6.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	46820	6.319	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	46006	5.255	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	179728	7.065	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	177731	6.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	18089m	4.238	ng/u1	0.02
60) Fluorene-d10	15.287	176	160063	7.254	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	12781	2.405	ng/u1	0.00
73) Anthracene-d10	17.169	188	290388	7.638	ng/u1	0.00
81) Pyrene-d10	19.563	212	314766	7.365	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	256662	5.047	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.469	105	26300	2.344	ng/u1	96
80) Fluoranthene	19.216	202	81738	1.664	ng/u1	99
82) Pyrene	19.586	202	54479	1.035	ng/u1	98
90) Benzo(b)fluoranthene	23.751	252	61108	1.020	ng/u1	96

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

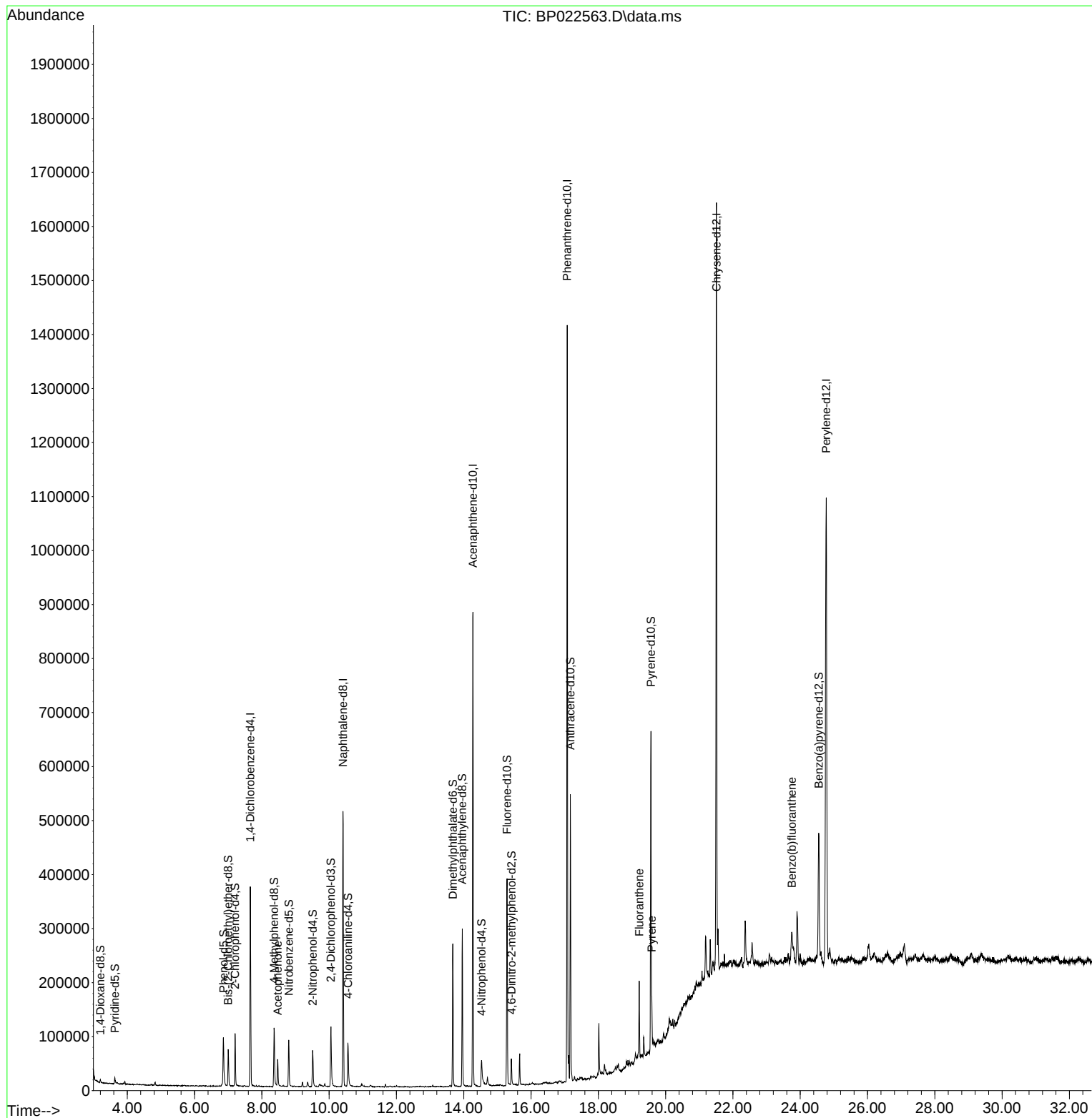
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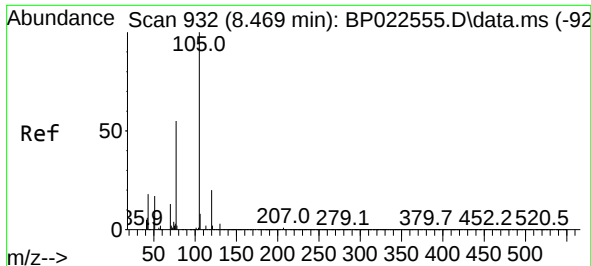
Instrument :
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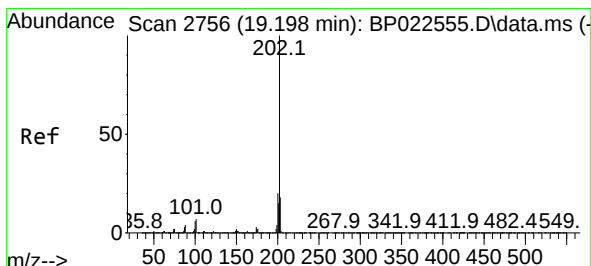
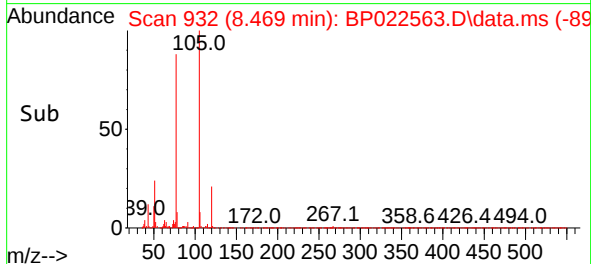
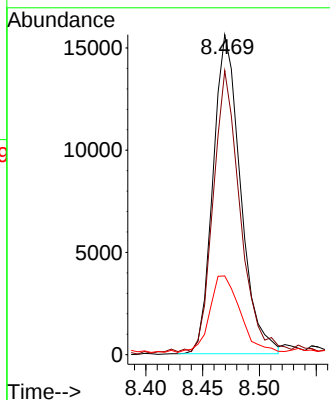
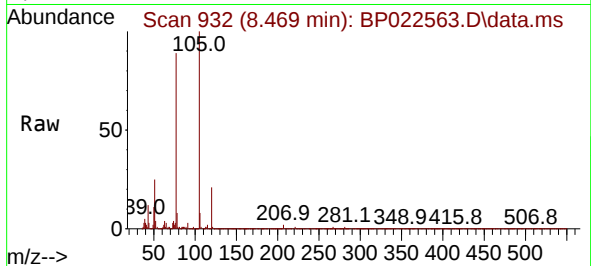
#16
Acetophenone
Concen: 2.344 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022563.D
Acq: 23 Oct 2024 14:50

