

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 30 07:27:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

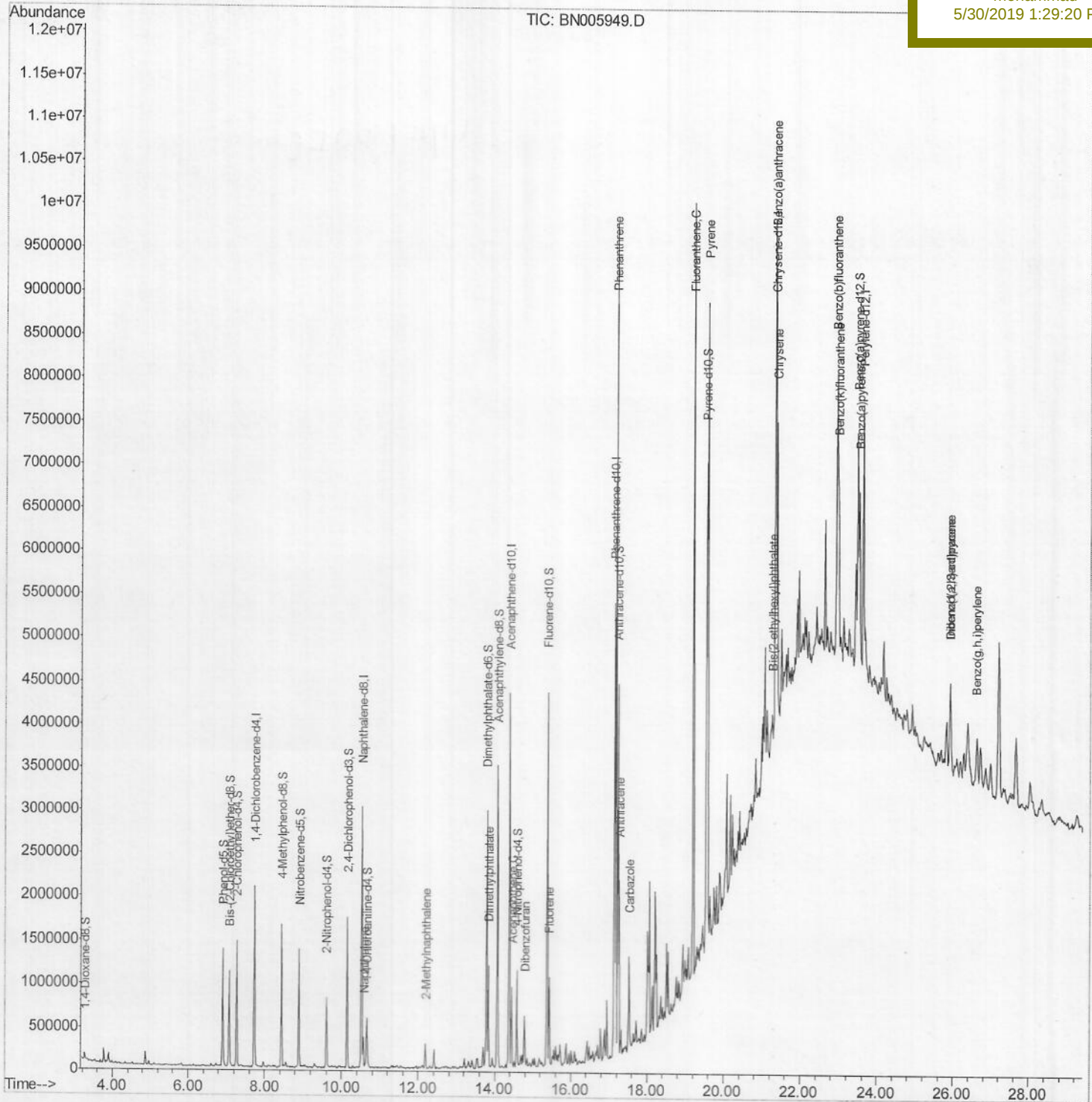
A42C4

Manual Integrations

APPROVED

mohammad

5/30/2019 1:29:20 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 30 05:03:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

