

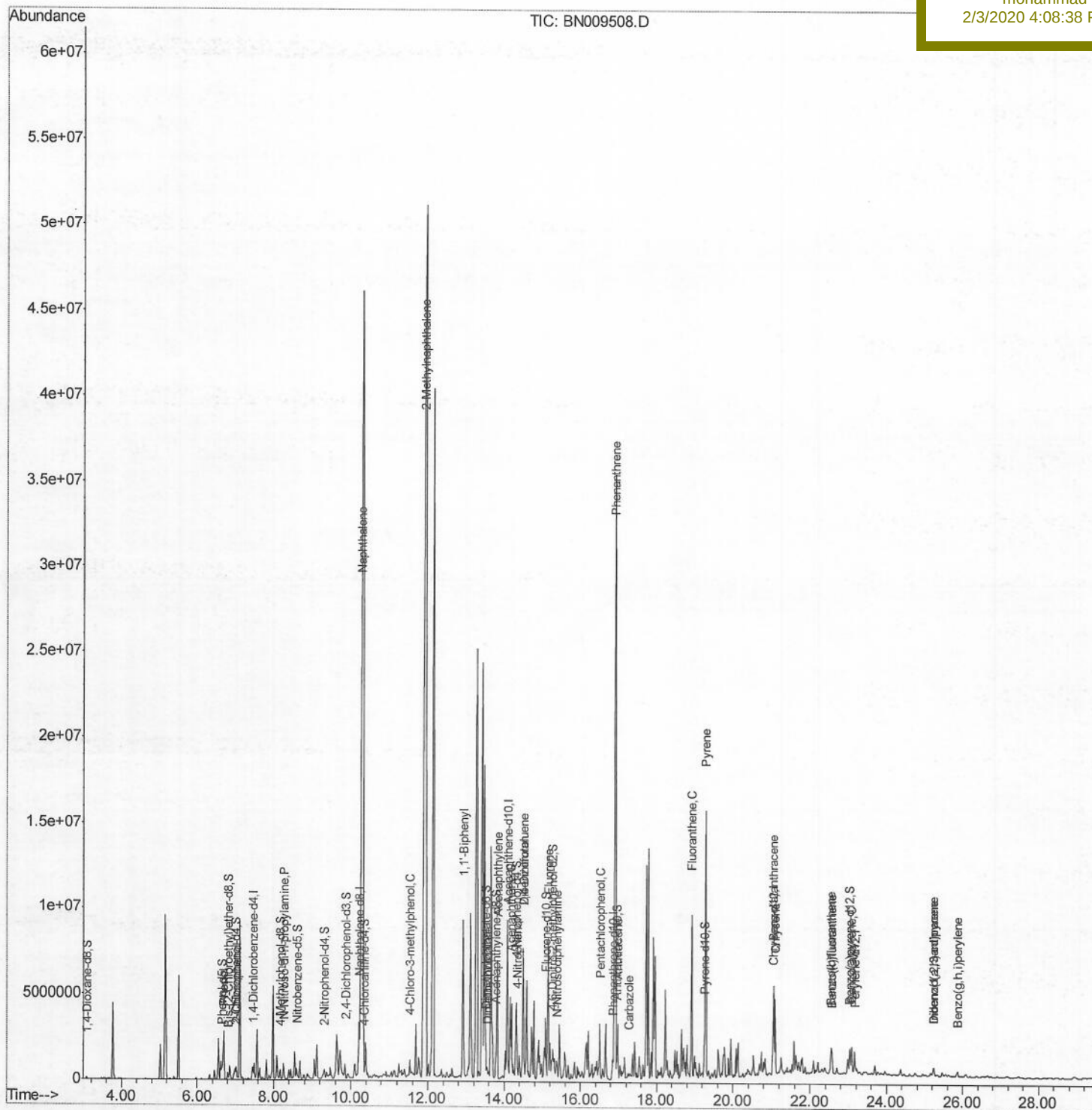
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009508.D
Acq On : 31 Jan 2020 13:25
Operator : CG/JU
Sample : L1271-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 23:51:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample Id :
GASZ4MSD

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\

Data File : BN009508.D

Acq On : 31 Jan 2020 13:25

Operator : CG/JU

Sample : L1271-03MSD

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 22 15:13:20 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

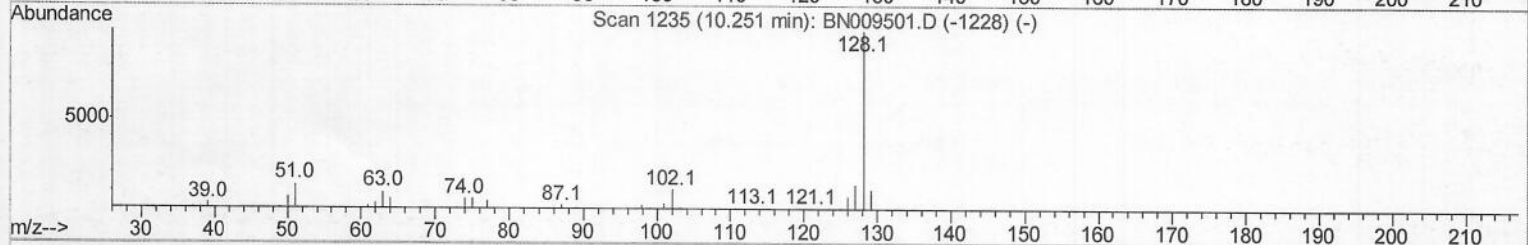
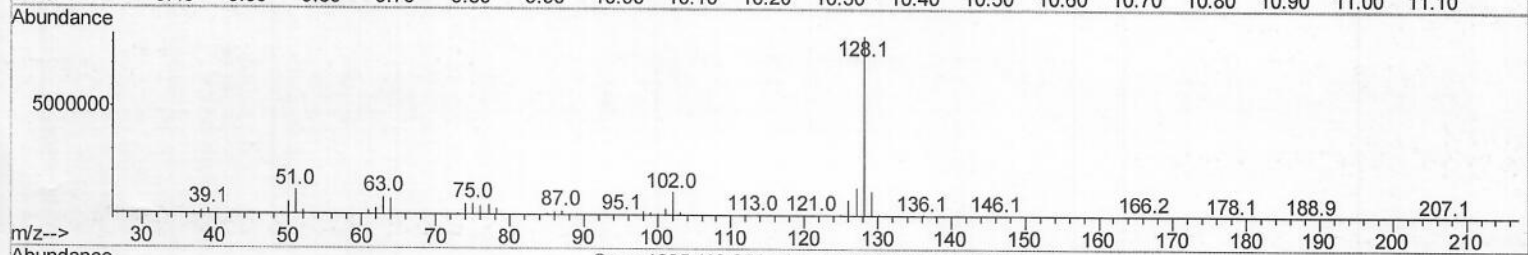
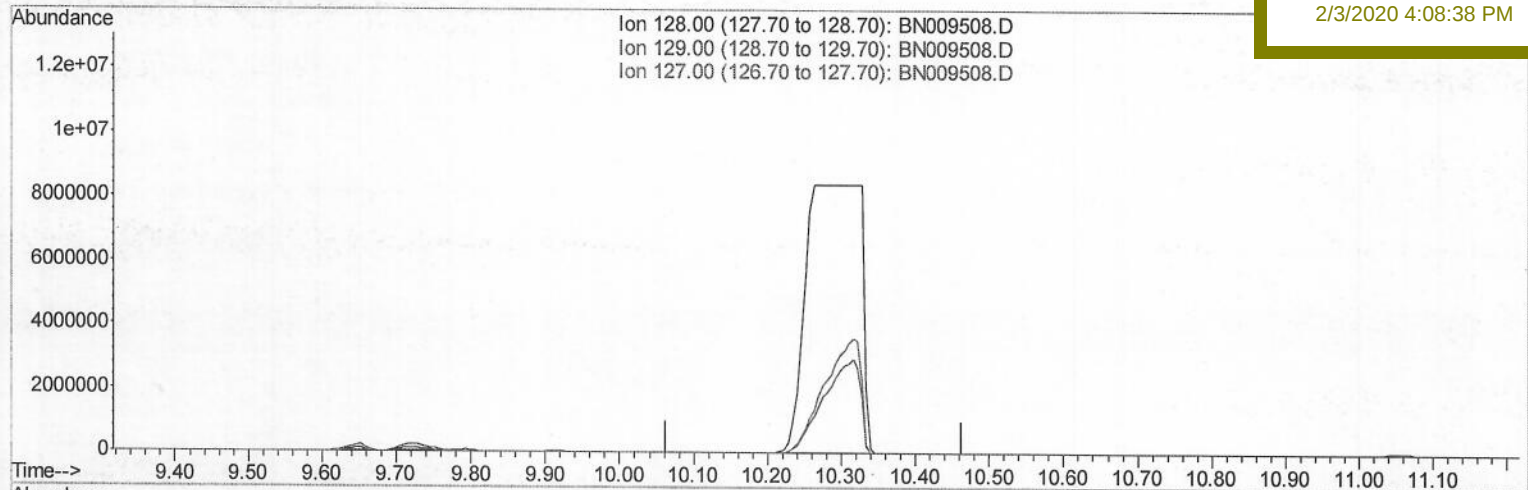
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TIC: BN009508.D