Instrument :
BNA_P
ClientSampleId :
A4F97

Tgt Ion:105 Resp: 26300
Ion Ratio Lower Upper
105 100
77 88.7 69.0 103.4
51 24.6 22.6 33.8

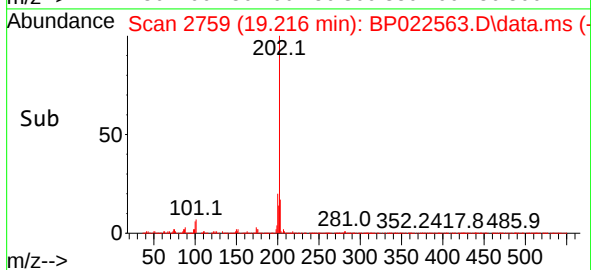
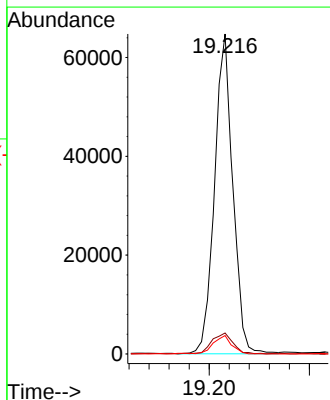
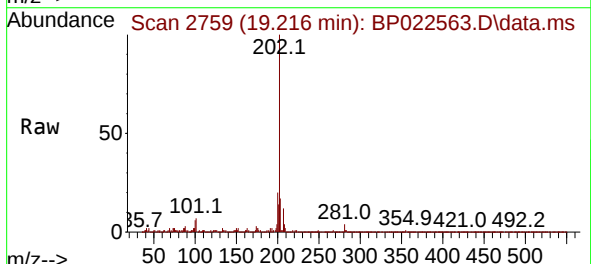
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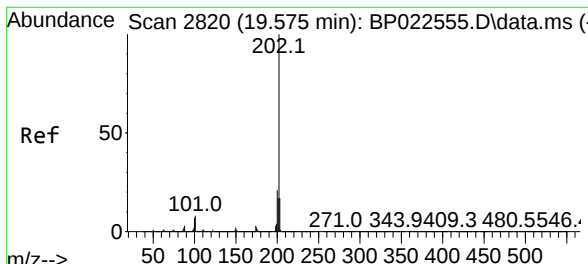
Reviewed By :Yogesh Patel 10/24/2024
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#80
Fluoranthene
Concen: 1.664 ng/ul
RT: 19.216 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BP022563.D
Acq: 23 Oct 2024 14:50

Tgt Ion:202 Resp: 81738
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.8
100 5.7 4.5 6.7





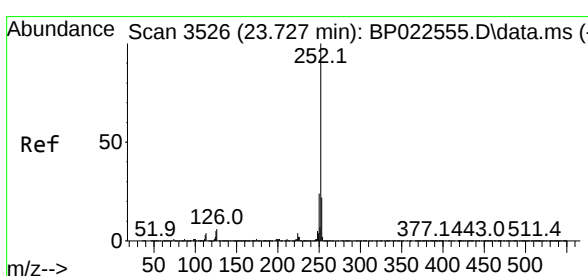
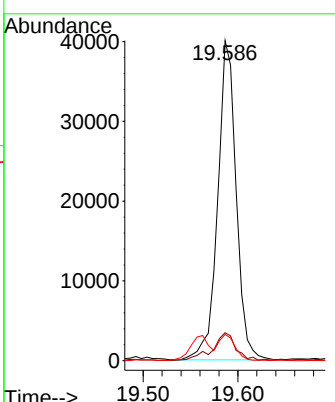
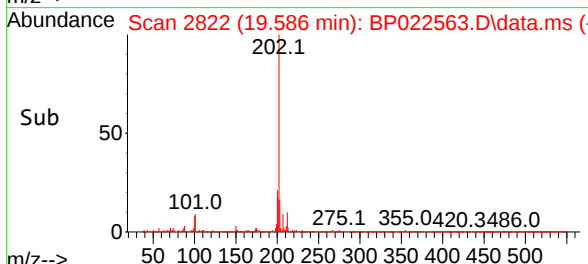
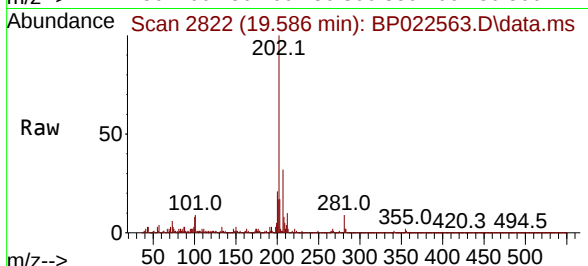
#82
 Pyrene
 Concen: 1.035 ng/ul
 RT: 19.586 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP022563.D
 Acq: 23 Oct 2024 14:50

Instrument : BNA_P
 ClientSampleId : A4F97

Tgt Ion:	202	Resp:	54479
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.7	10.1
100	8.2	5.8	8.6

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#90
 Benzo(b)fluoranthene
 Concen: 1.020 ng/ul
 RT: 23.751 min Scan# 3530
 Delta R.T. 0.030 min
 Lab File: BP022563.D
 Acq: 23 Oct 2024 14:50

Tgt Ion:	252	Resp:	61108
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.8
125	7.2	5.0	7.4