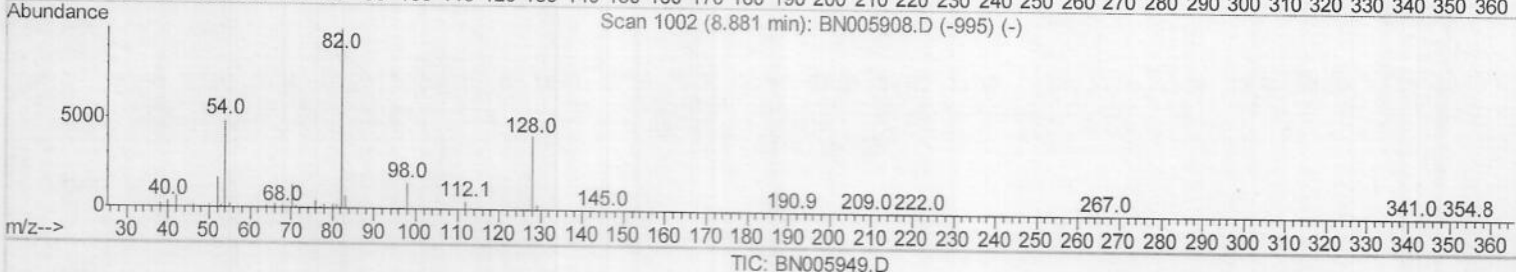
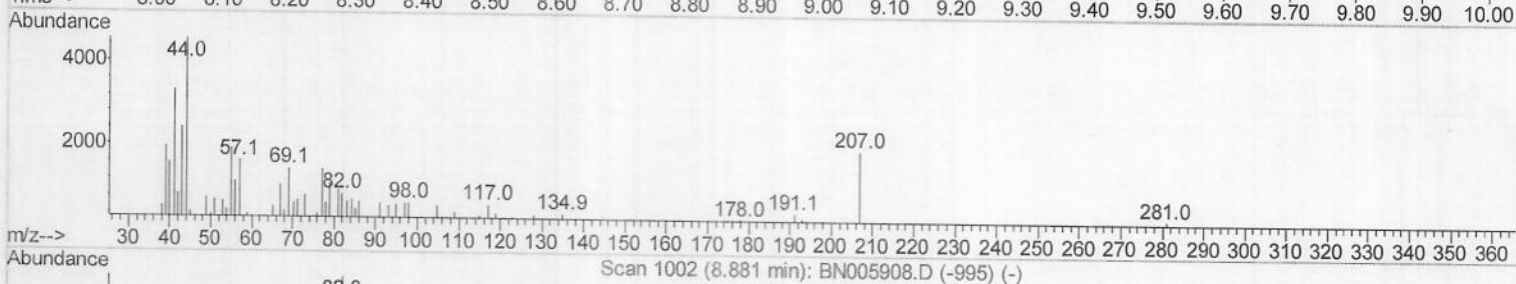
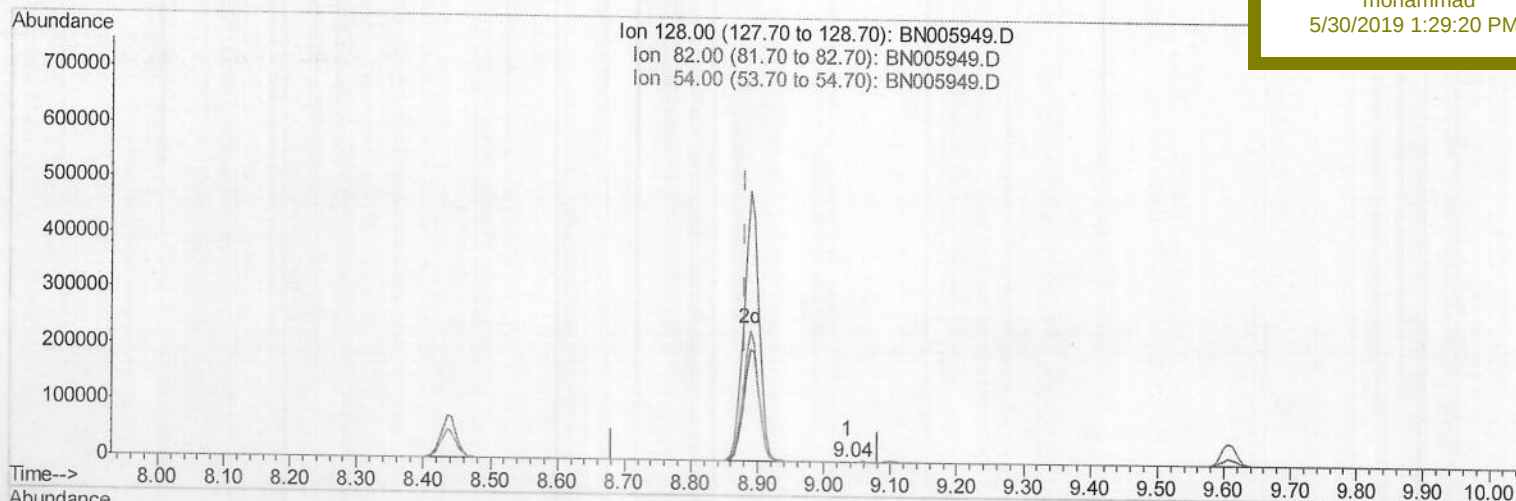
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42C4

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:20 PM

(19) Nitrobenzene-d5 (S)

9.036min (+0.155) 0.02ng/ul

response 377

Ion	Exp%	Act%
128.00	100	100
82.00	260.20	217.60
54.00	147.90	119.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mav 30 05:03:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