(28) Naphthalene

10.263min (-10.263) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.10	0.00#
127.00	13.80	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
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Sample : L1271-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

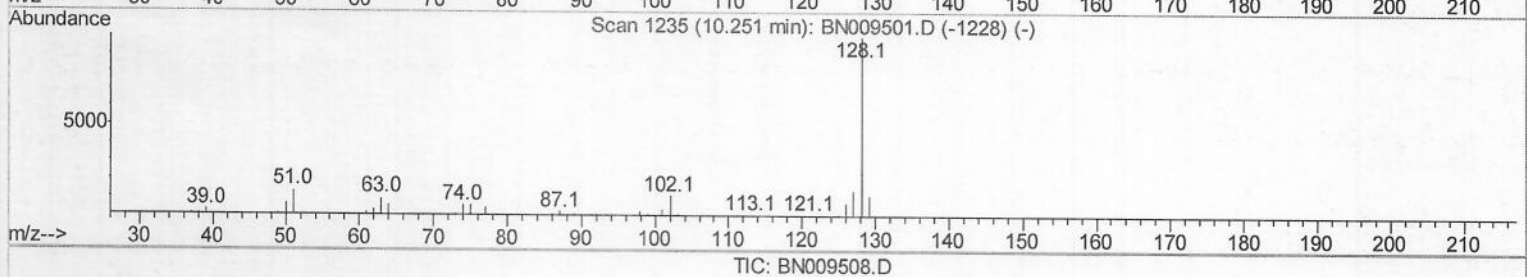
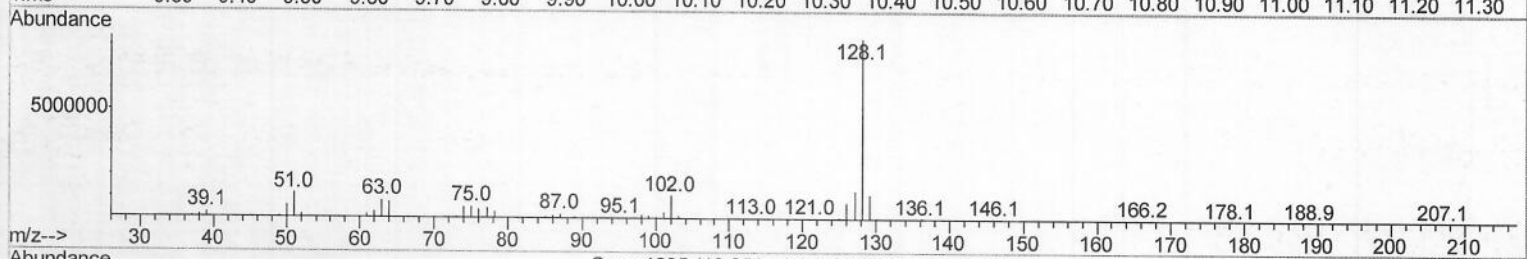
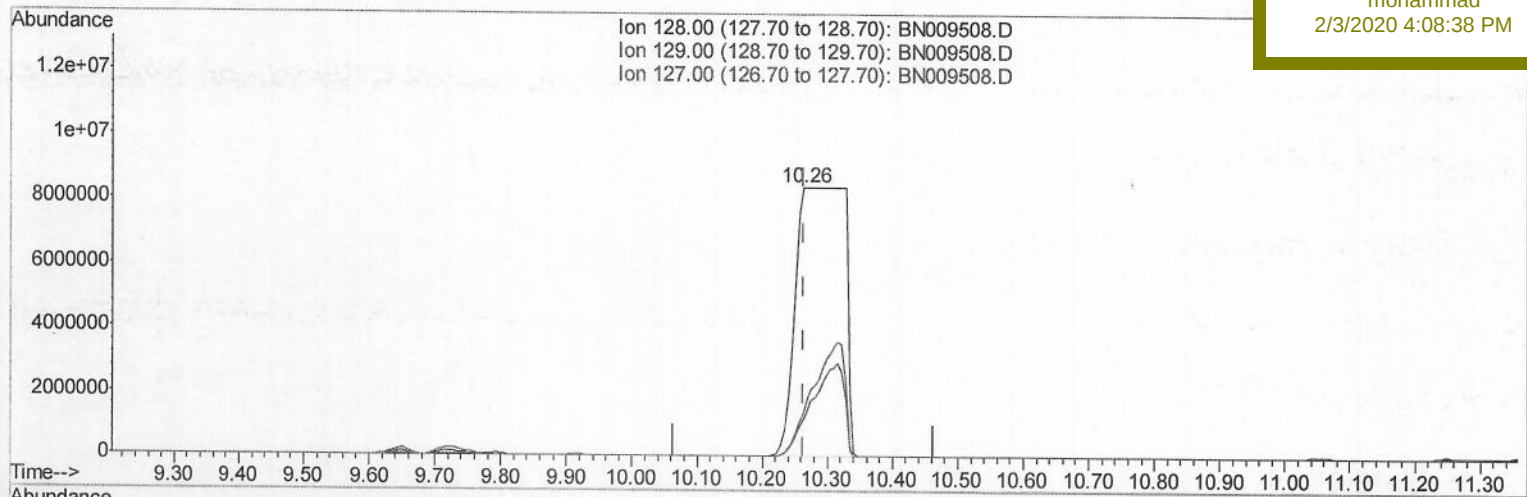
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Manual Integrations

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(28) Naphthalene

10.263min (-0.000) 1172.17ng/ul m

JU 02/01/20

response 43223882

Ion	Exp%	Act%
128.00	100	100
129.00	10.10	13.77#
127.00	13.80	16.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\

