

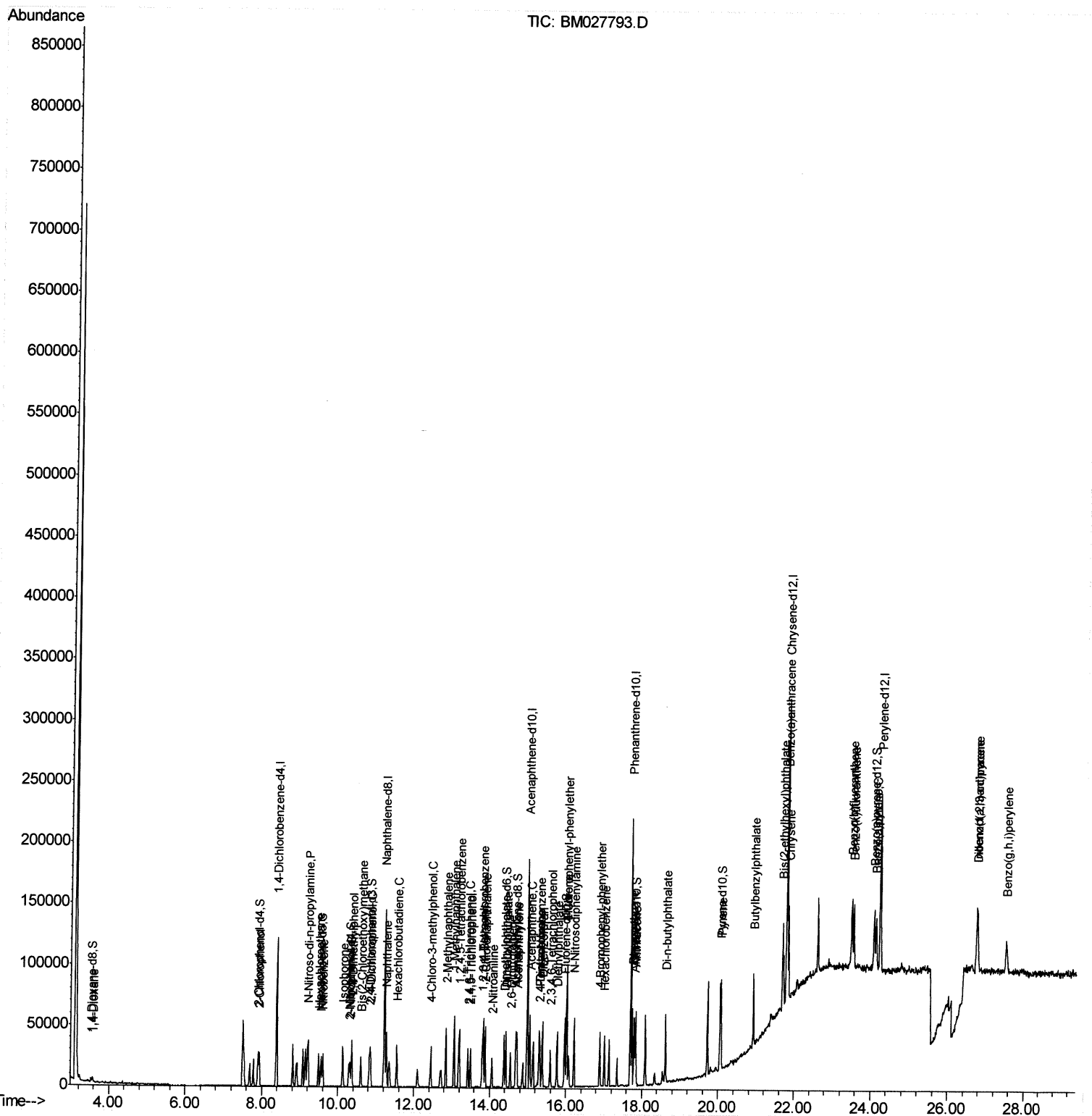
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111220\
Data File : BM027793.D
Acq On : 12 Nov 2020 15:56
Operator : JU/CG
Sample : SST00504
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
SSTD00504