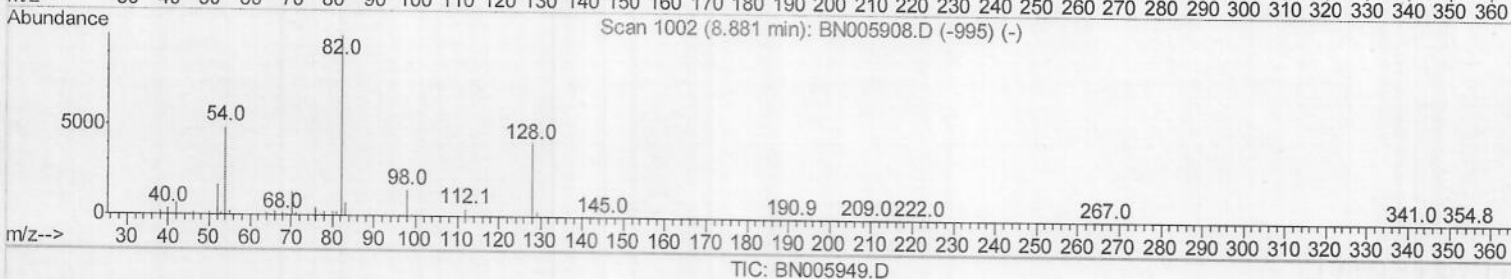
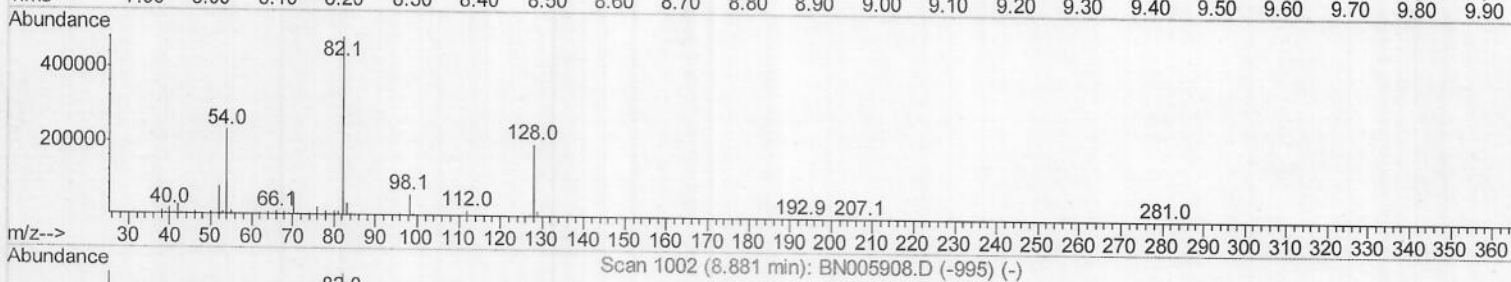
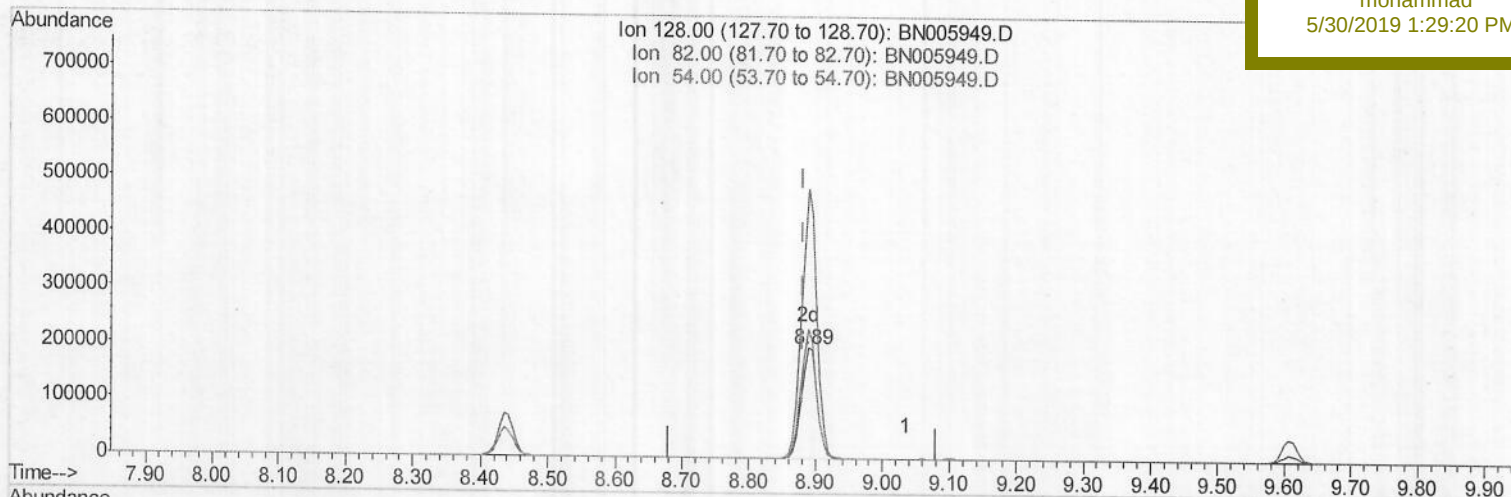
A42C4