Data File : BN009508.D

Acq On : 31 Jan 2020 13:25

Operator : CG/JU

Sample : L1271-03MSD

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 22 15:13:20 2020

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

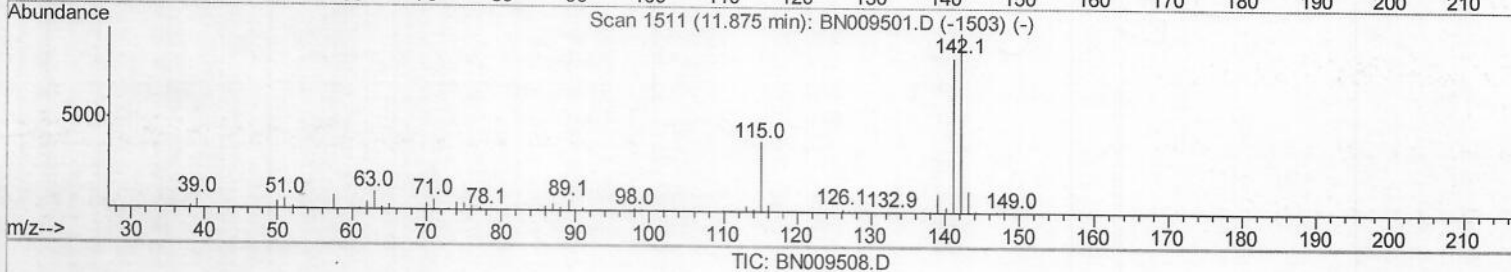
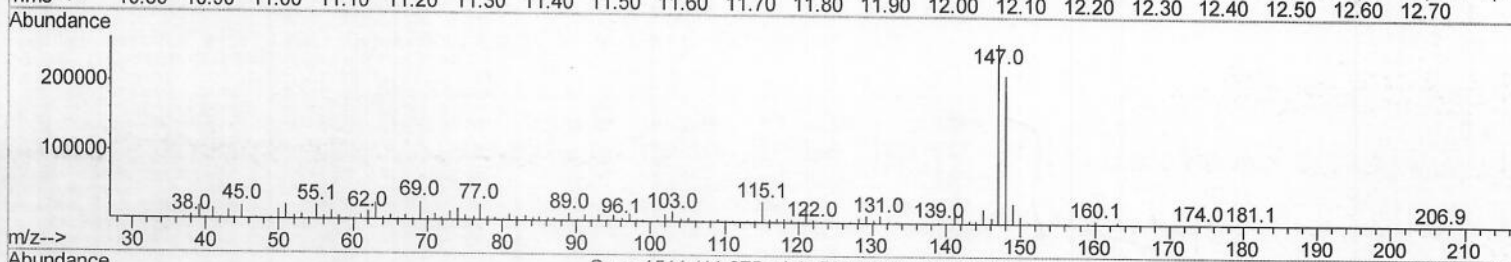
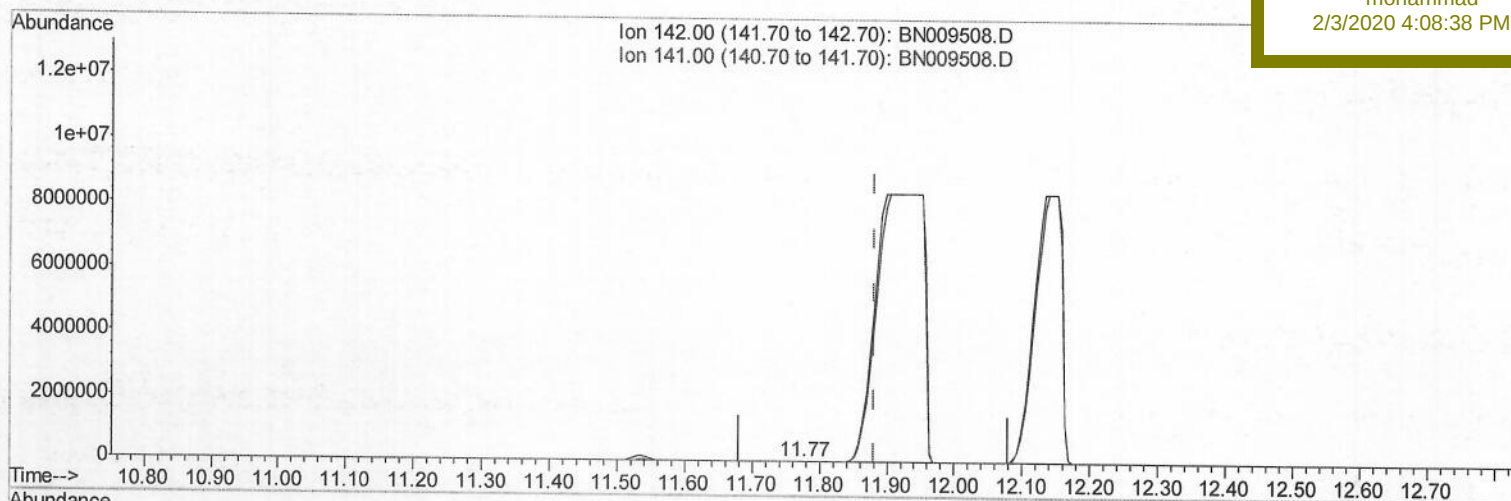
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Manual Integrations

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(34) 2-Methylnaphthalene

11.775min (-0.106) 1.73ng/ul

response 43935

Ion	Exp%	Act%
142.00	100	100
141.00	86.60	105.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\

Data File : BN009508.D

Acq On : 31 Jan 2020 13:25

Operator : CG/JU

Sample : L1271-03MSD

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 22 15:13:20 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

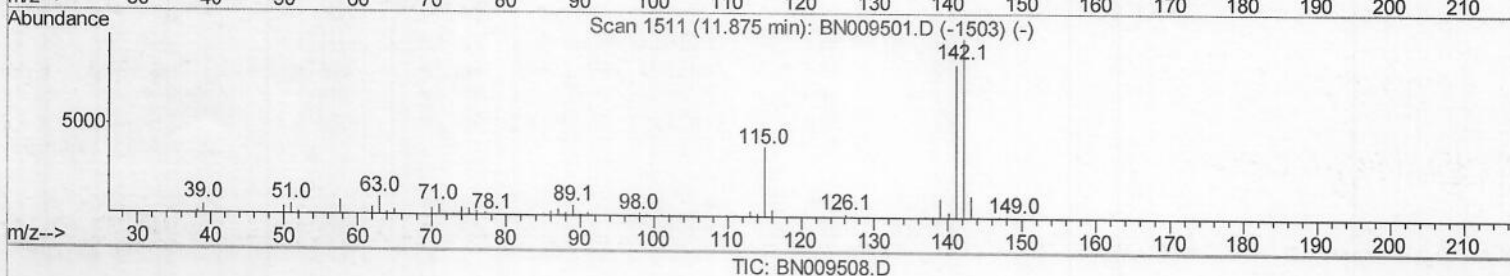
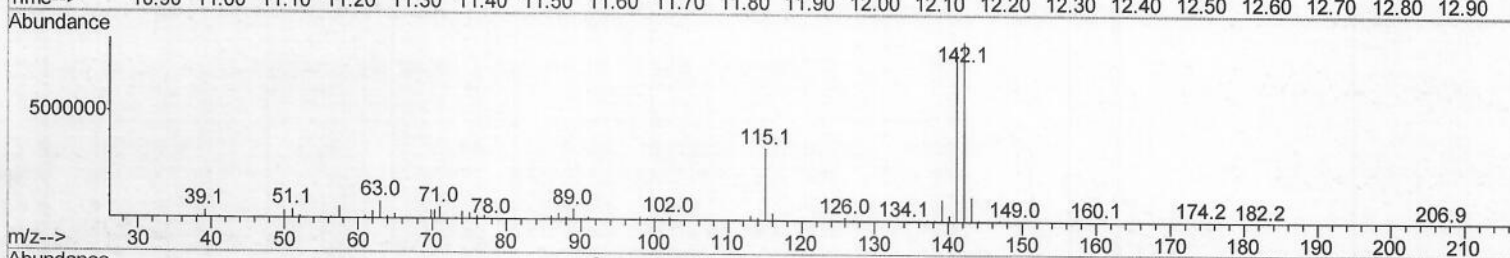
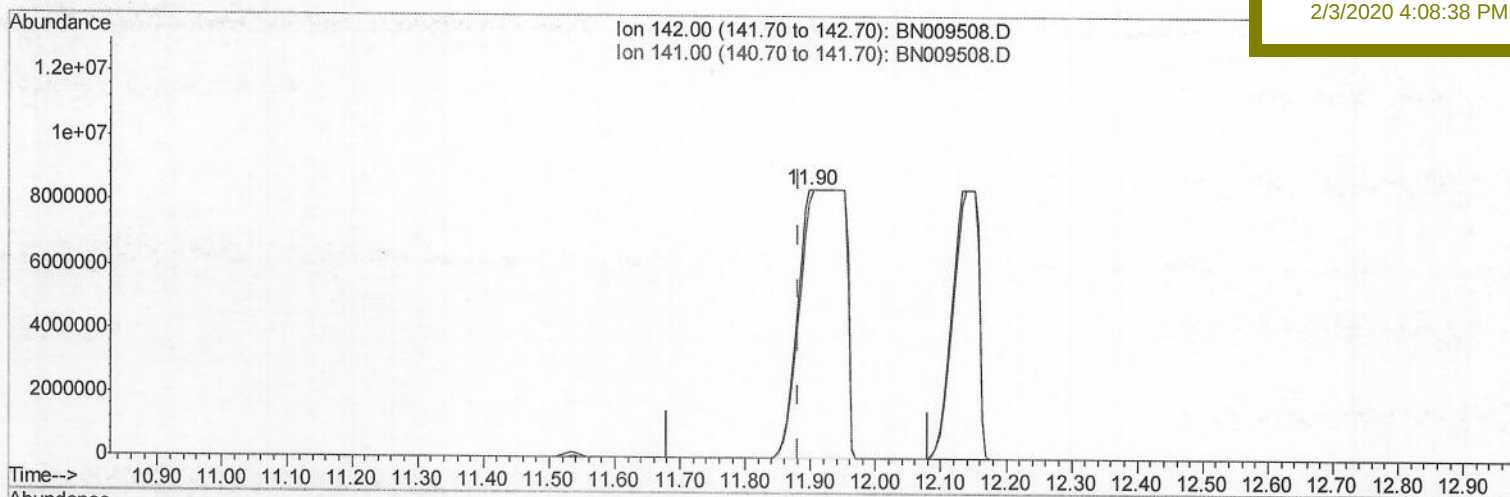
GASZ4MSD

