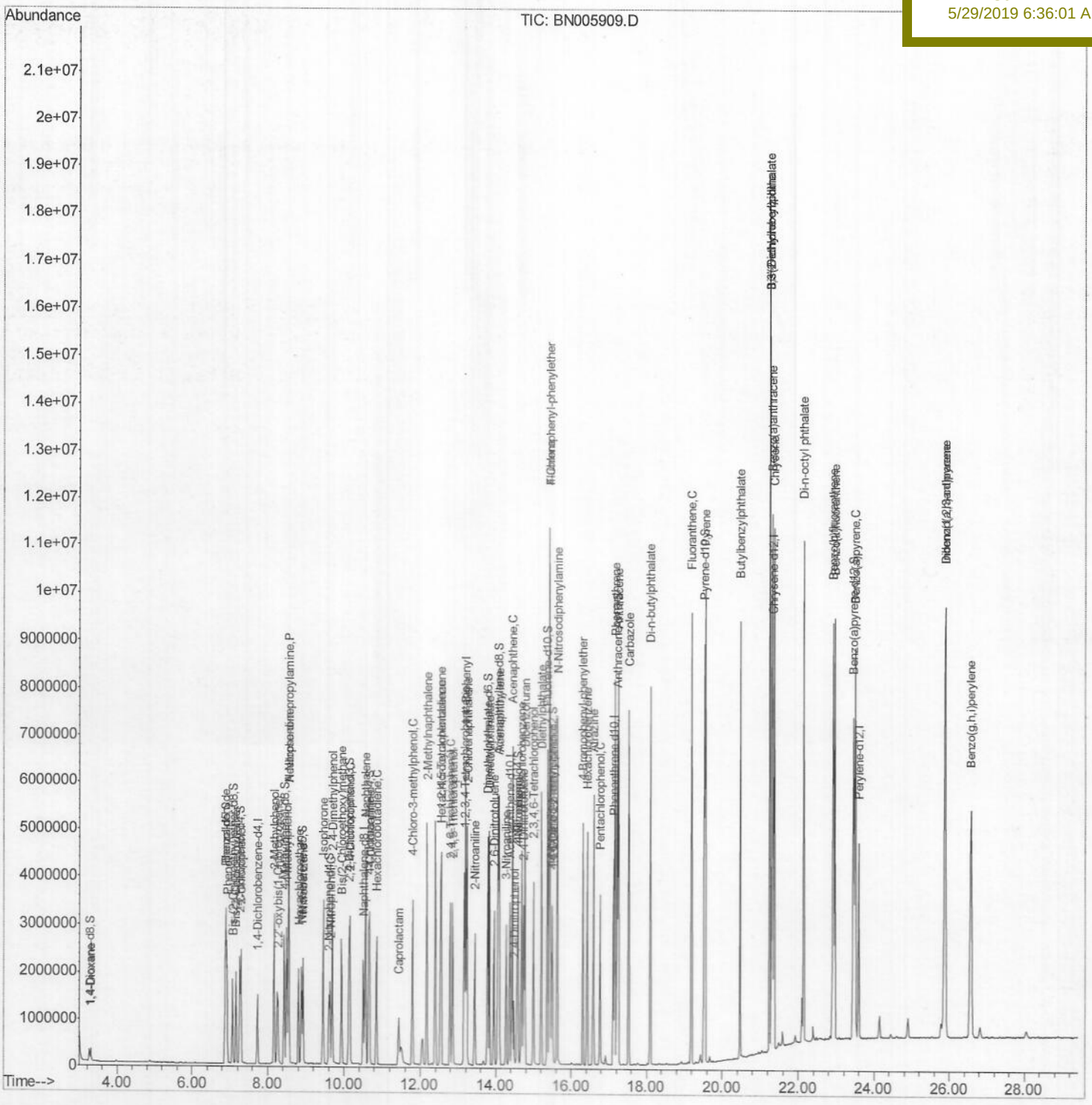
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
Data File : BN005909.D
Acq On : 28 May 2019 23:49
Operator : JU/SJ
Sample : SSTD04084
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 29 00:25:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 00:03:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04084