Manual Integrations

APPROVED

mohammad

5/30/2019 1:29:20 PM



(19) Nitrobenzene-d5 (S)

8.889min (+0.008) 20.37ng/ul m

) 5006105/19

response 322447

Ion	Exp%	Act%
128.00	100	100
82.00	260.20	245.45
54.00	147.90	117.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 30 05:03:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

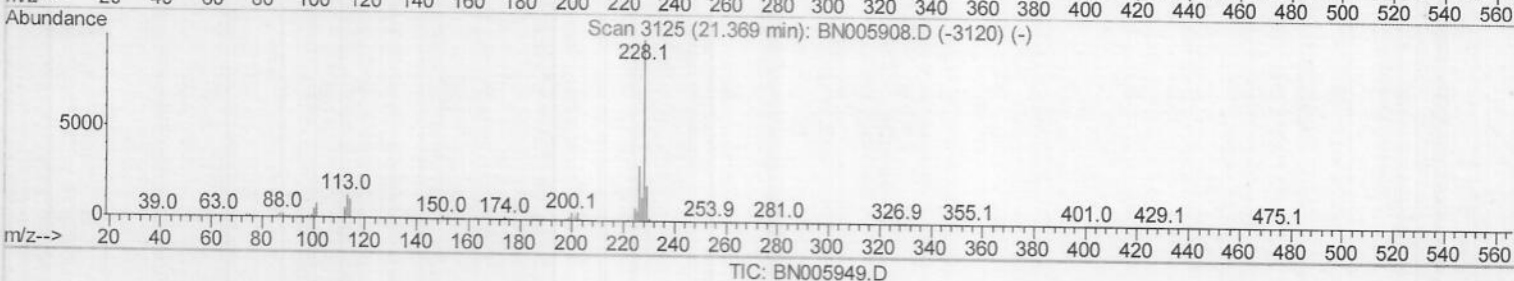
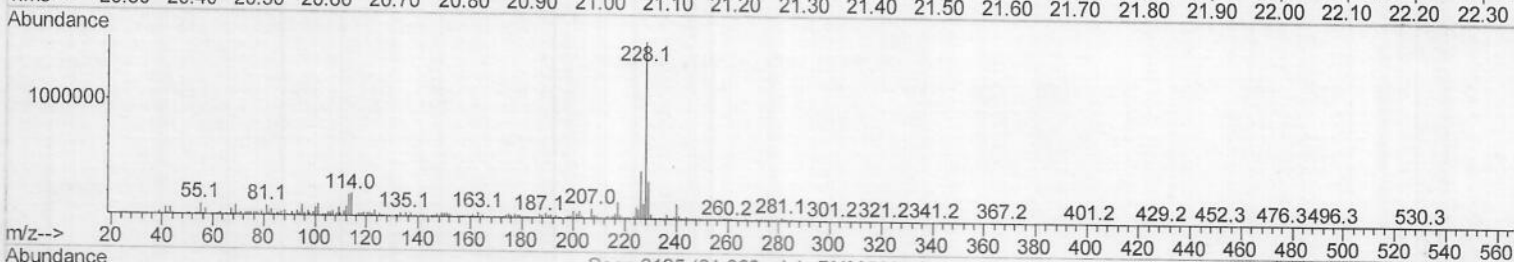
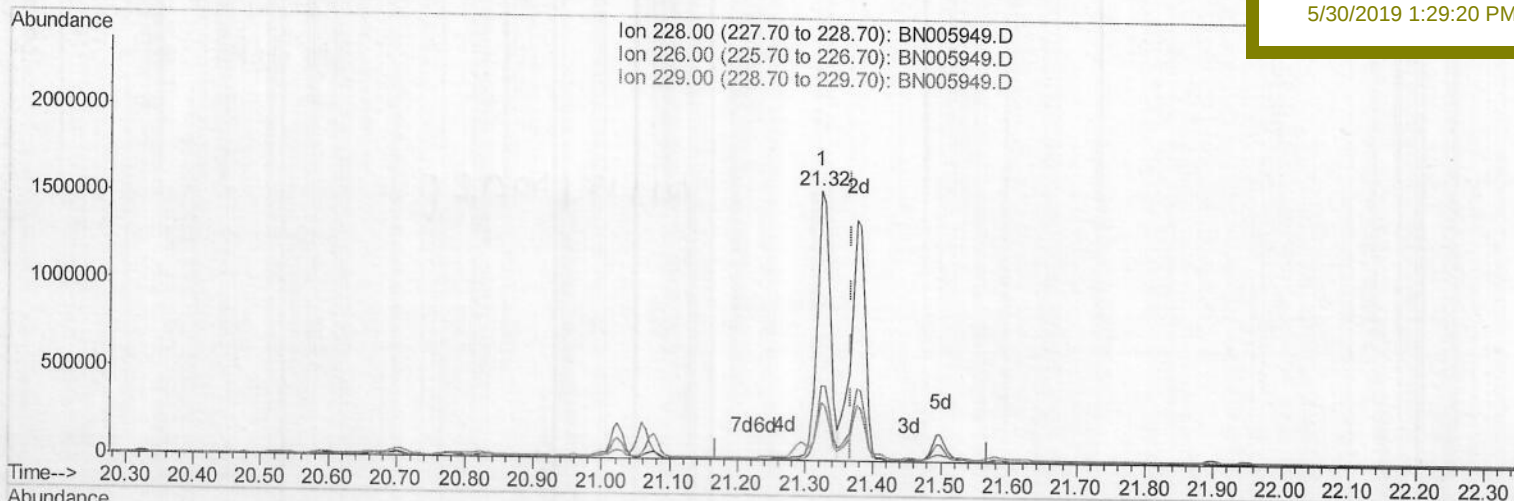
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42C4