Manual Integrations

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(34) 2-Methylnaphthalene

11.898min (+0.017) 1626.29ng/ul m

response 41285258

Ion	Exp%	Act%
142.00	100	100
141.00	86.60	94.96
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\

Data File : BN009508.D

Acq On : 31 Jan 2020 13:25

Operator : CG/JU

Sample : L1271-03MSD

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020

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Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 22 15:13:20 2020

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample Id :

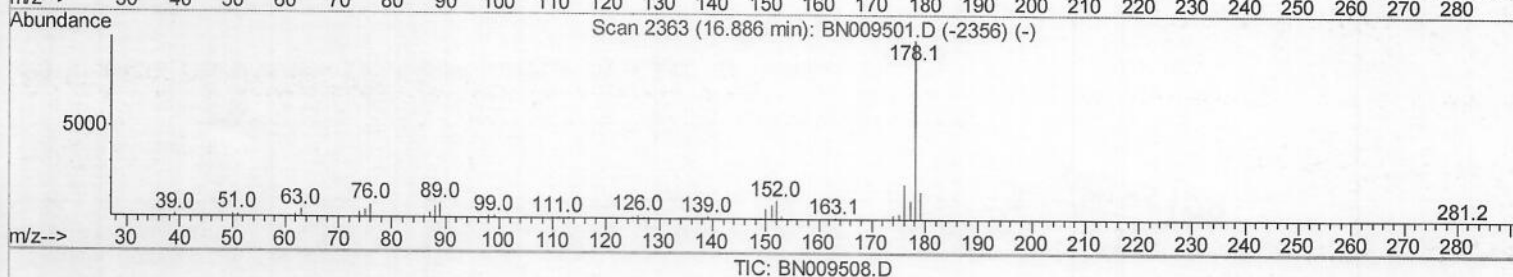
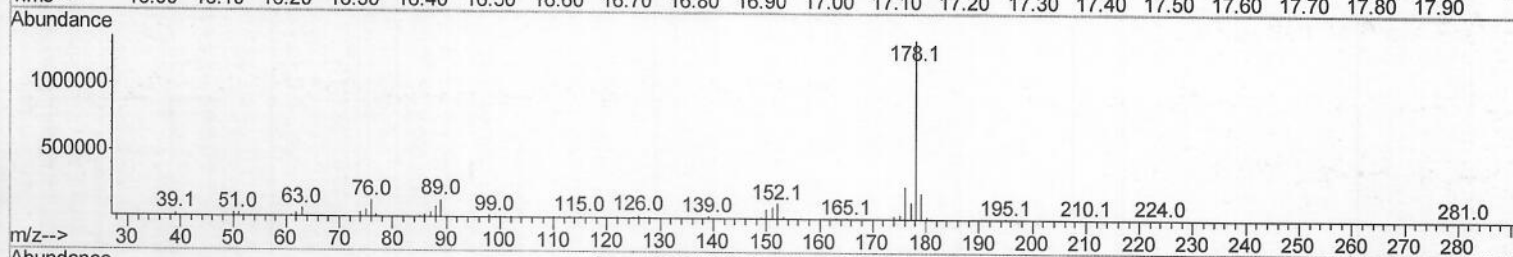
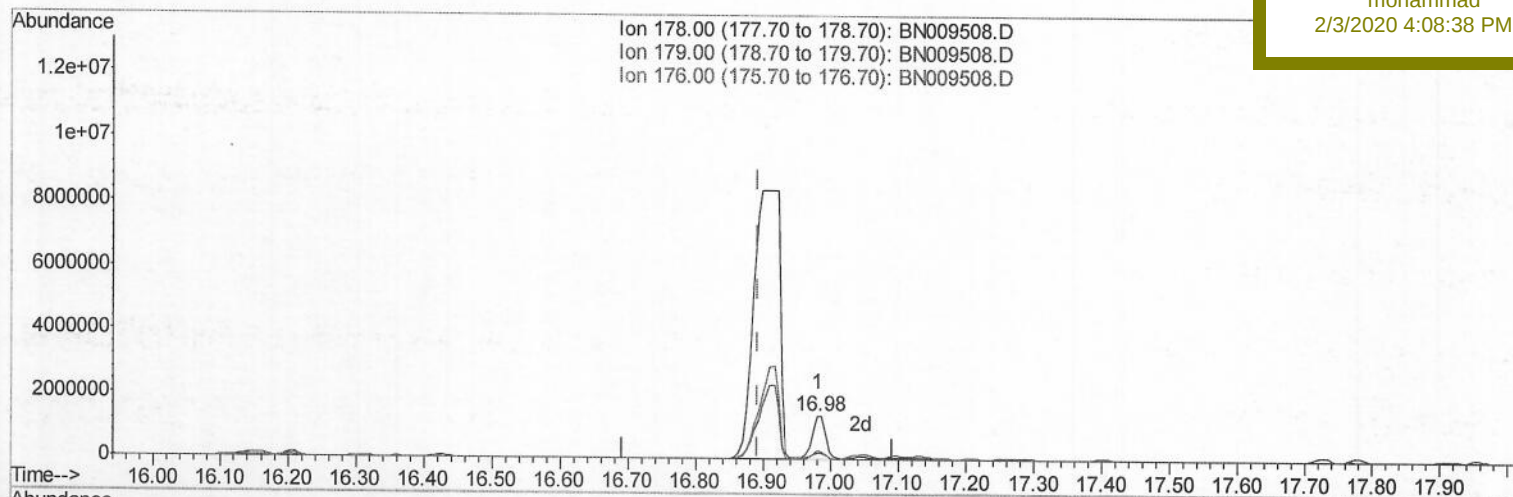
GASZ4MSD