Manual Integrations APPROVED
Sohil
5/29/2019 6:36:01 AM



Quantitation Report (Qedit)

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Data File : BN005909.D
Acq On : 28 May 2019 23:49
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 00:03:27 2019
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Instrument :
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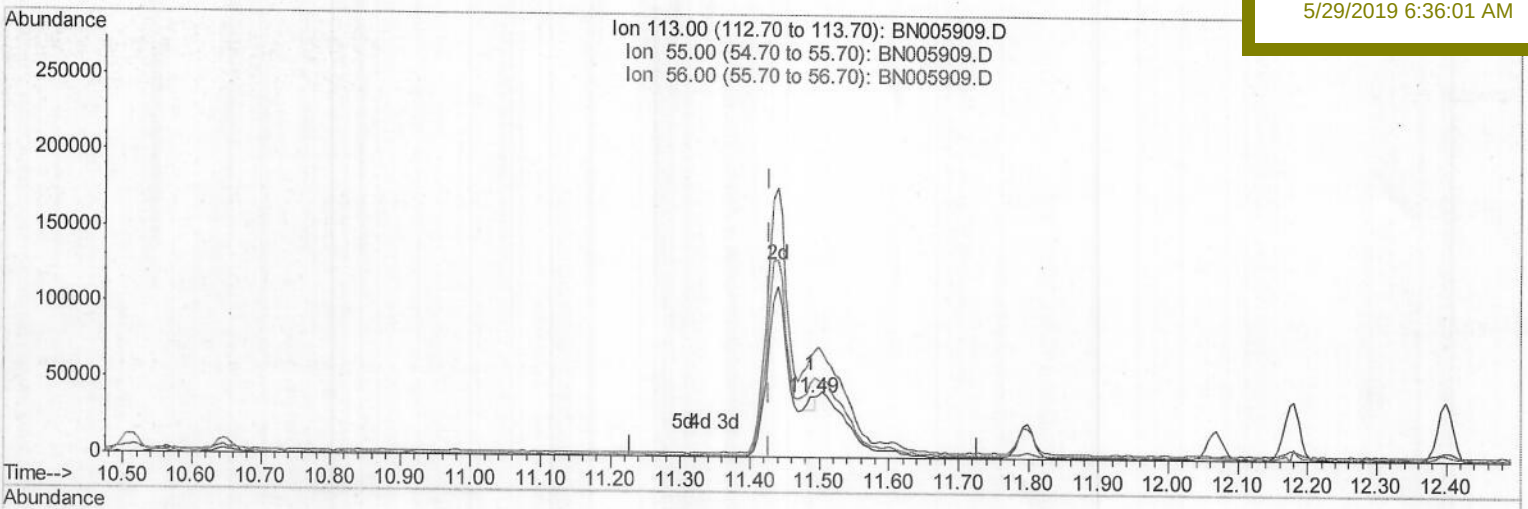