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:20 PM

(84) Chrysene

21.323min (-0.045) 17.41ng/ul

response 2045257

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	27.56
229.00	19.20	21.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 30 05:03:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

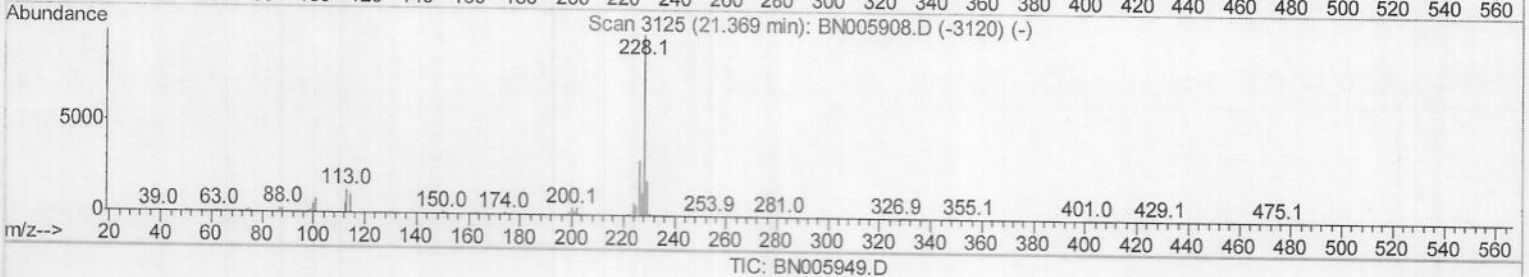
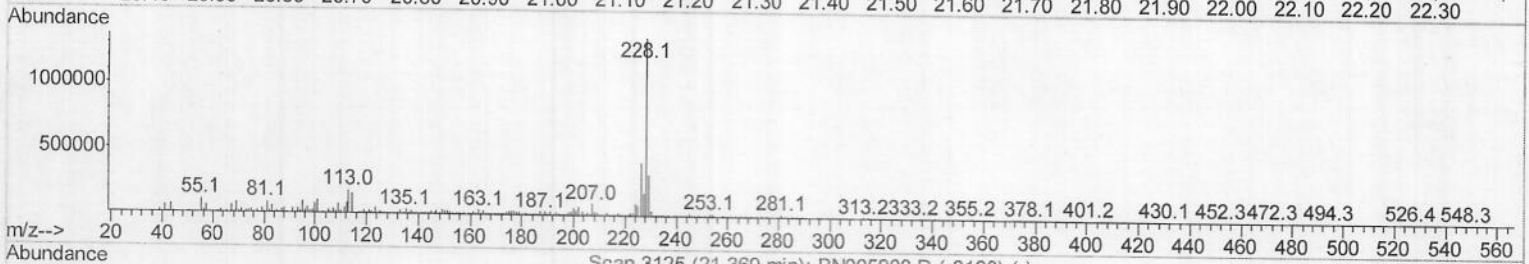
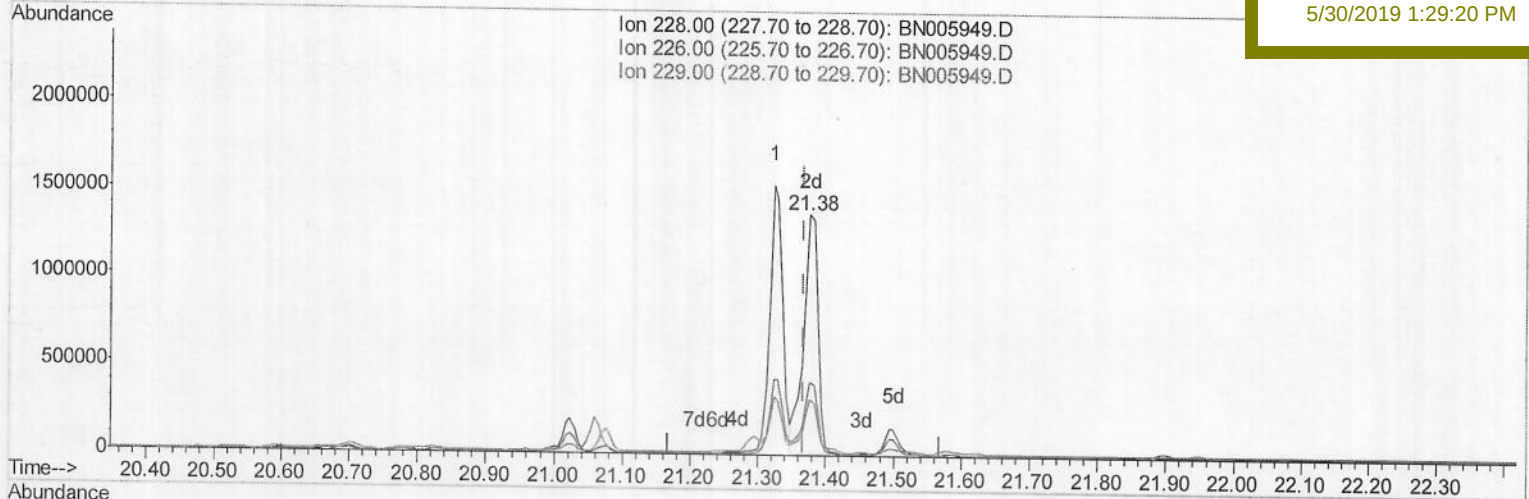
A42C4