Quant Time: Nov 12 17:54:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Manual Integrations
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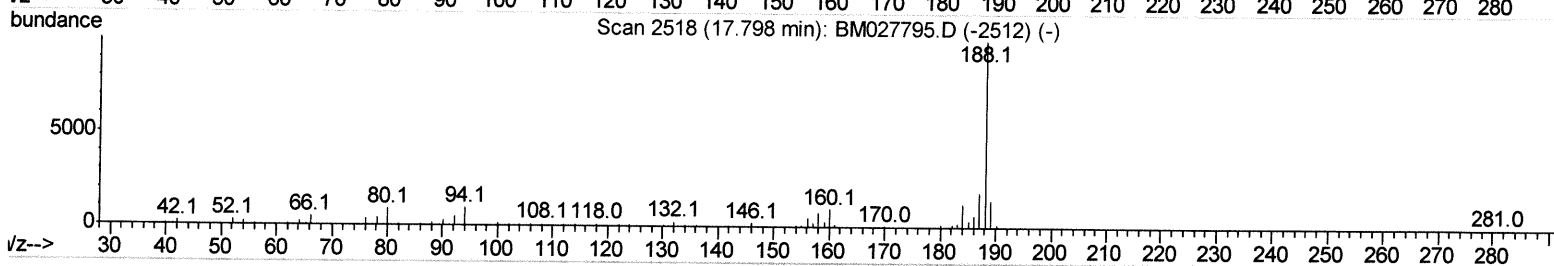
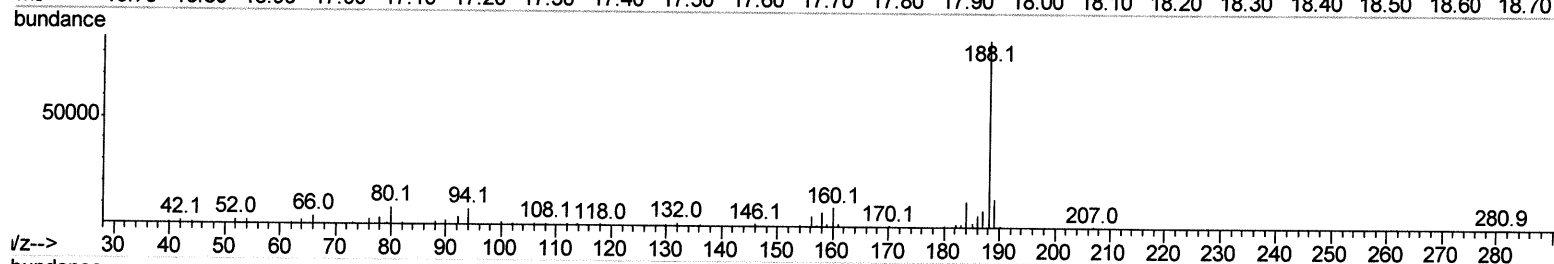
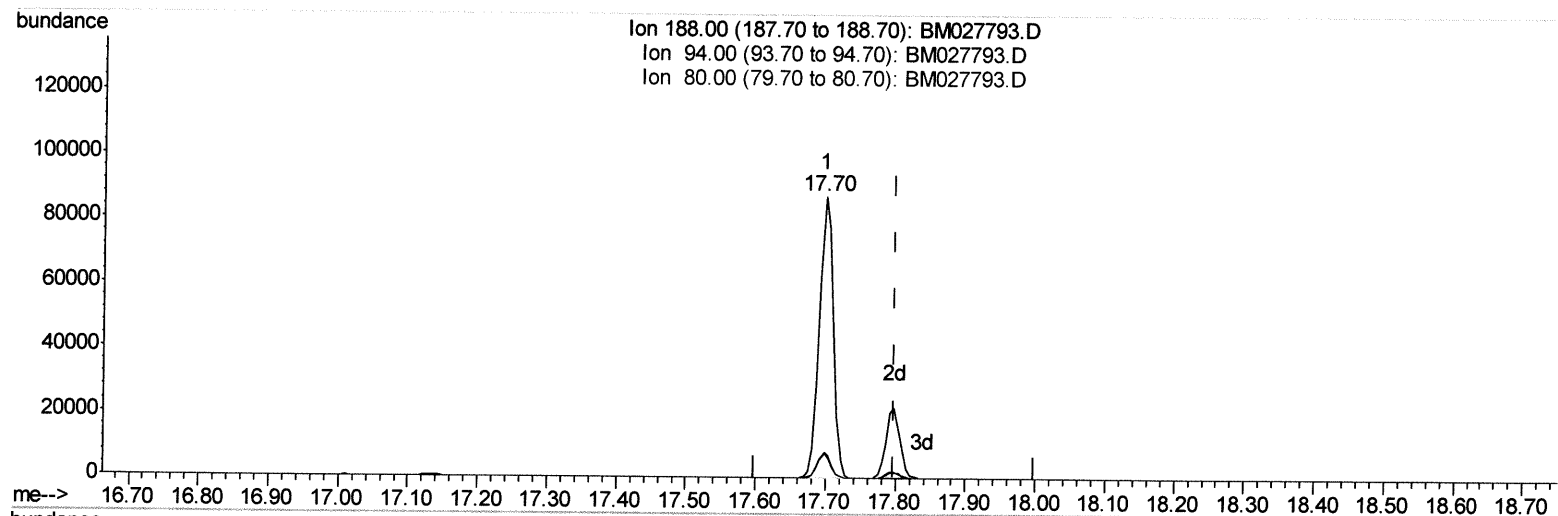
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00504