Manual Integrations

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(69) Phenanthrene

16.980min (+0.088) 38.11ng/ul

response 1778979

Ion	Exp%	Act%
178.00	100	100
179.00	16.60	15.36
176.00	19.40	18.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\

Data File : BN009508.D

Acq On : 31 Jan 2020 13:25

Operator : CG/JU

Sample : L1271-03MSD

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 22 15:13:20 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

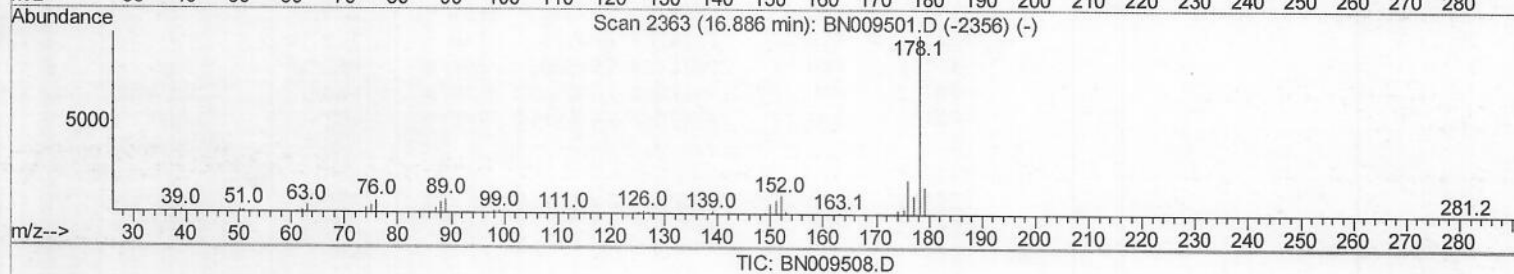
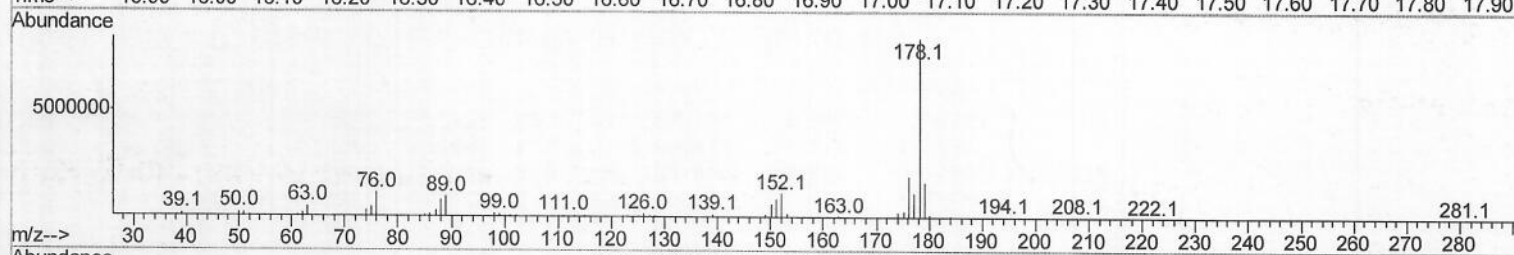
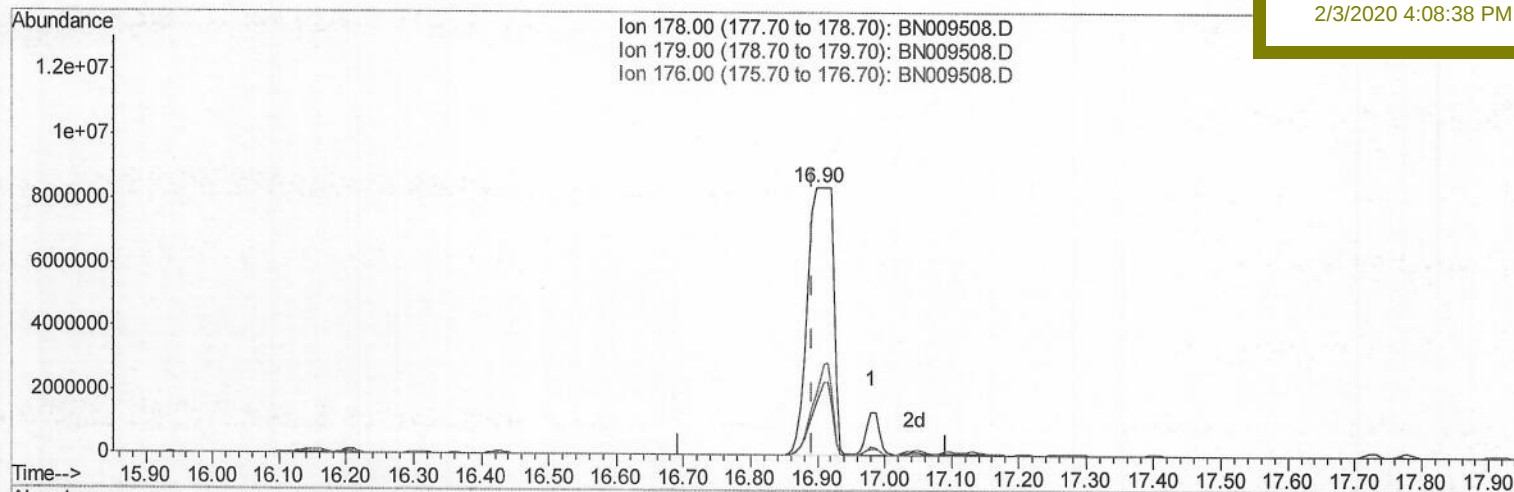
GASZ4MSD

Manual Integrations

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(69) Phenanthrene

16.898min (+0.006) 475.49ng/ul m

response 22197493

Ion	Exp%	Act%
178.00	100	100
179.00	16.60	20.22#
176.00	19.40	23.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

