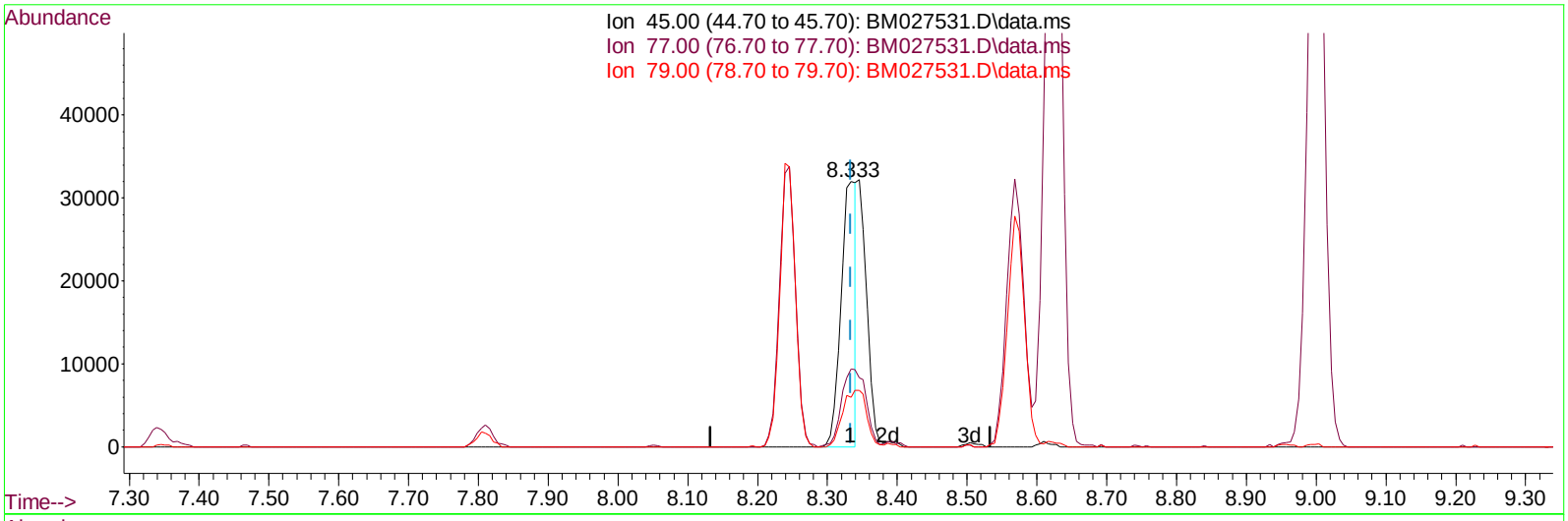
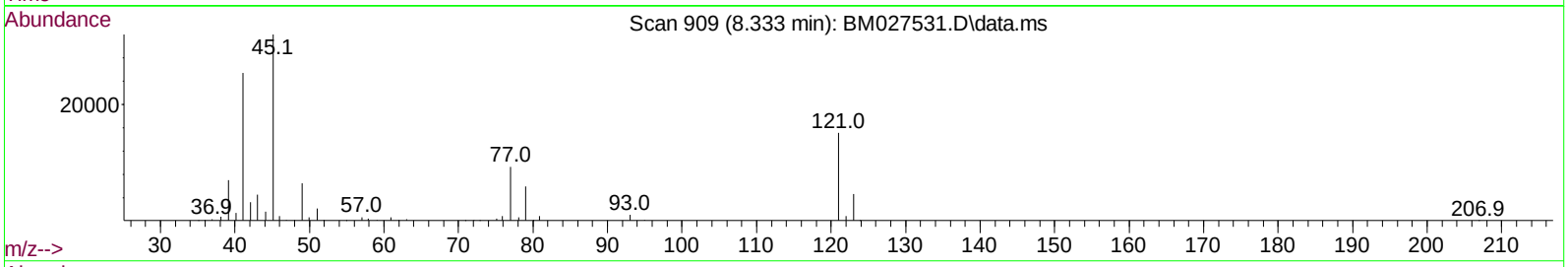
Quantitation Report (Qedit)

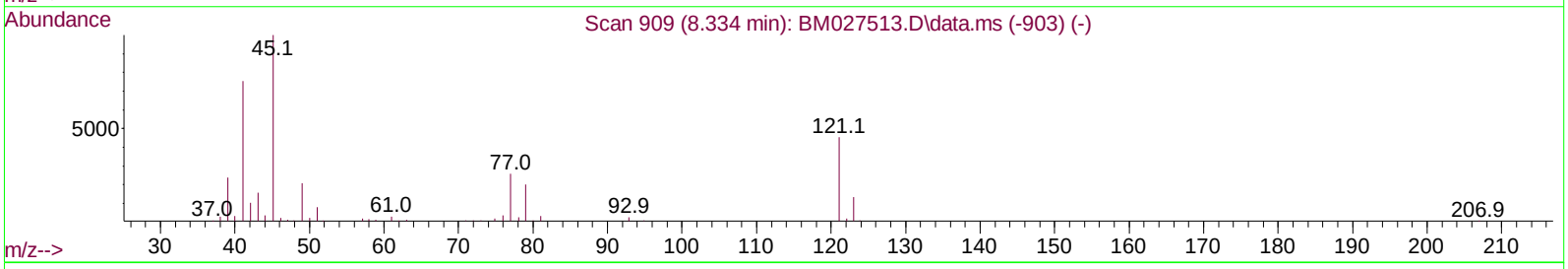
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration







TIC: BM027531.D\data.ms

(12) 2,2'-oxybis(1-Chloropropane)

8.333min (-0.000) 12.03 ng/ul

response 47668

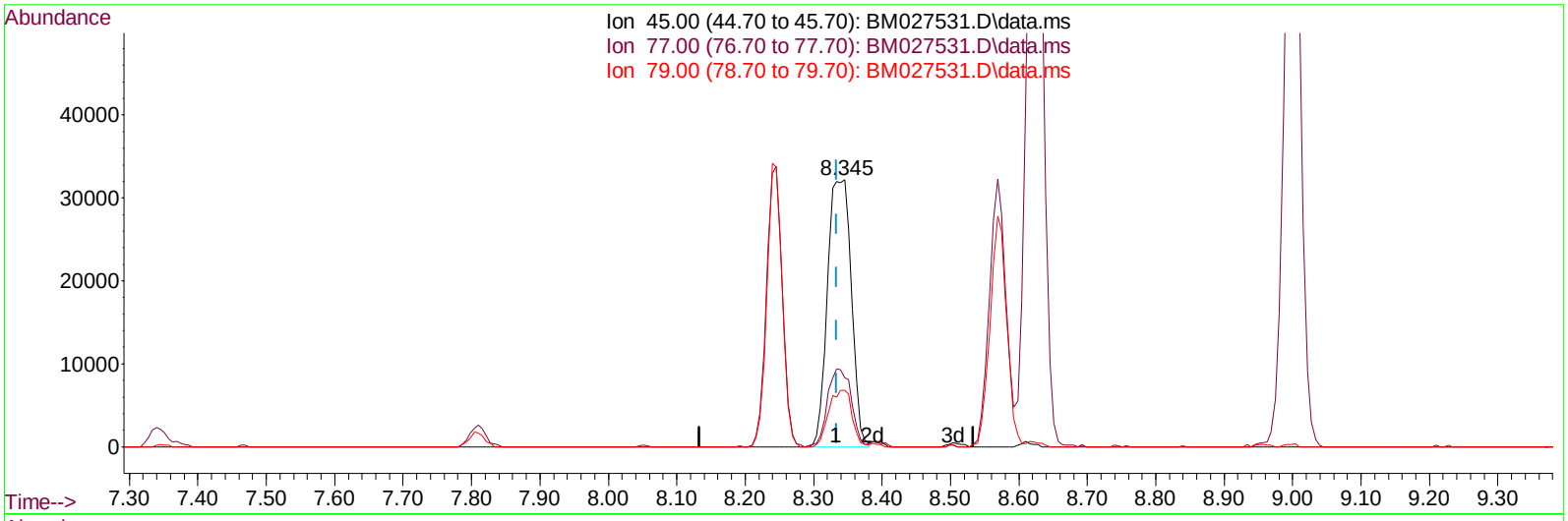
Ion	Exp%	Act%
45.00	100.00	100.00
77.00	30.70	29.29
79.00	21.00	18.77
0.00	0.00	0.00