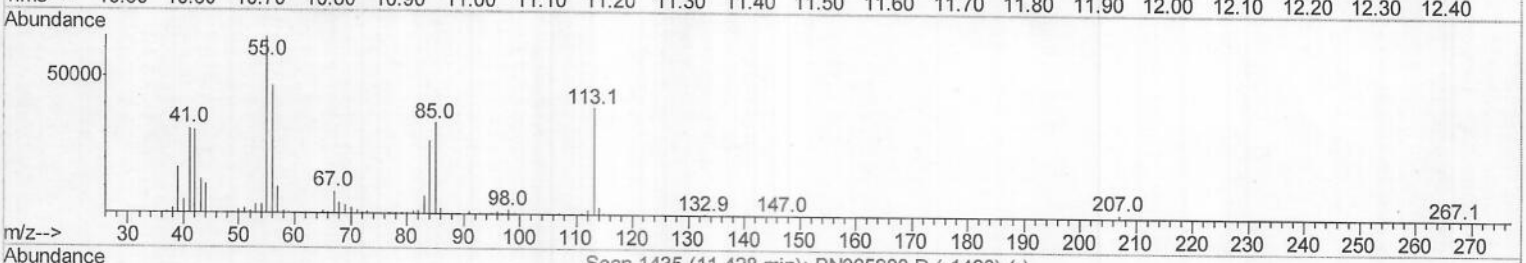

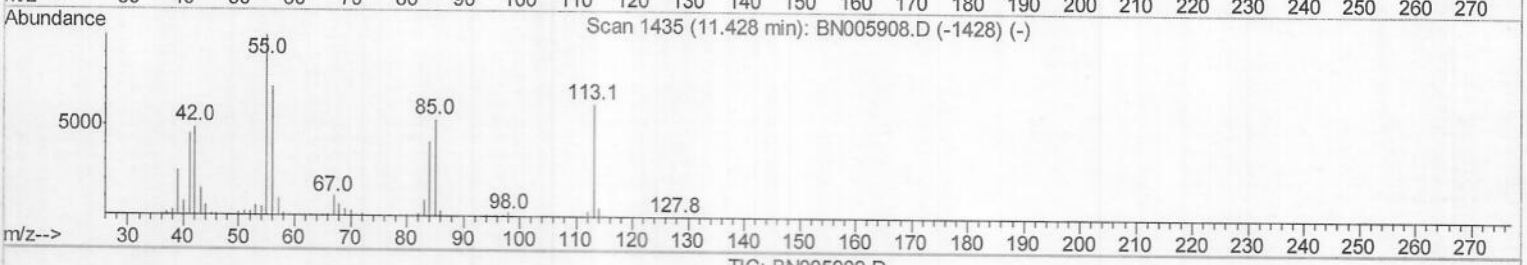

TIC: BN005909.D

(32) Caprolactam

11.487min (+0.059) 0.72ng/ul

response 7351

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	163.65
56.00	148.90	119.59
0.00	0.00	0.00

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Manual Integrations APPROVED
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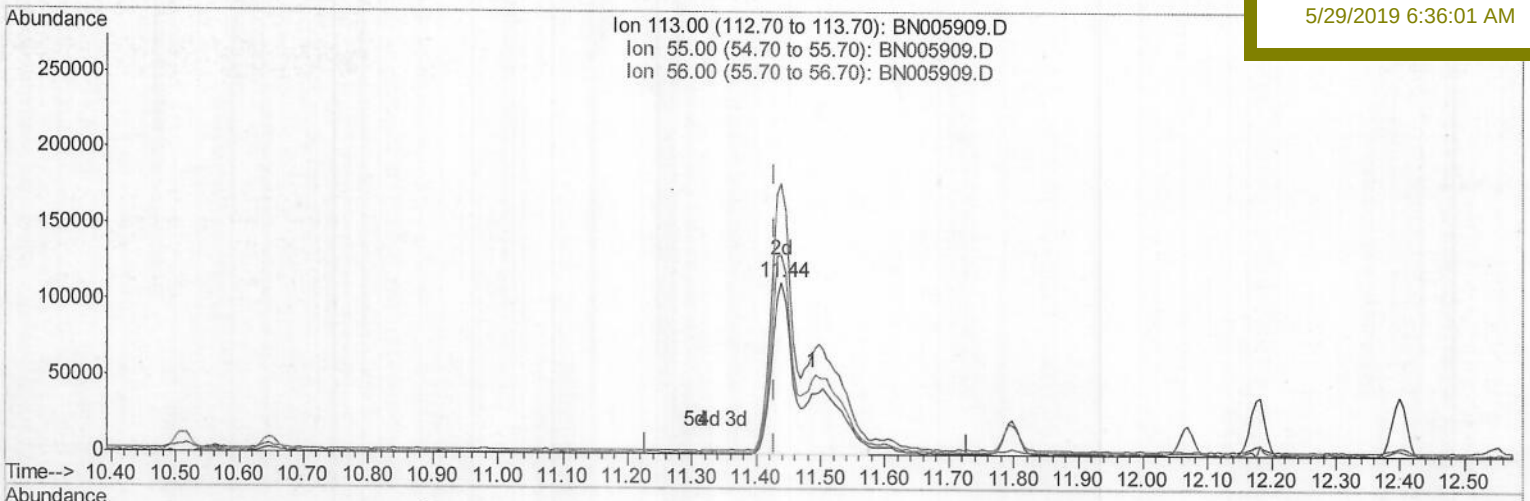