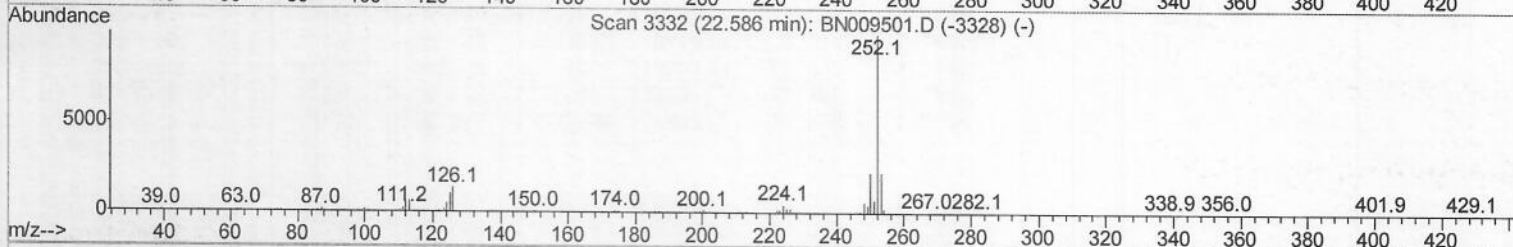
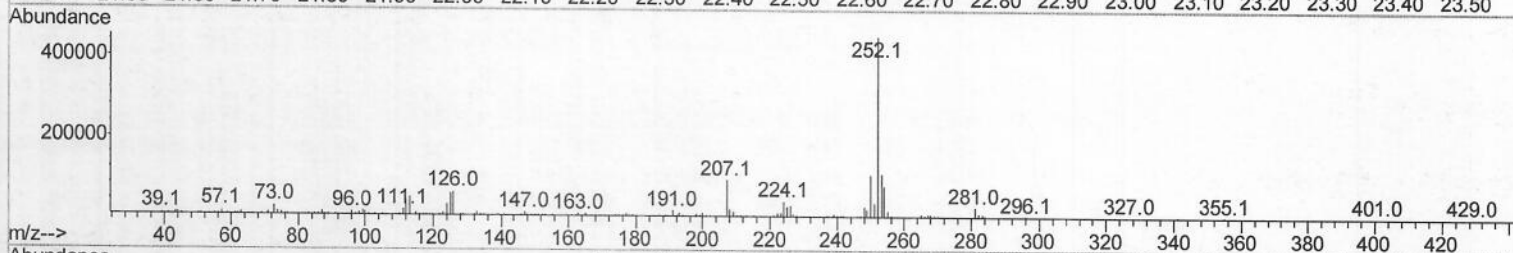
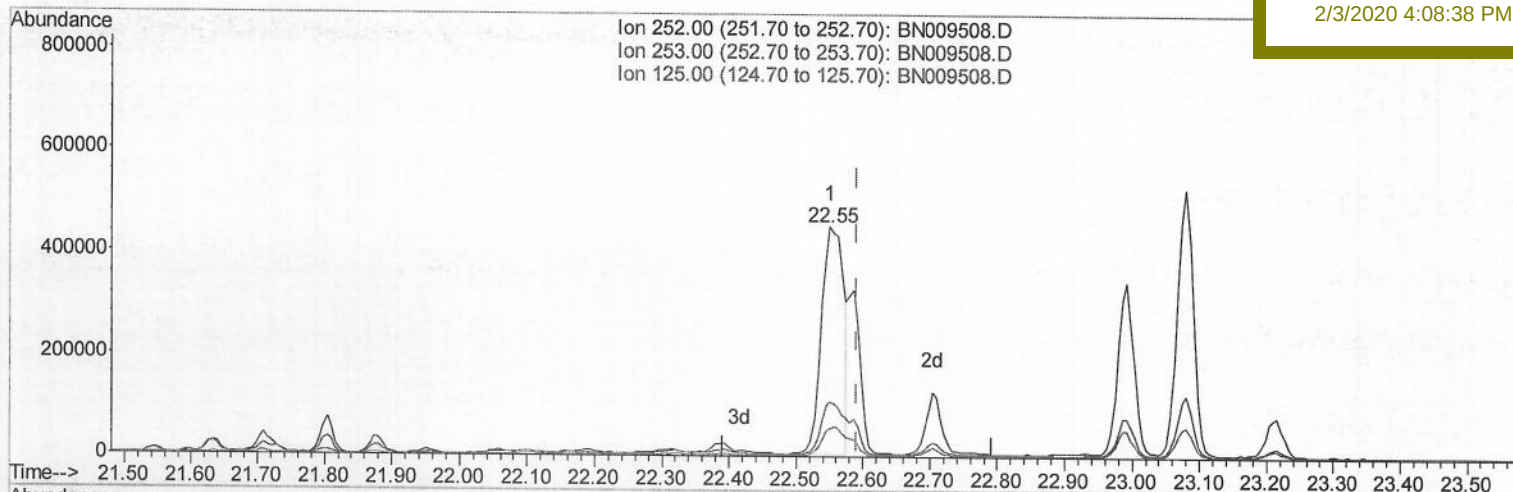
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 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GASZ4MSD

Manual Integrations
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TIC: BN009508.D

(88) Benzo(k)fluoranthene

22.551min (-0.041) 21.08ng/ul

response 1039198

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	24.09
125.00	9.80	12.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

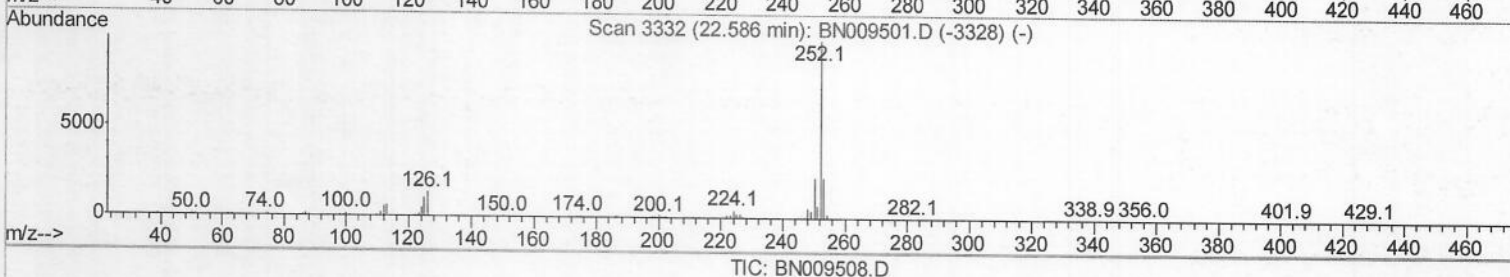
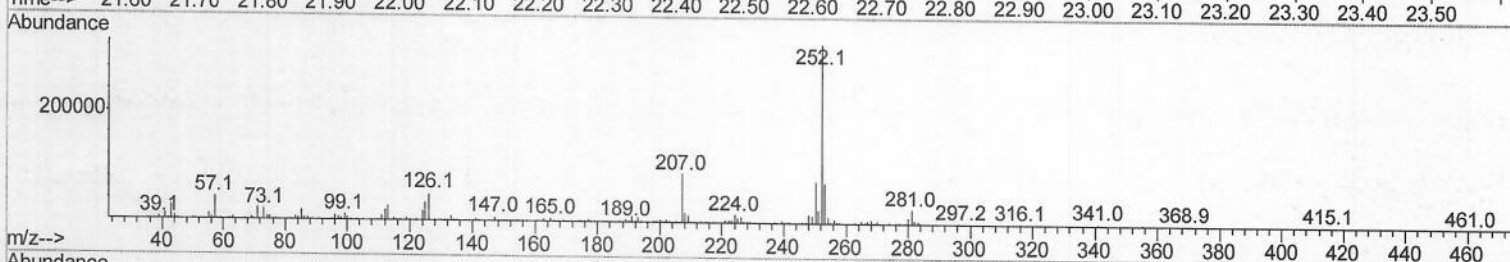
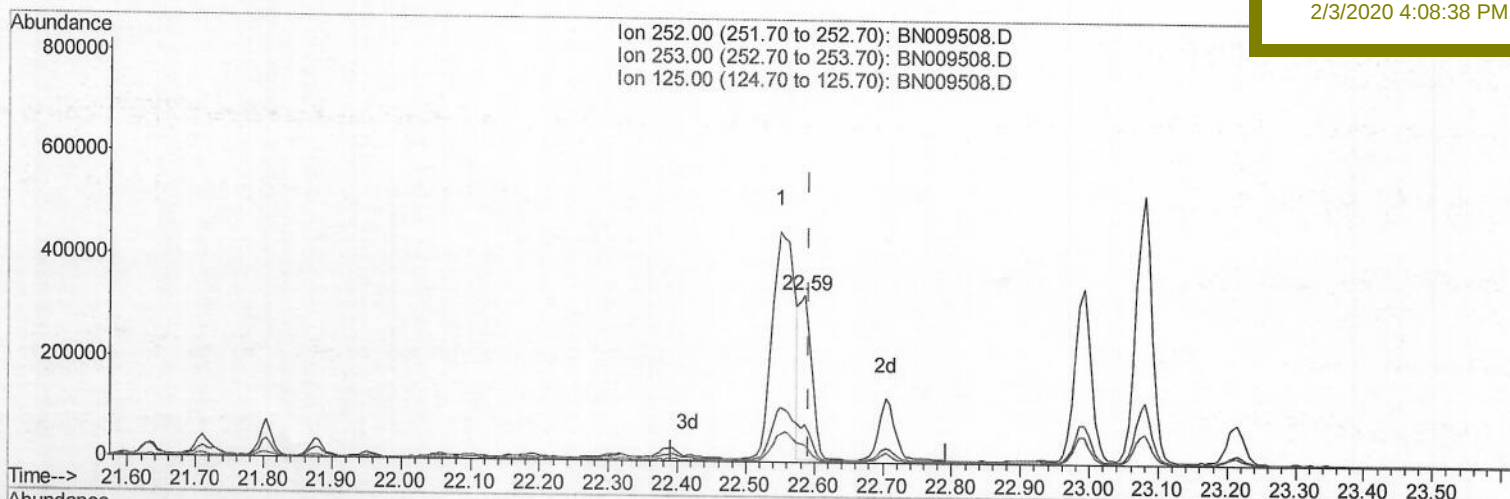
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009508.D
 Acq On : 31 Jan 2020 13:25
 Operator : CG/JU
 Sample : L1271-03MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 22:18:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GASZ4MSD