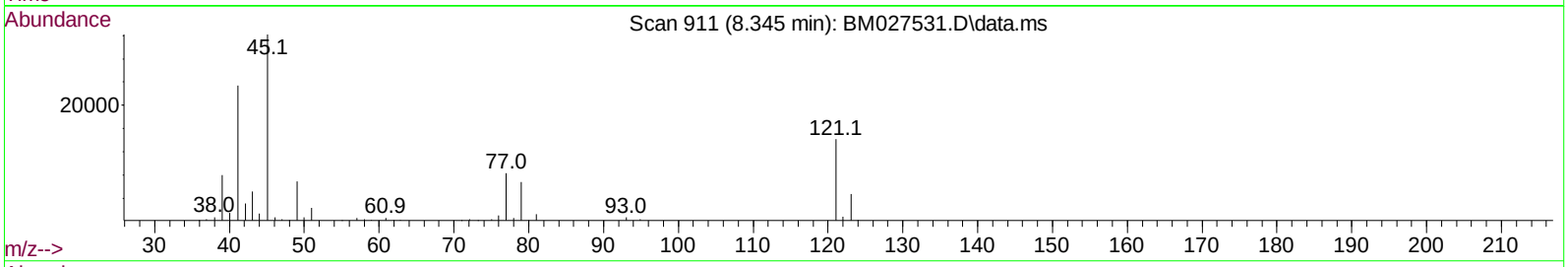
Quantitation Report (Qedit)

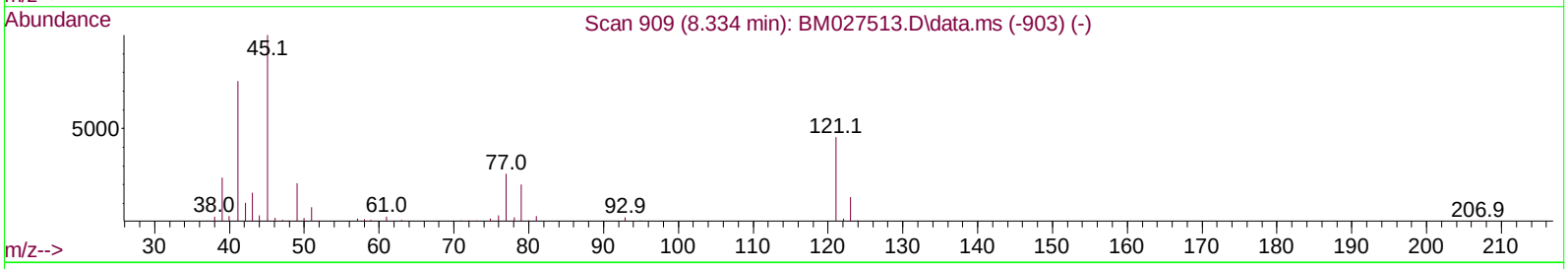
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration







TIC: BM027531.D\data.ms

(12) 2,2'-oxybis(1-Chloropropane)

8.345min (+ 0.012) 19.71 ng/ul m

response 78060

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	30.70	25.80
79.00	21.00	21.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE122D1-20200921

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	95157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	367925	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	293095	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	717155	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	664546	20.00	ng/ul	# 0.00
86) Perylene-d12	23.632	264	596327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	14978	8.96	ng/uL	0.00
5) Phenol-d5	6.969	99	126435	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.139	67	71590	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.339	132	107630	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	109732	21.10	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	51991	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.680	143	59233	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	150133	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.727	131	149584	20.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	458516	20.22	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	537625	19.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	62956	19.81	ng/ul	0.00
58) Fluorene-d10	15.433	176	414948	20.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	68260	17.58	ng/ul	0.00
71) Anthracene-d10	17.280	188	667128	19.72	ng/ul	0.00
79) Pyrene-d10	19.568	212	749226	21.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.485	264	597383	18.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	15892	8.06	ng/uL#	91
4) Benzaldehyde	6.951	77	88384	21.01	ng/ul	84
6) Phenol	6.998	94	132518	20.76	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.234	93	102641	20.14	ng/ul	92
10) 2-Chlorophenol	7.375	128	115575	20.96	ng/ul#	89
11) 2-Methylphenol	8.239	108	107614	21.36	ng/ul	91
12) 2,2'-oxybis(1-Chloropr...	8.345	45	78060m	19.71	ng/ul	
14) Acetophenone	8.622	105	185818	22.00	ng/ul	91
15) N-Nitroso-di-n-propyla...	8.616	70	93376	22.15	ng/ul#	93
16) 4-Methylphenol	8.569	108	114536	21.38	ng/ul	97
17) Hexachloroethane	8.886	117	50973	19.35	ng/ul#	61
20) Nitrobenzene	8.998	77	140043	18.87	ng/ul#	89
21) Isophorone	9.527	82	260454	20.39	ng/ul#	93
23) 2-Nitrophenol	9.710	139	65970	21.14	ng/ul#	87
24) 2,4-Dimethylphenol	9.769	107	144965	20.93	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.010	93	146295	20.00	ng/ul	98
27) 2,4-Dichlorophenol	10.239	162	147428	20.94	ng/ul	95
28) Naphthalene	10.645	128	376253	20.03	ng/ul	99
30) 4-Chloroaniline	10.751	127	155804	22.04	ng/ul	99
31) Hexachlorobutadiene	10.939	225	136274	19.11	ng/ul	98
32) Caprolactam	11.504	113	33887	23.04	ng/ul	92
33) 4-Chloro-3-methylphenol	11.874	107	128394	22.13	ng/ul	89
34) 2-Methylnaphthalene	12.257	142	308012	21.59	ng/ul	98
35) 1-Methylnaphthalene	12.474	142	285546	20.46	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE122D1-20200921