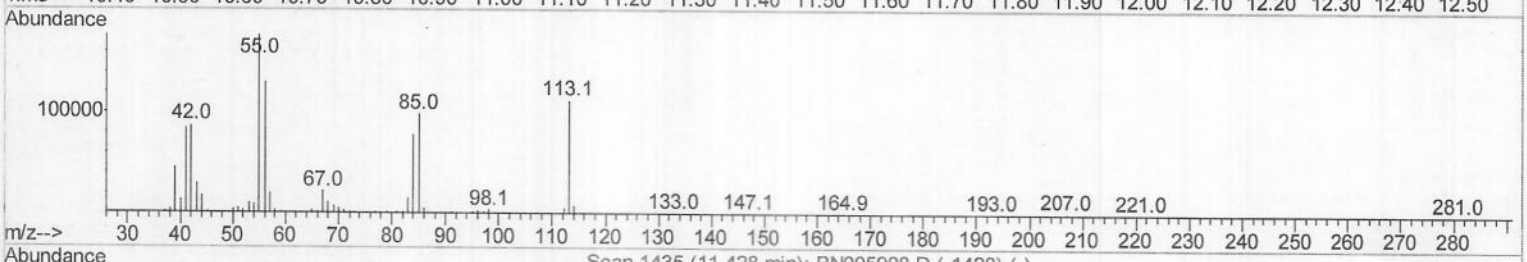

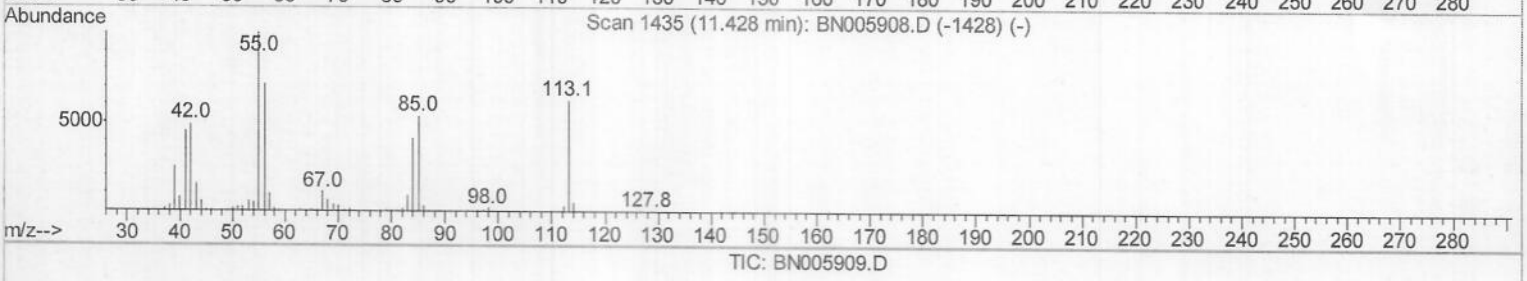

TIC: BN005909.D

(32) Caprolactam

11.440min (+0.012) 39.41ng/ul m JV 05/29/19

response 404354

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	157.68
56.00	148.90	115.65#
0.00	0.00	0.00