Manual Integrations
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(88) Benzo(k)fluoranthene

22.586min (-0.006) 7.96ng/ul m > JU 02/07/20

response 392421

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.62
125.00	9.80	10.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009508.D
Acq On : 31 Jan 2020 13:25
Operator : CG/JU
Sample : L1271-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 23:49:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

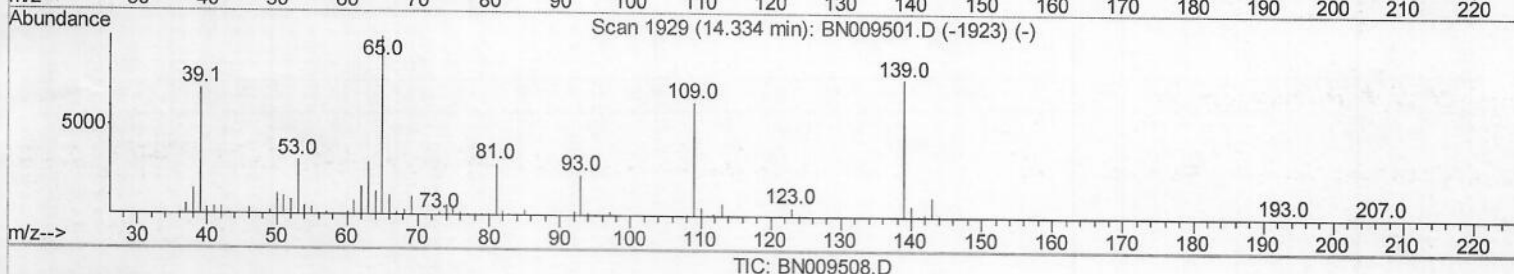
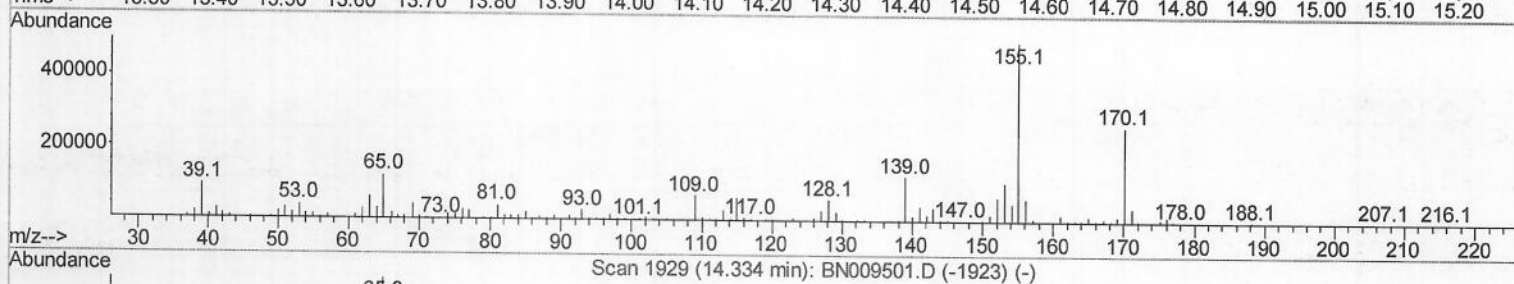
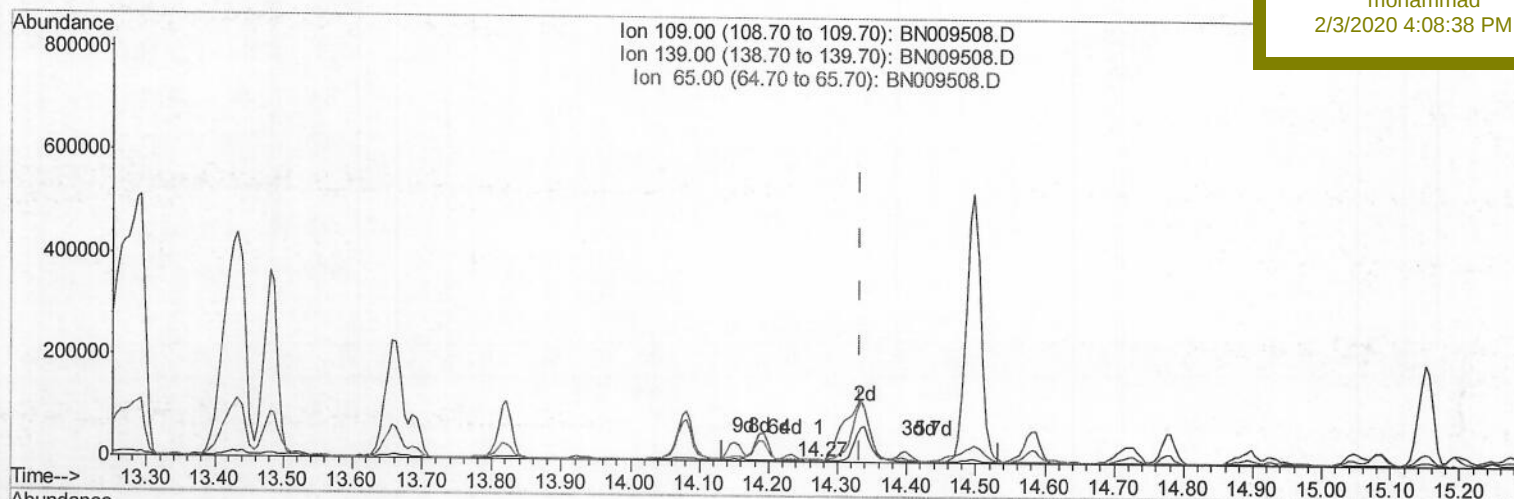
GASZ4MSD

Manual Integrations

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(52) 4-Nitrophenol

14.275min (-0.059) 0.09ng/ul

response 564

Ion	Exp%	Act%
109.00	100	100
139.00	106.60	91.92
65.00	157.10	181.46
0.00	0.00	0.00

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Data File : BN009508.D

Acq On : 31 Jan 2020 13:25

Operator : CG/JU

Sample : L1271-03MSD

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 23:49:50 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 22 15:13:20 2020

Response via : Initial Calibration

Instrument :