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

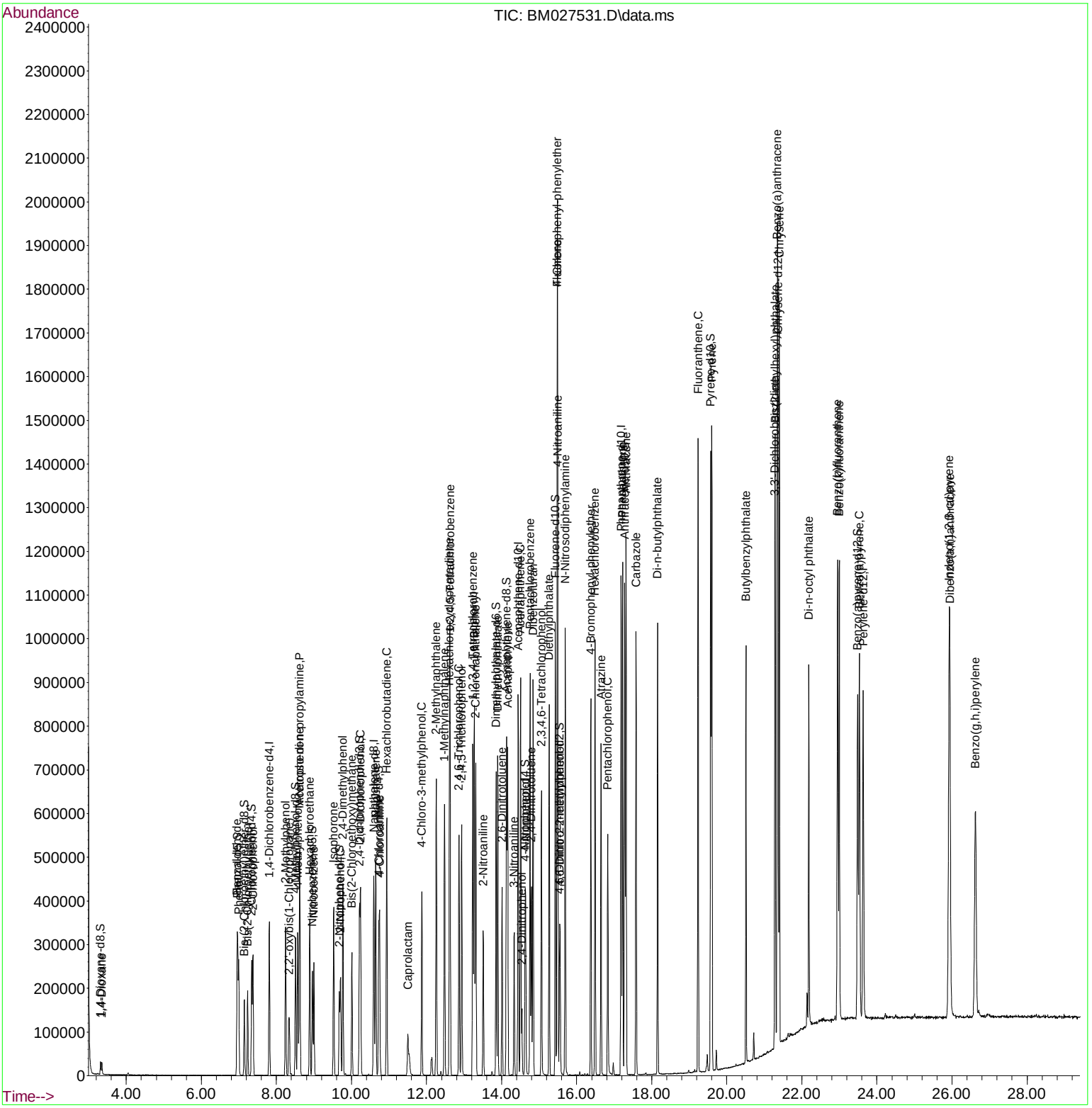
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachloroben...	12.627	216	251603	18.90	ng/ul#	95
38) Hexachlorocyclopentadiene	12.610	237	165599	18.60	ng/ul	97
39) 2,4,6-Trichlorophenol	12.863	196	149158	20.71	ng/ul	97
40) 2,4,5-Trichlorophenol	12.933	196	166044	21.66	ng/ul	99
41) 1,1'-Biphenyl	13.274	154	437022	19.55	ng/ul#	97
42) 2-Chloronaphthalene	13.310	162	362162	19.39	ng/ul	96
43) 2-Nitroaniline	13.510	65	77294	20.62	ng/ul#	82
45) Dimethylphthalate	13.898	163	470434	20.33	ng/ul	99
46) 2,6-Dinitrotoluene	14.010	165	92426	21.02	ng/ul#	84
48) Acenaphthylene	14.162	152	520032	20.15	ng/ul	99
49) 3-Nitroaniline	14.339	138	74603	21.41	ng/ul	87
50) Acenaphthene	14.504	153	361385	19.70	ng/ul	98
51) 2,4-Dinitrophenol	14.539	184	42682	16.90	ng/ul#	66
53) 4-Nitrophenol	14.639	109	70326	20.00	ng/ul	89
54) Dibenzofuran	14.839	168	564275	20.45	ng/ul	94
55) 2,4-Dinitrotoluene	14.798	165	130411	21.72	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.062	232	145928	21.87	ng/ul#	85
57) Diethylphthalate	15.268	149	447250	21.06	ng/ul	96
59) Fluorene	15.486	166	447649	19.96	ng/ul	98
60) 4-Chlorophenyl-phenyle...	15.486	204	281494	19.97	ng/ul	91
61) 4-Nitroaniline	15.498	138	77928	21.10	ng/ul	93
64) 4,6-Dinitro-2-methylph...	15.557	198	73986	17.40	ng/ul#	80
65) N-Nitrosodiphenylamine	15.698	169	403215	20.23	ng/ul	99
66) 4-Bromophenyl-phenylether	16.380	248	185991	19.46	ng/ul	93
67) Hexachlorobenzene	16.486	284	204729	19.00	ng/ul	94
68) Atrazine	16.651	200	171872	19.74	ng/ul	96
69) Pentachlorophenol	16.827	266	104183	17.71	ng/ul	98
70) Phenanthrene	17.221	178	754272	19.46	ng/ul	99
72) Anthracene	17.315	178	779617	19.79	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.233	216	251438	19.01	ng/uL	97
74) Pentachlorobenzene	14.757	250	242758	18.85	ng/uL	99
75) Carbazole	17.580	167	629711	20.14	ng/ul	98
76) Di-n-butylphthalate	18.156	149	716624	21.19	ng/ul	98
77) Fluoranthene	19.239	202	942186	19.06	ng/ul#	92
80) Pyrene	19.597	202	955837	21.13	ng/ul#	92
81) Butylbenzylphthalate	20.509	149	257268	24.36	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.280	252	283836	19.94	ng/ul#	97
83) Benzo(a)anthracene	21.344	228	872630	19.73	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.291	149	370758	22.84	ng/ul	94
85) Chrysene	21.397	228	829365	19.39	ng/ul	98
87) Di-n-octyl phthalate	22.185	149	547385	20.98	ng/ul	100
88) Benzo(b)fluoranthene	22.950	252	783694	19.84	ng/ul#	98
89) Benzo(k)fluoranthene	22.997	252	747265	18.95	ng/ul#	98
91) Benzo(a)pyrene	23.532	252	665283	18.22	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.926	276	800580	17.46	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.944	278	676570	17.54	ng/ul#	97
94) Benzo(g,h,i)perylene	26.621	276	660328	17.40	ng/ul#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011952.D
Acq On : 25 Sep 2020 16:24
Operator : CG/JU
Sample : L4119-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

Quant Time: Sep 25 17:03:57 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