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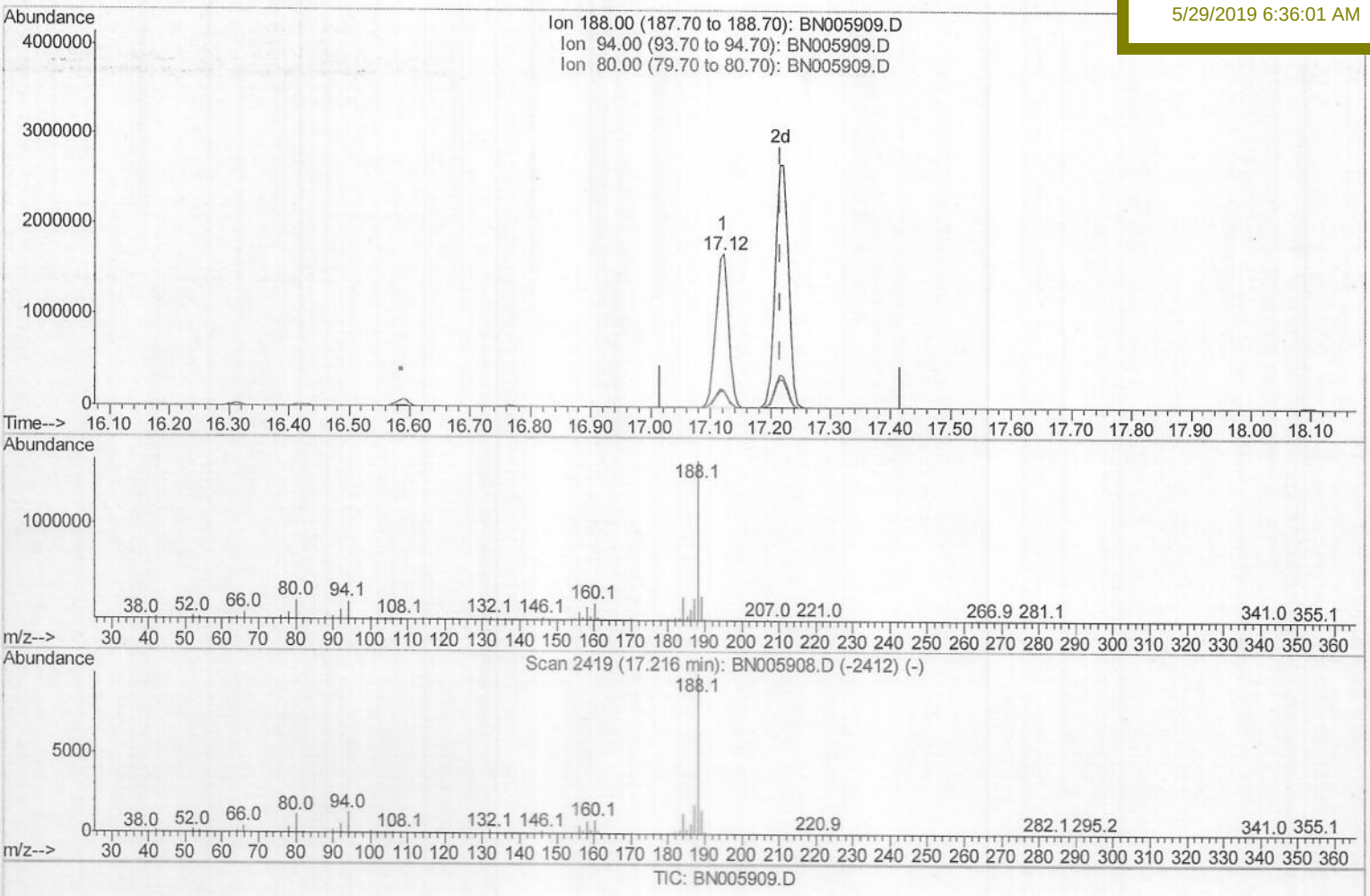
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04084