Manual Integrations

APPROVED

mohammad

5/30/2019 1:29:20 PM



TIC: BN005949.D

(84) Chrysene

21.376min (+0.008) 17.00ng/ul m) JU 06/05/19

response 1997209

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.85
229.00	19.20	23.14#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 30 05:03:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

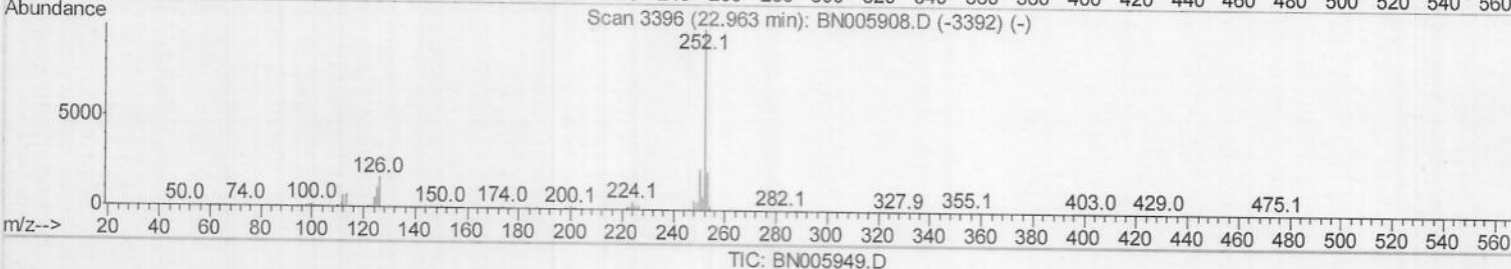
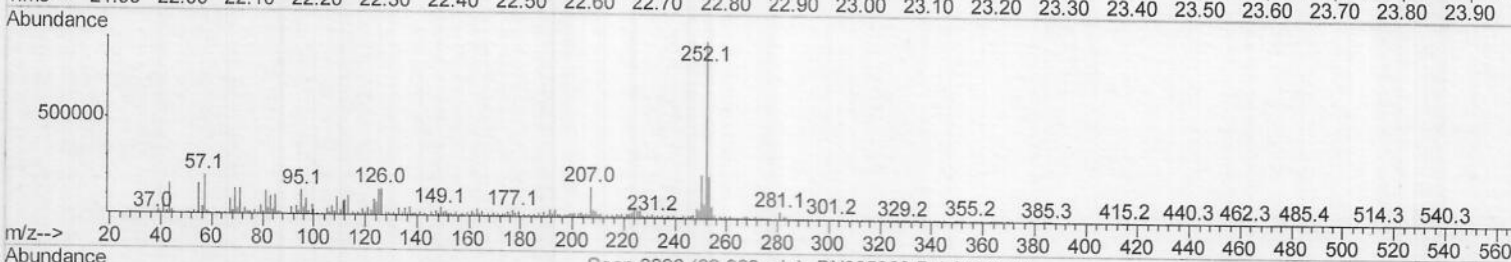
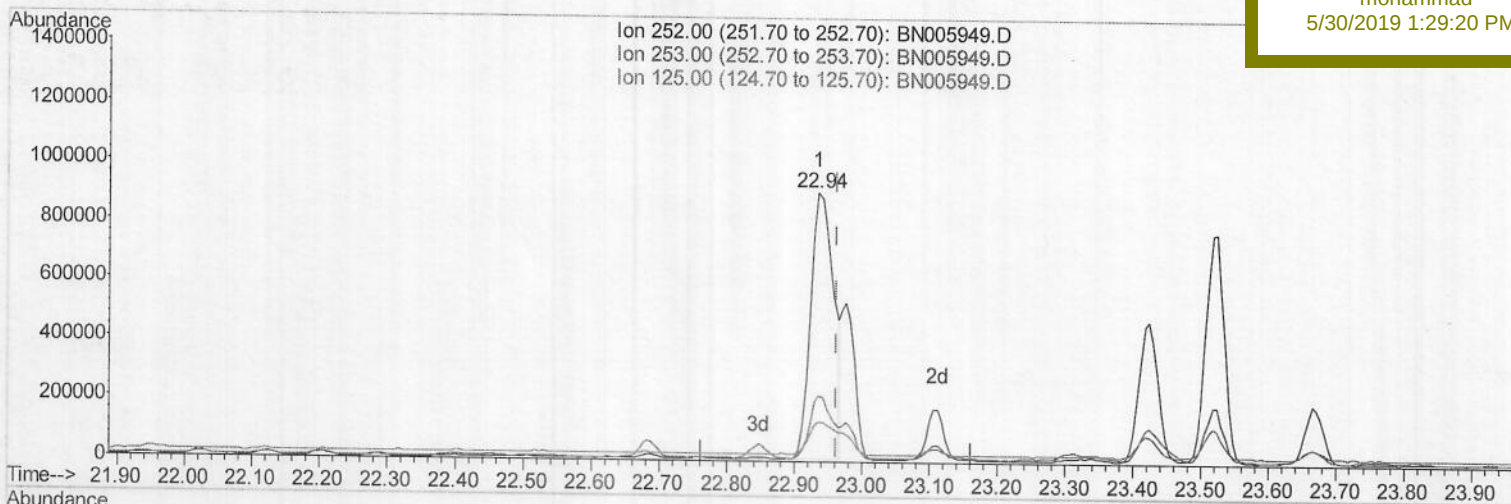
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42C4