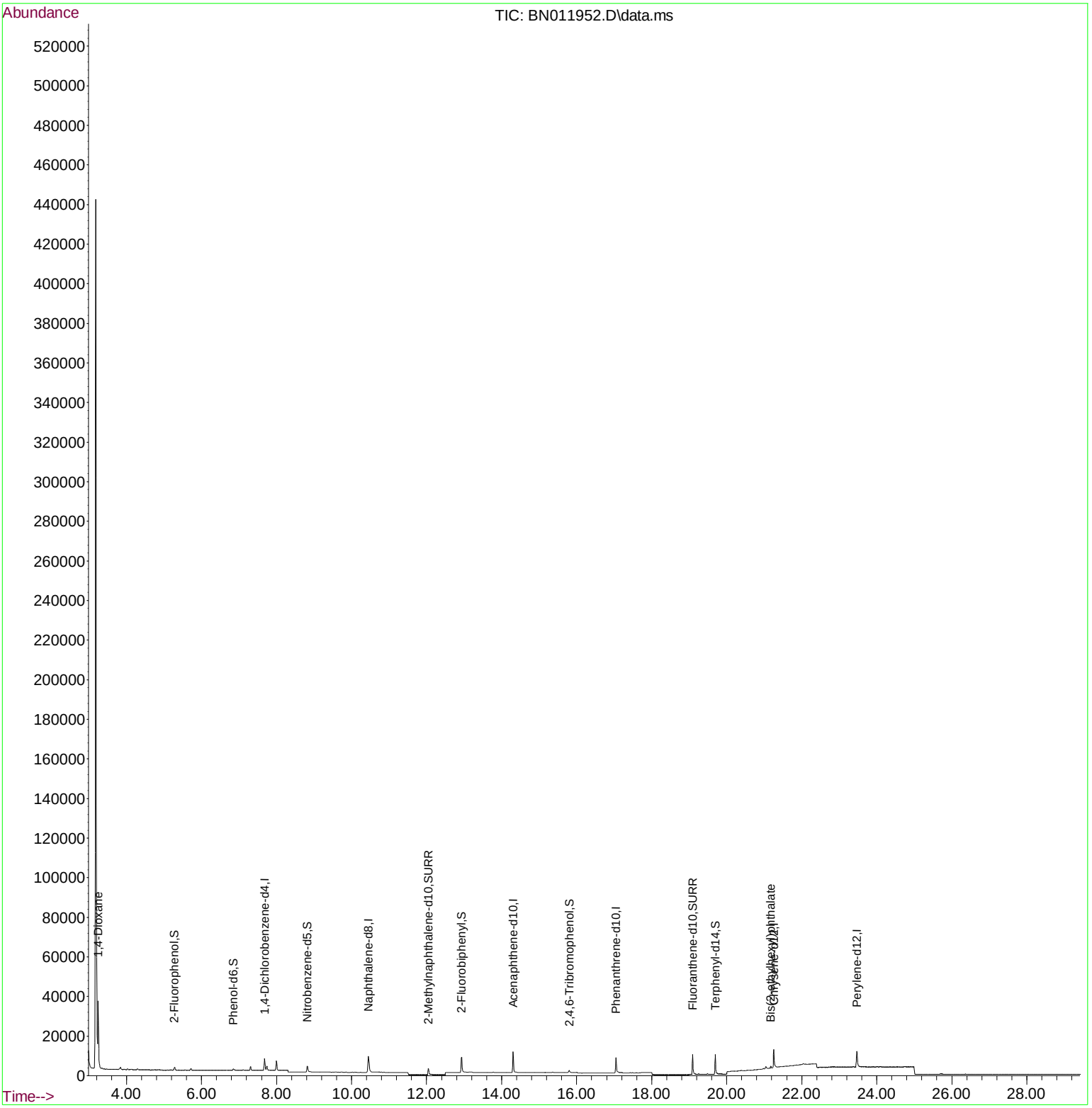
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	3042	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	12440	0.40	ng	#	0.00
13) Acenaphthene-d10	14.306	164	6695	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	12952	0.40	ng	#	0.00
29) Chrysene-d12	21.259	240	11503	0.40	ng	#	0.00
36) Perylene-d12	23.470	264	11890	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	1081	0.10	ng		0.00
5) Phenol-d6	6.853	99	648	0.05	ng		0.00
8) Nitrobenzene-d5	8.818	82	3853	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	5610	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	883	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	9029	0.36	ng		0.00
27) Fluoranthene-d10	19.092	212	12809	0.34	ng		0.00
31) Terphenyl-d14	19.698	244	11354	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	16837	3.18	ng		97
34) Bis(2-ethylhexyl)phtha...	21.174	149	1038	0.04	ng	#	94

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

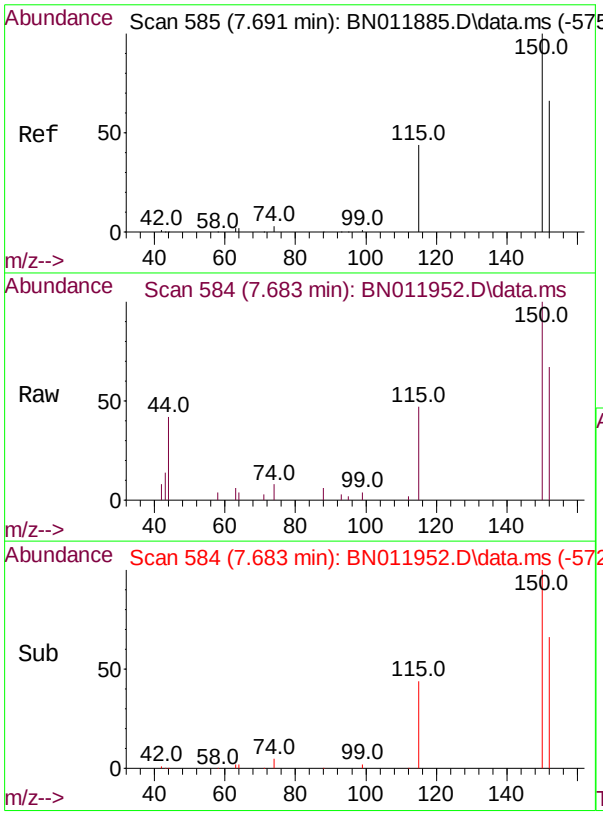
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011952.D
Acq On : 25 Sep 2020 16:24
Operator : CG/JU
Sample : L4119-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

Quant Time: Sep 25 17:03:57 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration



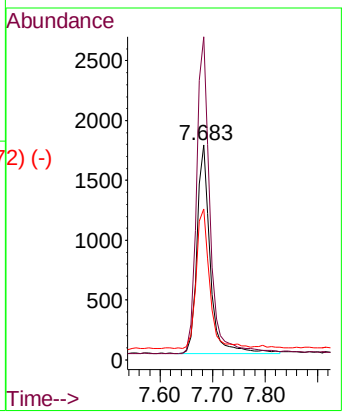
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