Manual Integrations APPROVED
Sohil
5/29/2019 6:36:01 AM



TIC: BN005909.D

(70) Anthracene-d10 (S)

17.122min (-0.094) 23.15ng/ul

response 2505260

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.10
80.00	10.30	11.91
0.00	0.00	0.00

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Sample : SSTD04084
Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_N
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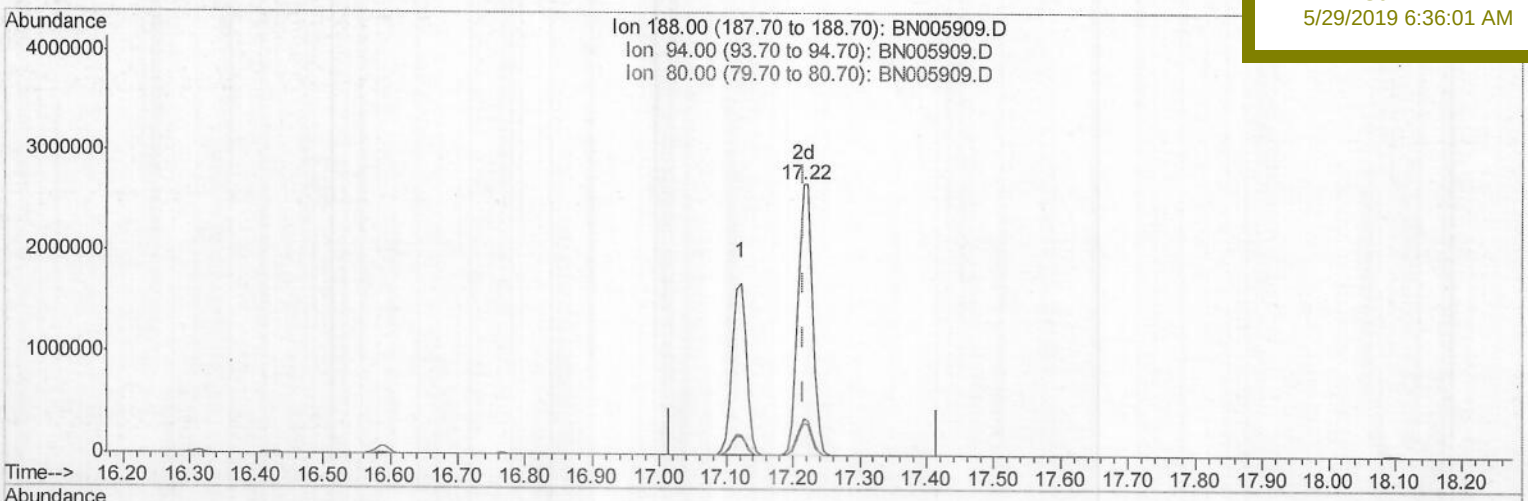
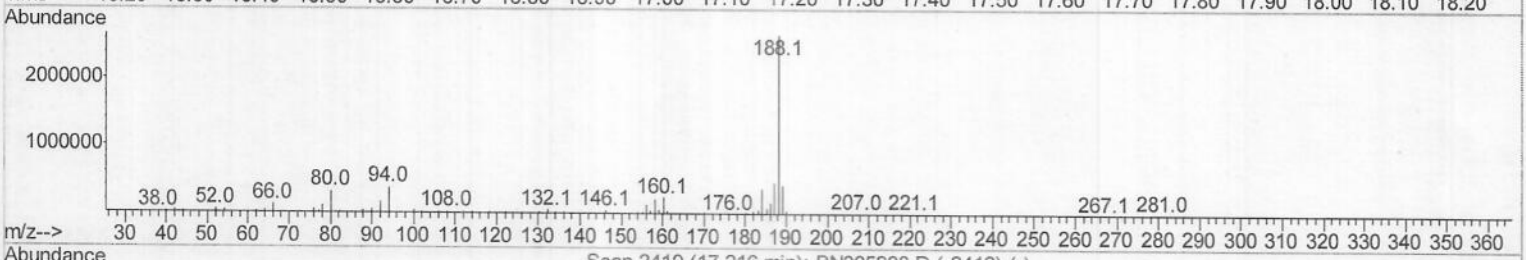
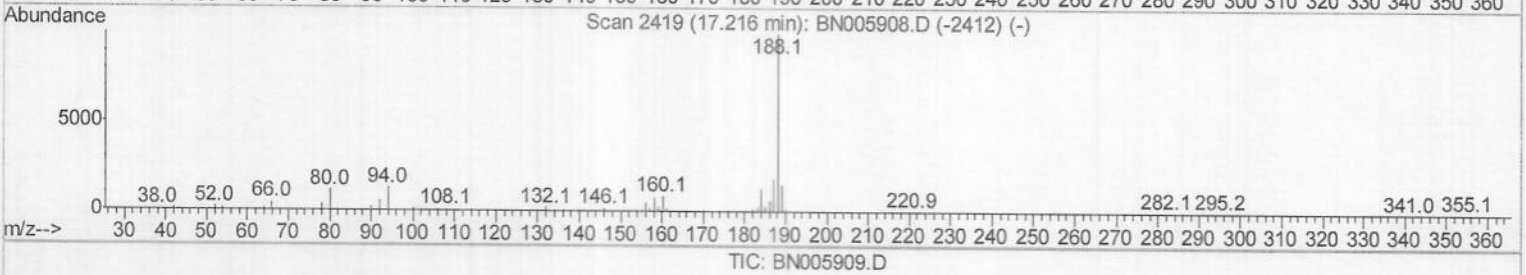
Manual Integrations APPROVED
Sohil
5/29/2019 6:36:01 AM