Quant Time: Nov 12 17:48:11 2020
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TIC: BM027793.D

(71) Anthracene-d10 (S)

17.698min (-0.100) 21.15ng/ul

response 119735

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	8.65
80.00	8.90	9.18
0.00	0.00	0.00

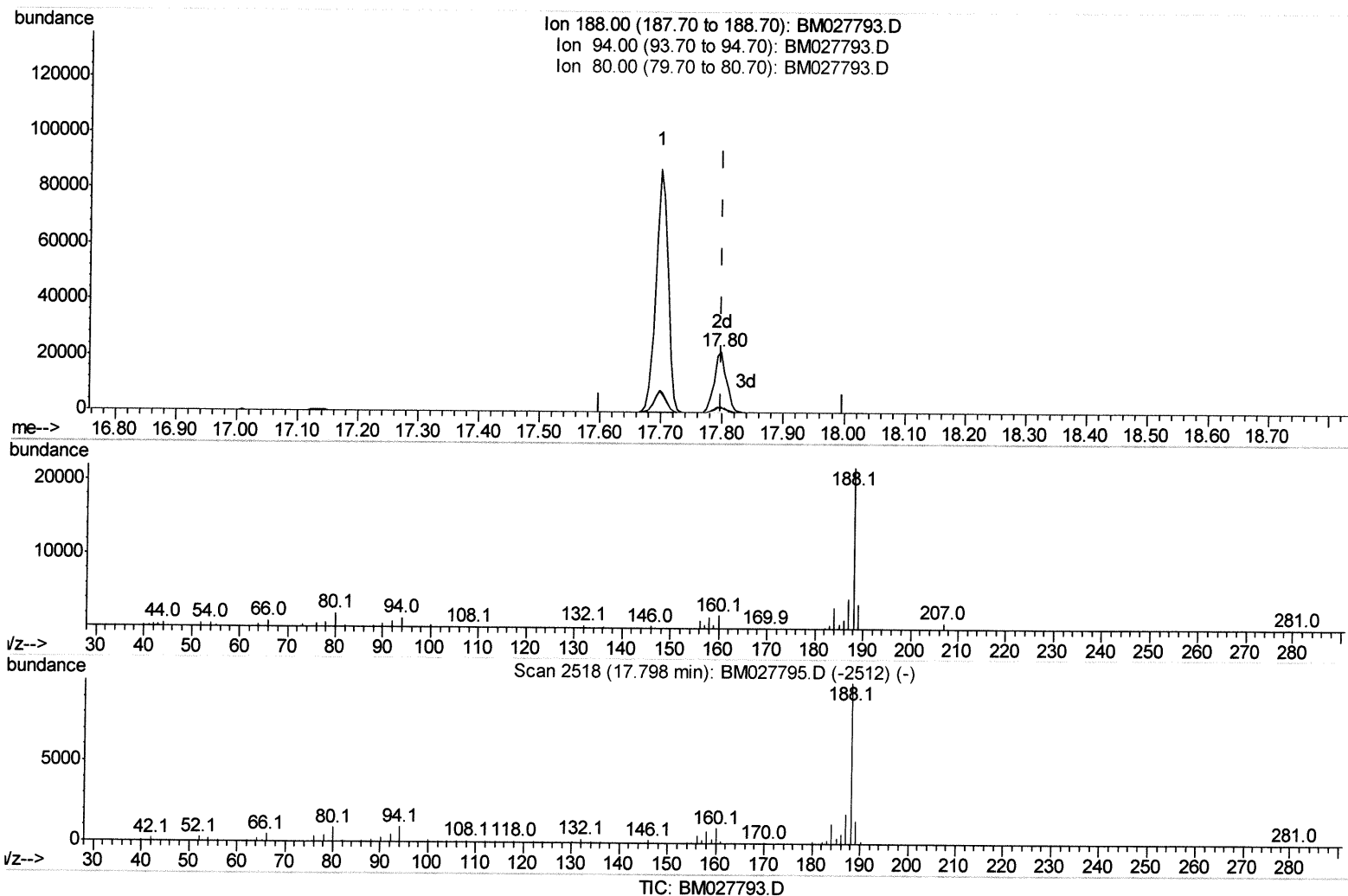
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(71) Anthracene-d10 (S)