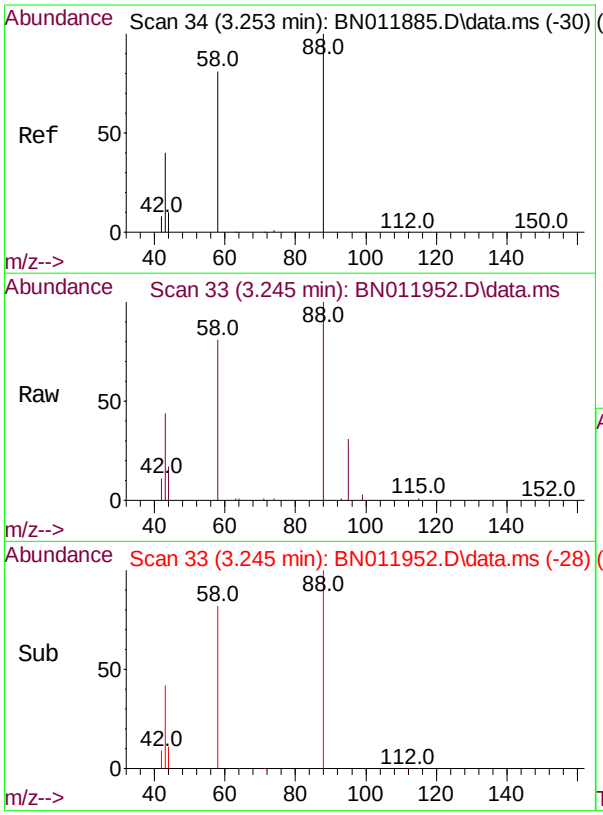


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:152 Resp: 3042

Ion	Ratio	Lower	Upper
152	100		
150	150.1	118.3	177.5
115	70.0	51.3	76.9

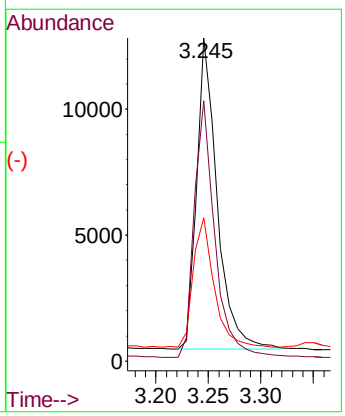




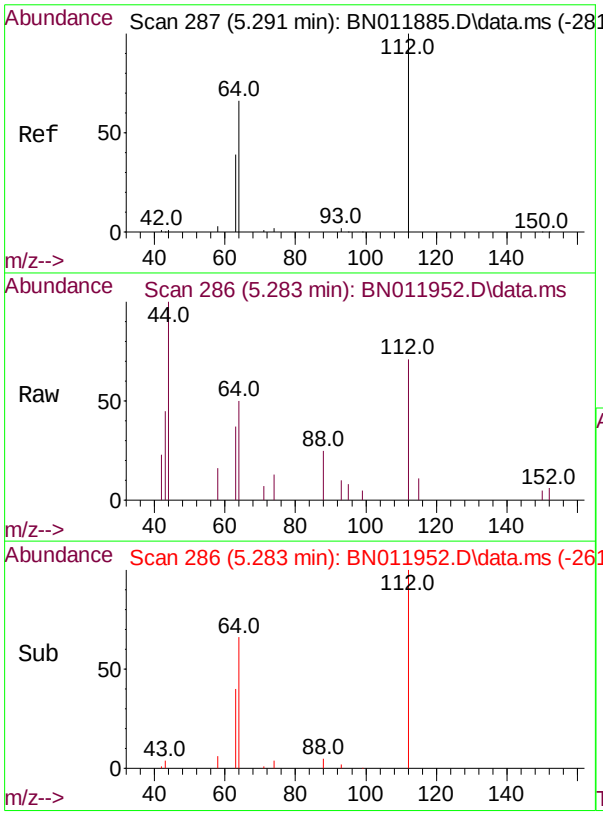
#2
1,4-Dioxane
Concen: 3.18 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion: 88 Resp: 16837

Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.3	94.9
43	41.8	33.0	49.4



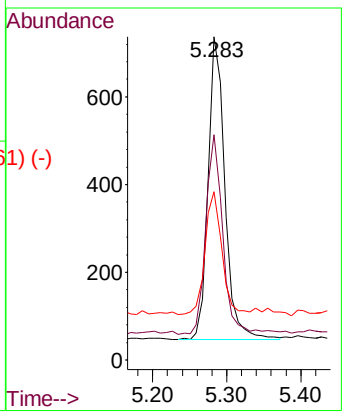
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

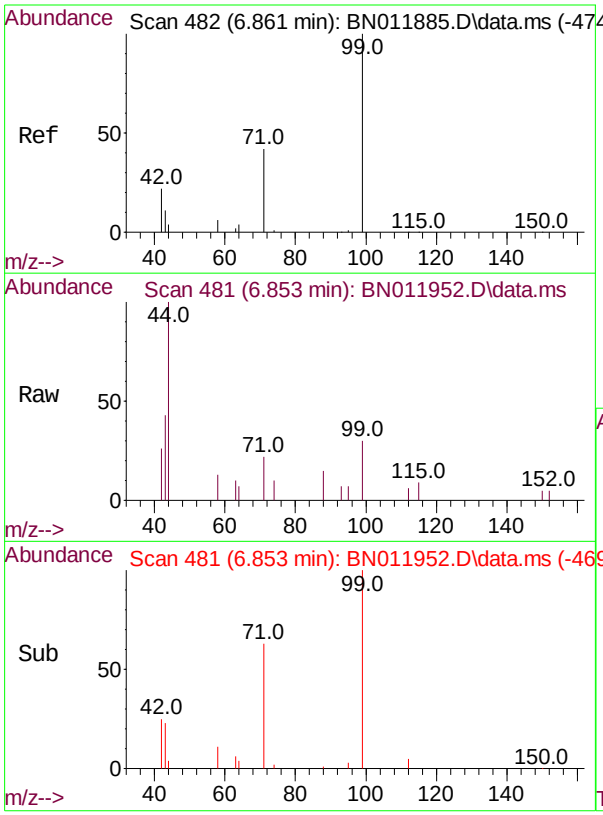


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:112 Resp: 1081

Ion	Ratio	Lower	Upper
112	100		
64	67.3	49.0	73.6
63	40.6	31.8	47.6

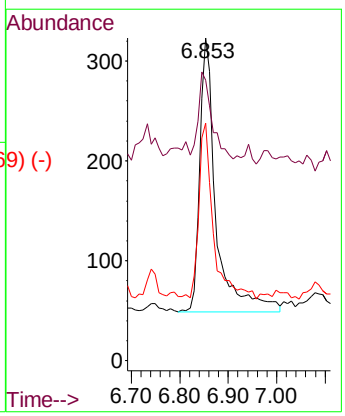




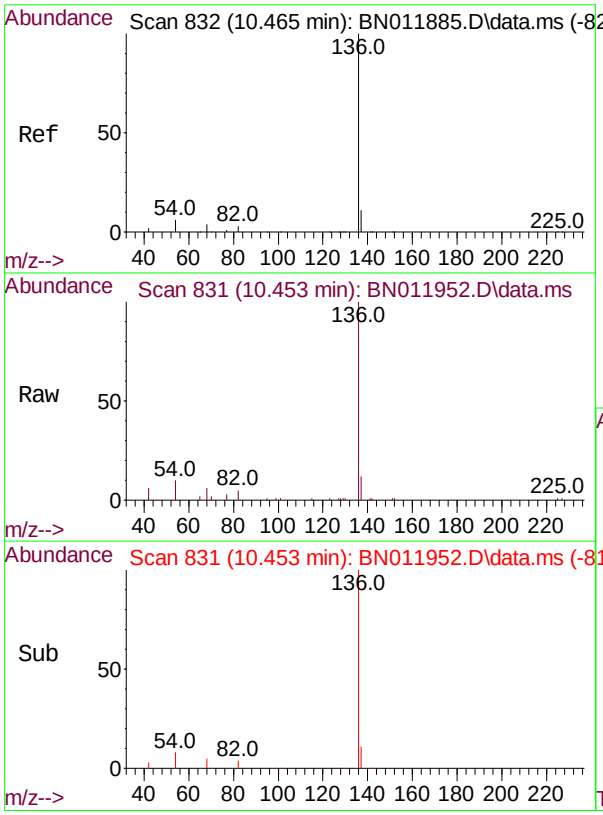
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.853 min Scan# 481
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion: 99 Resp: 648

Ion	Ratio	Lower	Upper
99	100		
42	25.9	23.4	35.0
71	56.8	38.1	57.1



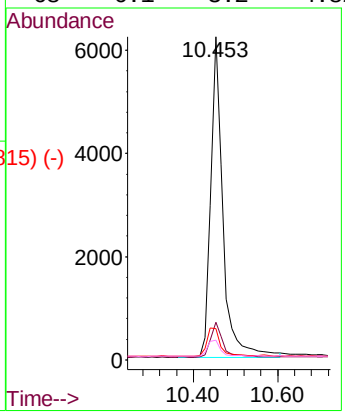
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

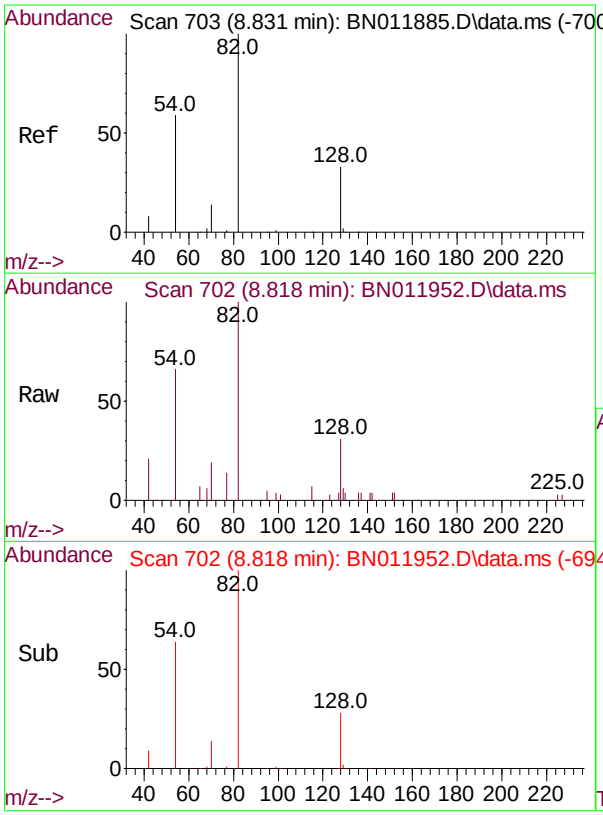


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:136 Resp: 12440

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	9.6	5.6	8.4#
68	6.1	3.2	4.8#