TIC: BN005909.D

(70) Anthracene-d10 (S)

17.216min (-0.000) 37.67ng/ul m >JU 05/29/19

response 4077316

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.78#
80.00	10.30	11.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
Sohil
5/29/2019 6:36:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	377790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1819286	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1105860	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2505260	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2316741	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2787203	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	128293	19.01	ng/uL	0.00
5) Phenol-d5	6.89	99	1344386	46.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	756913	49.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	1016805	43.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	1086724	43.53	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	481619	36.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	461823	30.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	1024187	35.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1421685	43.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	3158426	37.12	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3937656	38.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	618213	51.57	ng/ul	0.00
57) Fluorene-d10	15.36	176	2615039	35.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	414911	27.55	ng/ul	0.00
70) Anthracene-d10	17.22	188	4077316m	37.67	ng/ul	0.00
78) Pyrene-d10	19.52	212	4465196	39.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	4831037	38.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	140774	19.817	ng/uL	93
4) Benzaldehyde	6.88	77	885714	41.907	ng/ul	99
6) Phenol	6.92	94	1389613	46.691	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.16	93	1059323	48.571	ng/ul	91
10) 2-Chlorophenol	7.29	128	1036571	43.600	ng/ul	96
11) 2-Methylphenol	8.16	108	1071248	45.332	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	1417705	49.435	ng/ul#	93
14) Acetophenone	8.55	105	1637065	40.952	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.54	70	860585	44.583	ng/ul	87
16) 4-Methylphenol	8.49	108	1169427	44.963	ng/ul	96
17) Hexachloroethane	8.80	117	408532	40.047	ng/ul	89
20) Nitrobenzene	8.92	77	1195428	39.160	ng/ul	94
21) Isophorone	9.45	82	2544136	41.801	ng/ul	98
23) 2-Nitrophenol	9.63	139	540525	34.047	ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	1254520	38.266	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.93	93	1534773	44.596	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	1005622	35.913	ng/ul	99
28) Naphthalene	10.56	128	3345199	38.492	ng/ul	100
30) 4-Chloroaniline	10.67	127	1417824	43.382	ng/ul	100
31) Hexachlorobutadiene	10.85	225	548623	26.861	ng/ul	98
32) Caprolactam	11.44	113	404354m	39.411	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	1218935	38.485	ng/ul	93
34) 2-Methylnaphthalene	12.17	142	2462165	36.685	ng/ul	97