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:20 PM

(88) Benzo(k)fluoranthene

22.935min (-0.028) 18.64ng/ul

response 2095541

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.09
125.00	9.40	14.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mav 30 05:03:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

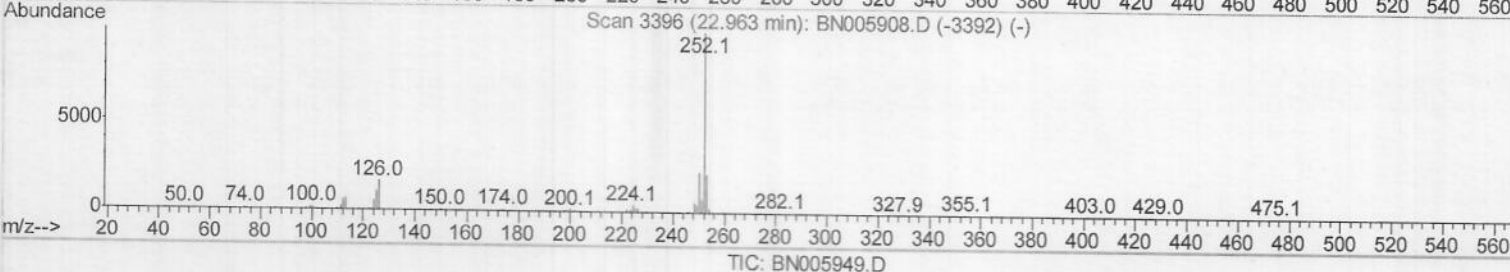
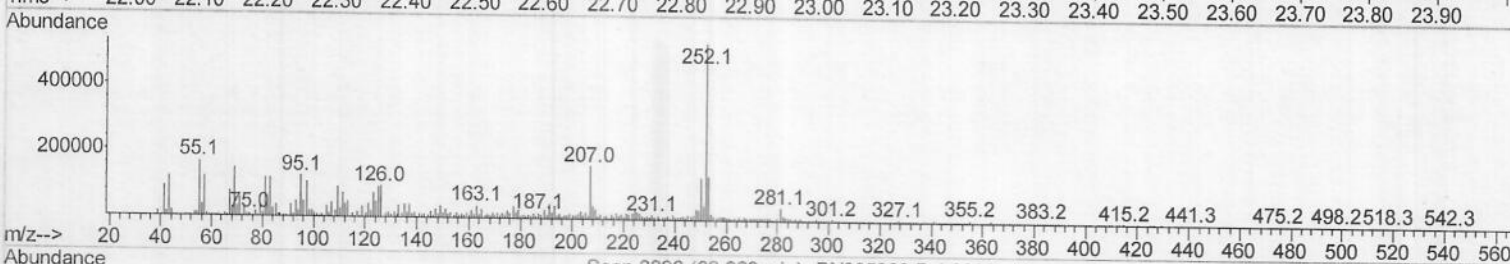
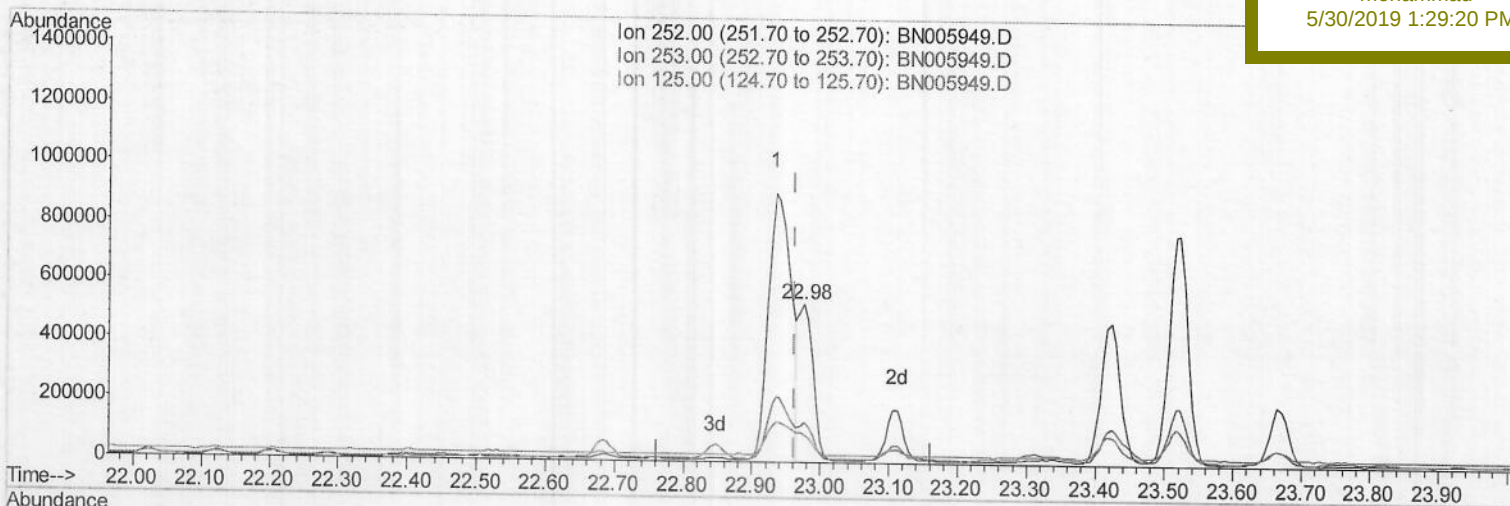
A42C4