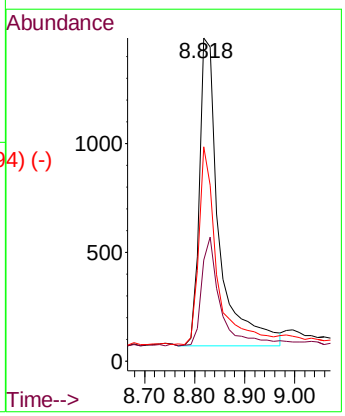




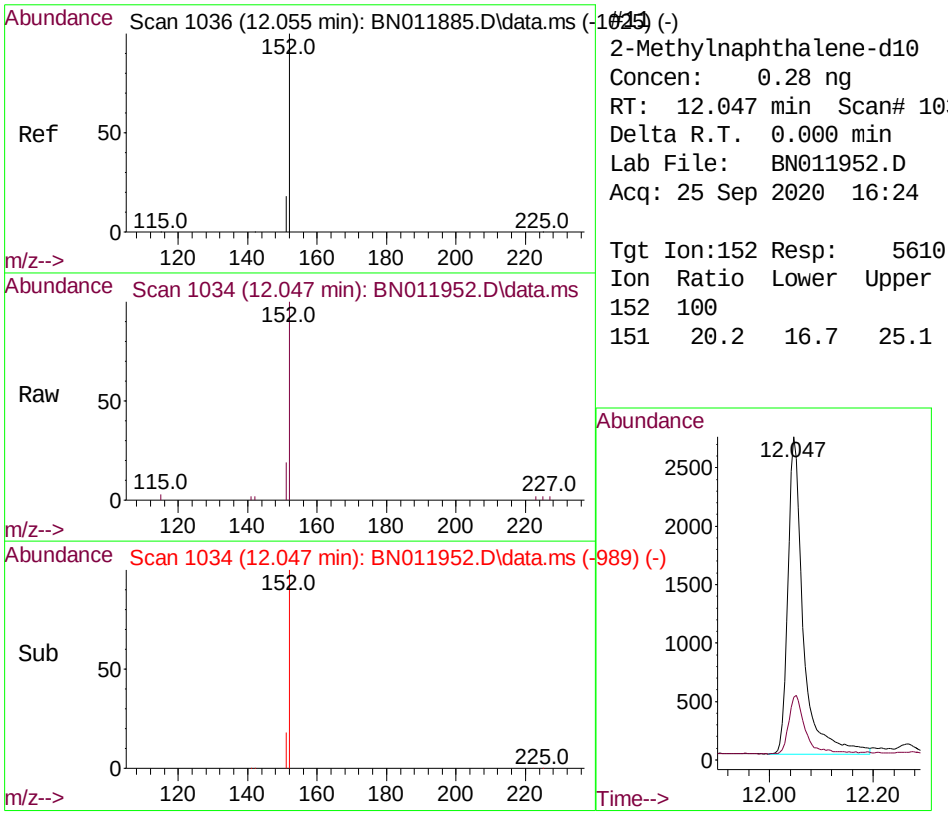
#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion: 82 Resp: 3853

Ion	Ratio	Lower	Upper
82	100		
128	31.3	34.2	51.2#
54	66.4	43.1	64.7#



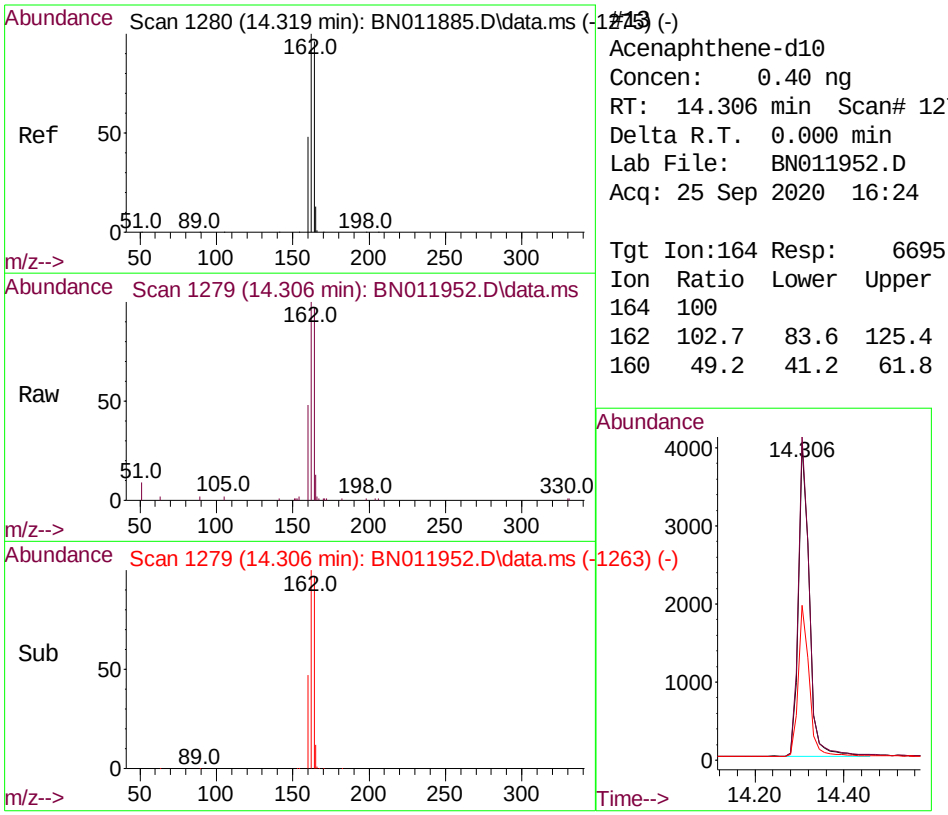
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.047 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:152 Resp: 5610

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1

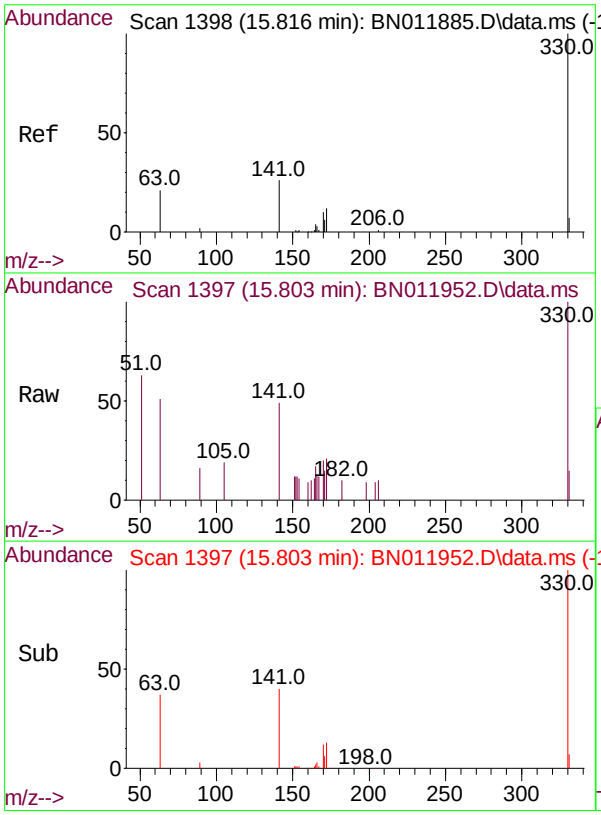


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:164 Resp: 6695

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.6	125.4
160	49.2	41.2	61.8

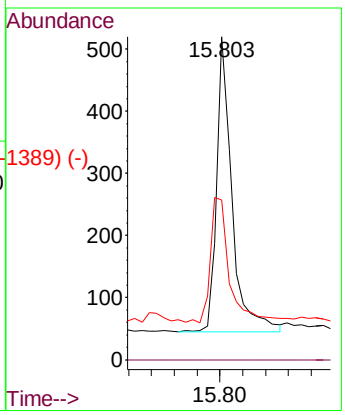
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