BNA_N

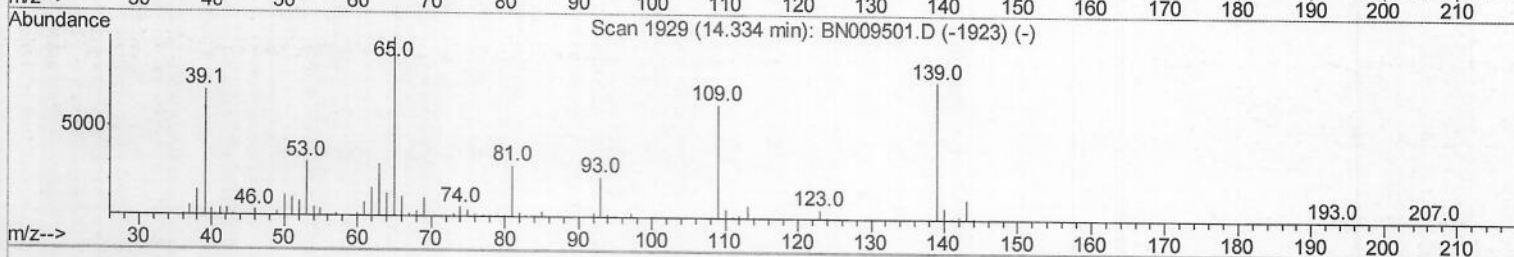
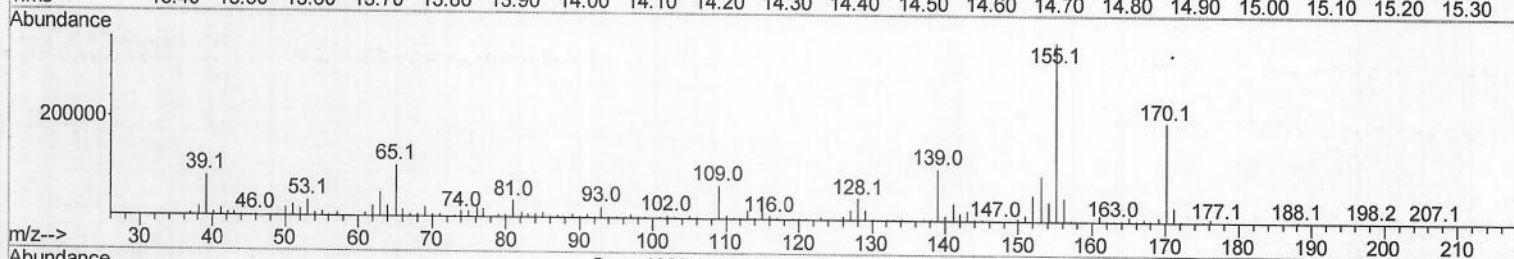
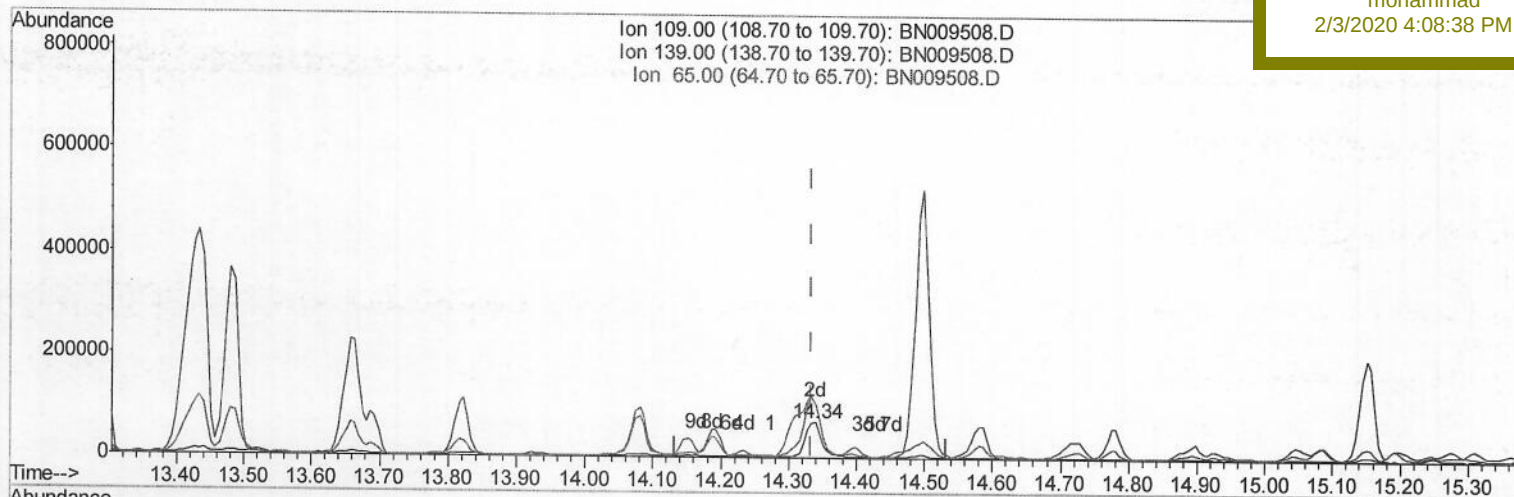
Client Sampled :

GASZ4MSD

Manual Integrations
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(52) 4-Nitrophenol

14.339min (+0.006) 17.51ng/ul m

response 110867

Ion	Exp%	Act%
109.00	100	100
139.00	106.60	152.58#
65.00	157.10	152.42
0.00	0.00	0.00

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 GASZ4MSD

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	163404	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.22	136	685235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	496762	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	827357	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	720420	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	792755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	28468	7.21	ng/uL	0.00
5) Phenol-d5	6.65	99	274929	18.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl) ether-d	6.80	67	201202	19.56	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.99	132	220838	20.88	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	174026	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	117781	23.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	124975	23.91	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	212646	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	240056	19.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	683229	18.58	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	803781	18.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	125459	18.34	ng/ul	0.00
57) Fluorene-d10	15.09	176	603400	18.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	84274	16.82	ng/ul	0.02
70) Anthracene-d10	16.95	188	854766	22.33	ng/ul	0.00
78) Pyrene-d10	19.25	212	947946	24.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	923154	23.07	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.68	94	421938	27.794	ng/ul	94
10) 2-Chlorophenol	7.02	128	257392	23.385	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.26	70	229317	22.662	ng/ul#	88
28) Naphthalene	10.26	128	43223882m	1172.166	ng/ul	92
33) 4-Chloro-3-methylphenol	11.53	107	276402	22.442	ng/ul	97
34) 2-Methylnaphthalene	11.90	142	41285258m	1626.294	ng/ul	98
40) 1,1'-Biphenyl	12.92	154	4482553	119.168	ng/ul	97
44) Dimethylphthalate	13.56	163	153584	4.058	ng/ul#	98
47) Acenaphthylene	13.82	152	669166	14.209	ng/ul#	63
49) Acenaphthene	14.16	153	1564351	48.691	ng/ul	100
52) 4-Nitrophenol	14.34	109	110867m	17.506	ng/ul	98
53) Dibenzofuran	14.50	168	1807733	40.497	ng/ul	56
54) 2,4-Dinitrotoluene	14.49	165	397379	36.994	ng/ul#	99
58) Fluorene	15.15	166	3194621	85.410	ng/ul#	84
64) N-Nitrosodiphenylamine	15.37	169	145136	5.925	ng/ul#	97
68) Pentachlorophenol	16.52	266	104572	19.448	ng/ul	99
69) Phenanthrene	16.90	178	22197493m	475.490	ng/ul	79
71) Anthracene	16.98	178	1778979	37.427	ng/ul	99
74) Carbazole	17.25	167	51902	1.275	ng/ul#	99
76) Fluoranthene	18.92	202	4900581	91.573	ng/ul	97
79) Pyrene	19.29	202	9144162	175.299	ng/ul	96
82) Benzo(a)anthracene	21.04	228	2540389	51.782	ng/ul	98
84) Chrysene	21.09	228	2178244	45.579	ng/ul	

JU
 02/07/20

JU
 02/07/20

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 31 23:51:42 2020
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
87) Benzo(b)fluoranthene	22.55	252	1039198	20.732	ng/ul#	93
88) Benzo(k)fluoranthene	22.59	252	392421m	7.962	ng/ul	93
90) Benzo(a)pyrene	23.08	252	862705	19.174	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	386606	7.090	ng/ul	94
92) Dibenzo(a,h)anthracene	25.23	278	155635	3.383	ng/ul	96
93) Benzo(a,h,i)perylene	25.86	276	294755	6.499	ng/ul	94

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