JU 05/29/19

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Sohil
5/29/2019 6:36:01 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	1137086	31.937 ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	673370	60.684 ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	776804	35.246 ng/ul	98
39) 2,4,5-Trichlorophenol	12.86	196	841018	36.326 ng/ul	100
40) 1,1'-Biphenyl	13.20	154	3132467	38.955 ng/ul	99
41) 2-Chloronaphthalene	13.24	162	2377910	37.439 ng/ul	99
42) 2-Nitroaniline	13.45	65	704281	38.468 ng/ul	87
44) Dimethylphthalate	13.83	163	3149291	37.539 ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	611180	34.573 ng/ul	97
47) Acenaphthylene	14.09	152	3848917	38.661 ng/ul	99
48) 3-Nitroaniline	14.27	138	671903	43.136 ng/ul	96
49) Acenaphthene	14.43	153	2583044	38.293 ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	239994	26.383 ng/ul	91
52) 4-Nitrophenol	14.58	109	479367	42.820 ng/ul	86
53) Dibenzofuran	14.77	168	3681186	36.783 ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	915170	34.547 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.00	232	710116	33.033 ng/ul	99
56) Diethylphthalate	15.20	149	3284383	38.682 ng/ul	100
58) Fluorene	15.42	166	2828772	34.749 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	1344423	30.273 ng/ul	96
60) 4-Nitroaniline	15.45	138	797925	45.950 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.50	198	466032	30.895 ng/ul	98
64) N-Nitrosodiphenylamine	15.63	169	2654946	40.948 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	897258	34.202 ng/ul	99
66) Hexachlorobenzene	16.43	284	959361	32.597 ng/ul	97
67) Atrazine	16.59	200	994700	36.561 ng/ul	99
68) Pentachlorophenol	16.77	266	596510	43.930 ng/ul	98
69) Phenanthrene	17.16	178	4752559	38.270 ng/ul	98
71) Anthracene	17.25	178	4814417	38.076 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	1185302	35.291 ng/uL	97
73) Pentachlorobenzene	14.69	250	1096845	33.112 ng/uL	99
74) Carbazole	17.52	167	4660626	41.807 ng/ul	100
75) Di-n-butylphthalate	18.10	149	5772618	43.349 ng/ul	99
76) Fluoranthene	19.19	202	5543791	36.108 ng/ul#	92
79) Pyrene	19.55	202	5568946	39.144 ng/ul#	90
80) Butylbenzylphthalate	20.47	149	2704725	46.405 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	1982614	40.740 ng/ul	99
82) Benzo(a)anthracene	21.32	228	5535818	37.929 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.25	149	3685075	44.561 ng/ul	99
84) Chrysene	21.37	228	5155791	37.472 ng/ul	97
86) Di-n-octyl phthalate	22.14	149	6933900	46.625 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	6001309	39.139 ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	5562985	37.495 ng/ul#	97
90) Benzo(a)pyrene	23.50	252	5689169	38.316 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.88	276	6798192	37.449 ng/ul#	92
92) Dibenzo(a,h)anthracene	25.89	278	5673226	37.126 ng/ul	98
93) Benzo(g,h,i)perylene	26.57	276	5779747	38.089 ng/ul#	94

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