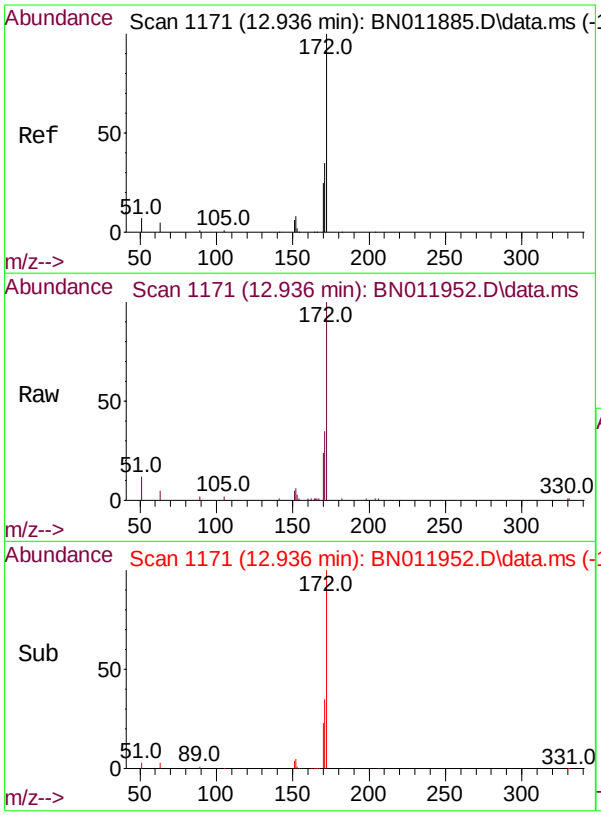


#34
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:330 Resp: 883

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.6	33.7	50.5#

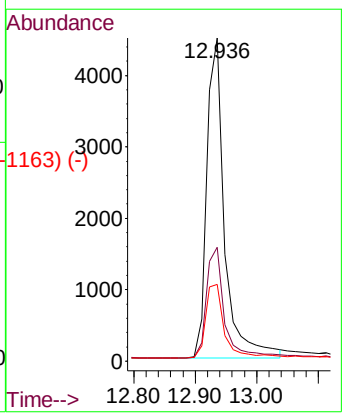




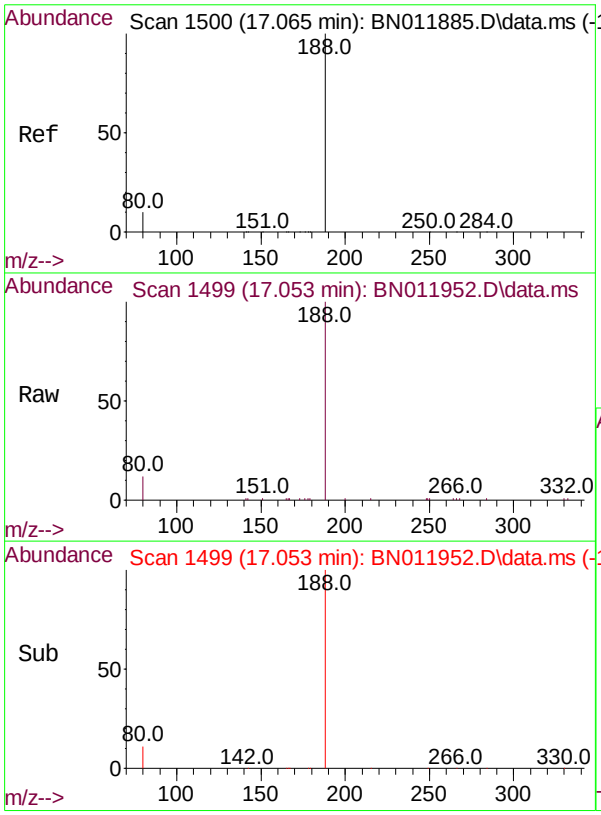
#35
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:172 Resp: 9029

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.2
170	23.7	17.8	26.6



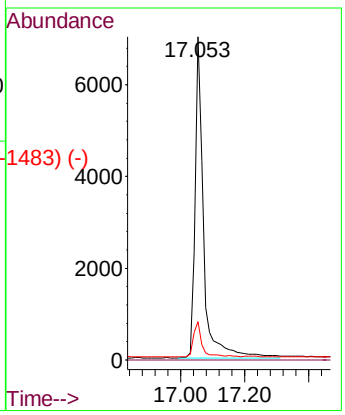
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

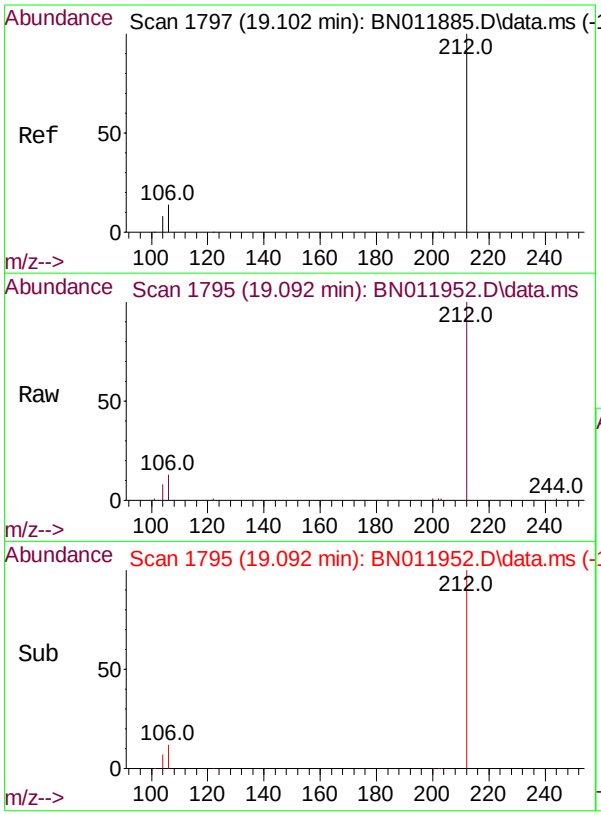


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:188 Resp: 12952

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	7.7	11.5#

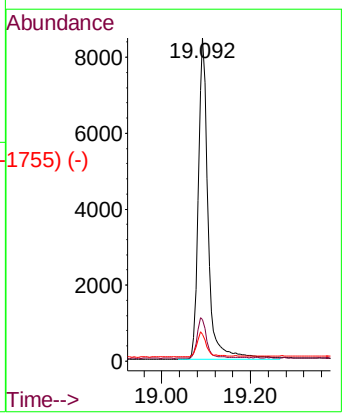




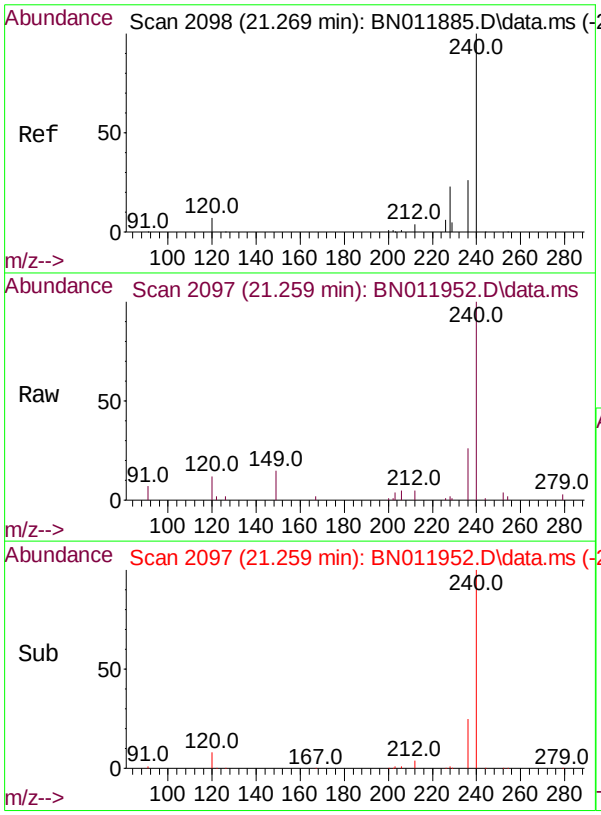
#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:212 Resp: 12809