Manual Integrations

APPROVED

mohammad

5/30/2019 1:29:20 PM



TIC: BN005949.D

(88) Benzo(k)fluoranthene

22.976min (+0.014) 6.56ng/ul m

JU 06/05/19

response 737551

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.00
125.00	9.40	17.42#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005949.D

Acq On : 30 May 2019 02:02

Operator : JU/SJ

Sample : K2928-10

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 30 07:27:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

A42C4

Manual Integrations

APPROVED

mohammad

5/30/2019 1:29:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	552013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2466772	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1404643	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	2961064	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	2004070	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2177045	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37109	2.96	ng/uL	0.00
5) Phenol-d5	6.91	99	780987	15.96	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.07	67	483413	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	645168	17.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	617903	15.64	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	322447m	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	266205	18.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	622306	17.87	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	260164	5.70	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	1911274	18.46	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2384940	18.41	ng/ul	0.01
51) 4-Nitrophenol-d4	14.58	143	237503	12.60	ng/ul	0.02
57) Fluorene-d10	15.38	176	1649281	18.99	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	10363	0.86	ng/ul	0.03
70) Anthracene-d10	17.24	188	2342574	18.59	ng/ul	0.02
78) Pyrene-d10	19.54	212	2174101	21.48	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.48	264	1749931	18.01	ng/ul	0.03

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.57	128	274998	2.349	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	132579	1.537	ng/ul	98
44) Dimethylphthalate	13.84	163	678562	6.556	ng/ul	100
49) Acenaphthene	14.45	153	349647	4.052	ng/ul	99
53) Dibenzofuran	14.78	168	299768	2.461	ng/ul	98
58) Fluorene	15.44	166	423870	4.430	ng/ul	96
69) Phenanthrene	17.18	178	5423585	36.968	ng/ul	98
71) Anthracene	17.26	178	1223121	8.212	ng/ul	99
74) Carbazole	17.54	167	628840	4.687	ng/ul	99
76) Fluoranthene	19.21	202	5309913	33.904	ng/ul	95
79) Pyrene	19.57	202	4487169	35.346	ng/ul#	95
82) Benzo(a)anthracene	21.32	228	2013498	15.983	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	107275	1.297	ng/ul#	97
84) Chrysene	21.38	228	1997209m	16.998	ng/ul	
87) Benzo(b)fluoranthene	22.94	252	2095541	17.138	ng/ul#	94
88) Benzo(k)fluoranthene	22.98	252	737551m	6.560	ng/ul	
90) Benzo(a)pyrene	23.52	252	1448543	12.562	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.91	276	931237	6.882	ng/ul	96
92) Dibenz(a,h)anthracene	25.92	278	272070	2.415	ng/ul#	80
93) Benzo(a,h,i)perylene	26.62	276	720692	6.324	ng/ul#	91

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

JU06/05/19