17.798min (-0.000) 5.36ng/ul m

response 30328

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	6.42#
80.00	8.90	9.04
0.00	0.00	0.00

JU
 11/29/20

Instrument :
BNA_M
ClientSampleId :
SSTD00504

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(89) Benzo(k)fluoranthene
23.491min (-0.047) 5.38ng/ul
response 38503

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	23.11
125.00	7.50	7.62
0.00	0.00	0.00

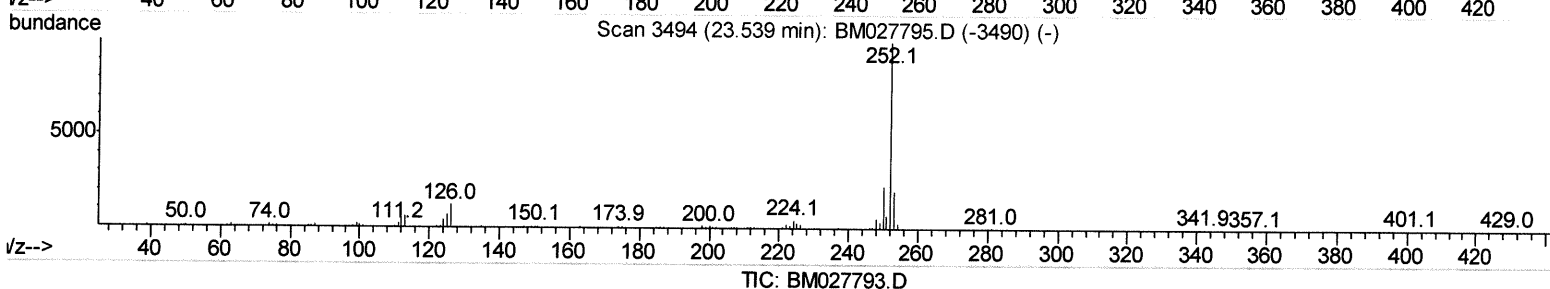
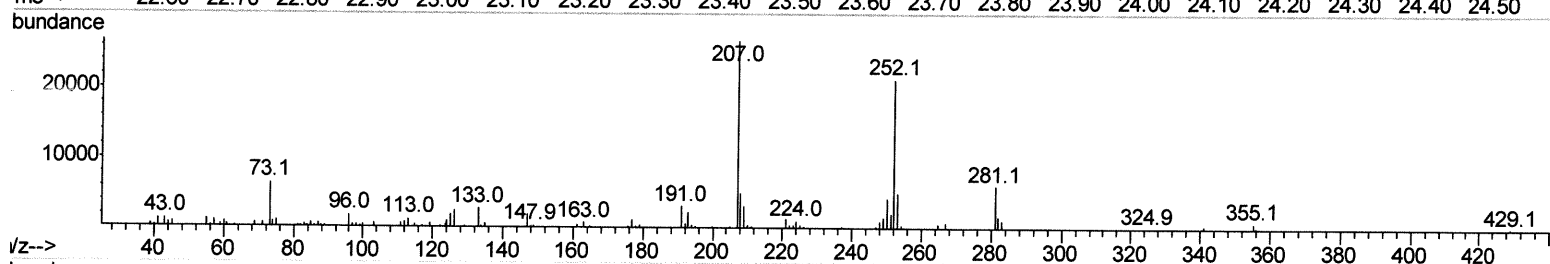
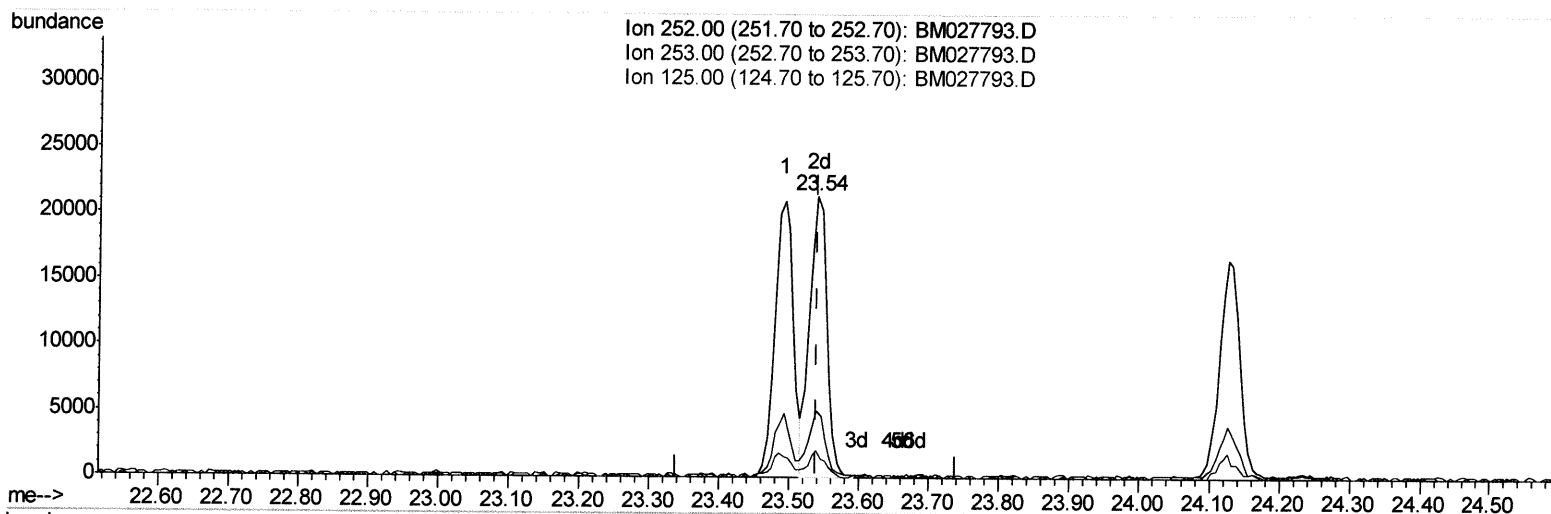
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 Operator : JU/CG
 Sample : SST00504
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00504