Ion	Ratio	Lower	Upper
212	100		
106	12.4	6.4	9.6#
104	7.6	3.9	5.9#



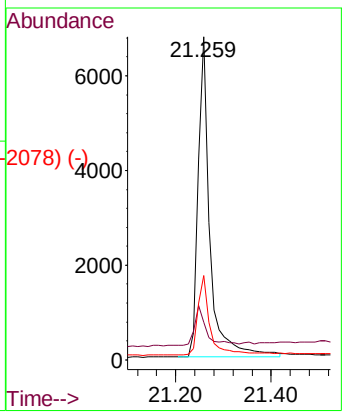
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

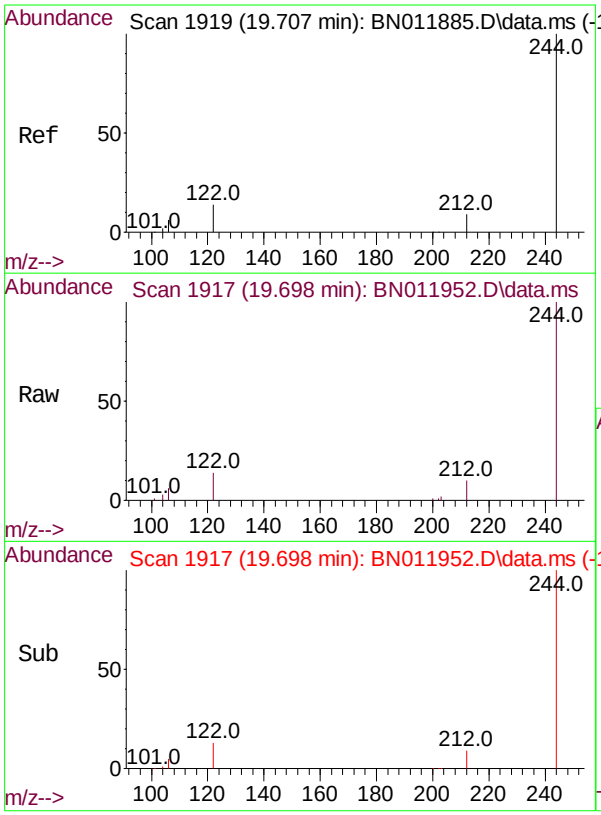


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:240 Resp: 11503

Ion	Ratio	Lower	Upper
240	100		
120	11.8	3.5	5.3#
236	26.1	20.5	30.7

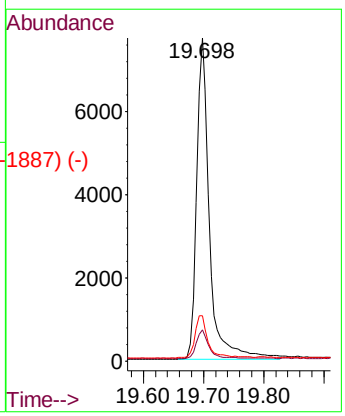




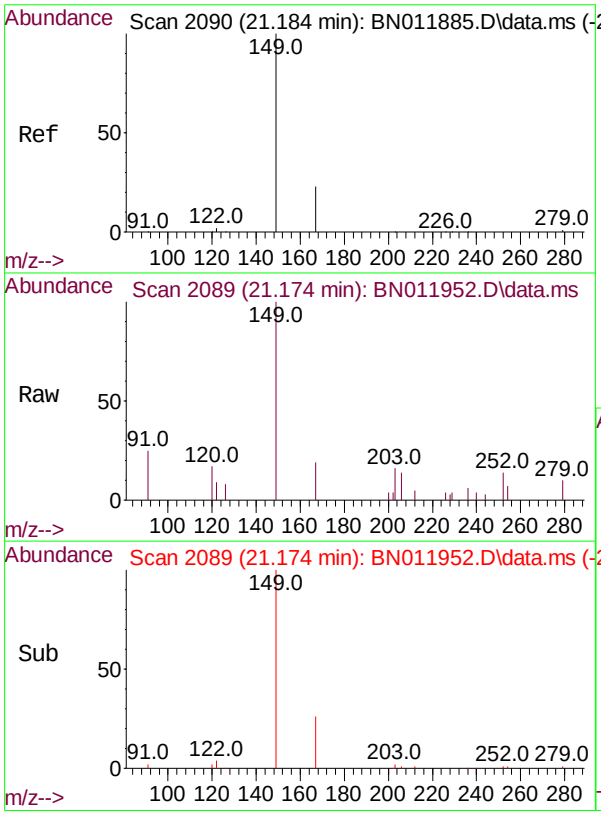
#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.698 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:244 Resp: 11354

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	14.0	7.8	11.6#



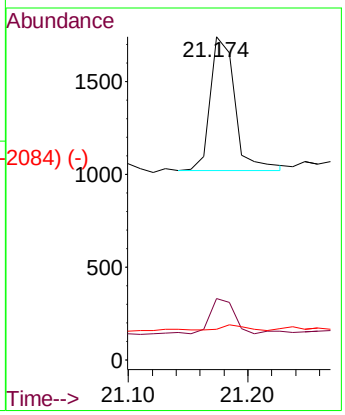
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200921

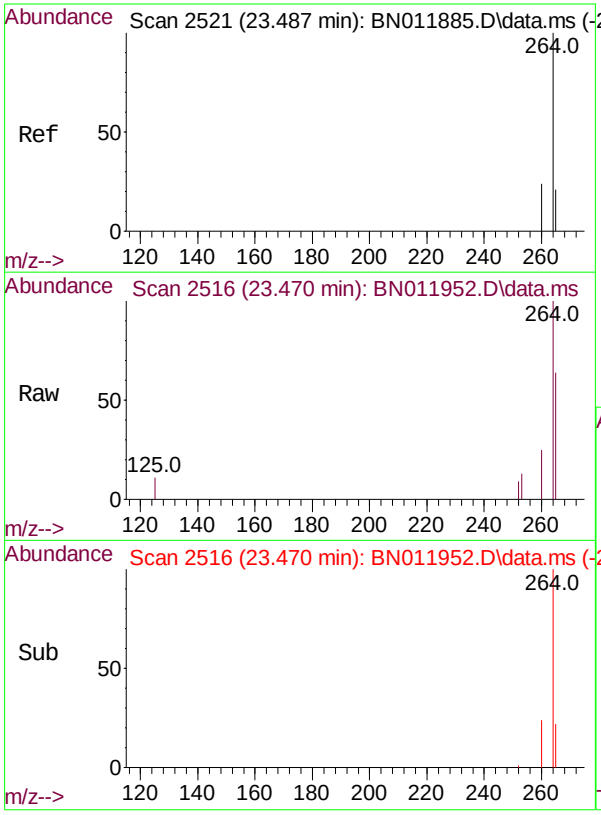


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:149 Resp: 1038

Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.6	35.4
279	3.8	4.0	6.0#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.470 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BN011952.D
Acq: 25 Sep 2020 16:24

Tgt Ion:264 Resp: 11890

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	64.3	38.6	58.0#