Manual Integrations
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(89) Benzo(k)fluoranthene

23.538min (-0.000) 5.15ng/ul m

response 36860

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	23.50
125.00	7.50	9.68#
0.00	0.00	0.00

JU 11/24/20

Instrument :
BNA_M
ClientSampleId :
SSTD00504

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	28774	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	106329	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	58757	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	119735	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	106121	20.00	ng/ul	0.00
86) Perylene-d12	24.24	264	108036	20.00	ng/ul	0.00

3)	1,4-Dioxane-d8	3.53	96	1549	2.40	ng/uL	0.00
5)	Phenol-d5	0.00	99	0d	0.00	ng/uL	
7)	Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/uL	
9)	2-Chlorophenol-d4	7.90	132	10170	5.86	ng/uL	0.00
13)	4-Methylphenol-d8	0.00	113	0d	0.00	ng/uL	
19)	Nitrobenzene-d5	9.55	128	4511	5.64	ng/uL	0.00
22)	2-Nitrophenol-d4	10.28	143	4566	5.20	ng/uL	0.00
26)	2,4-Dichlorophenol-d3	10.82	165	9463	5.01	ng/uL	0.00
29)	4-Chloroaniline-d4	0.00	131	0d	0.00	ng/uL	
44)	Dimethylphthalate-d6	14.38	166	24162	5.17	ng/uL	0.00
47)	Acenaphthylene-d8	14.69	160	29070	5.50	ng/uL	0.00
52)	4-Nitrophenol-d4	0.00	143	0d	0.00	ng/uL	
58)	Fluorene-d10	15.96	176	21723	5.19	ng/uL	0.00
63)	4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/uL	
71)	Anthracene-d10	17.80	188	30328m	5.36	ng/uL	0.00
79)	Pyrene-d10	20.04	212	32422	6.86	ng/uL	0.00
90)	Benzo(a)pyrene-d12	24.08	264	30118	5.20	ng/uL	0.00

0.00
 0.00
 0.00

→ 0.00 → J4 11/24/20

	Chemical	MW	LogP	TPSA	QED	Value
2)	1,4-Dioxane	3.58	88	1793	2.317	nq/uL 95
10)	2-Chlorophenol	7.93	128	10131	5.593	na/ul 93
15)	N-Nitroso-di-n-propylamine	9.19	70	8176	4.401	na/ul# 98
17)	Hexachloroethane	9.49	117	4606	5.111	na/ul 94
20)	Nitrobenzene	9.60	77	13721	5.249	na/ul 98
21)	Isophorone	10.12	82	21652	4.880	na/ul# 93
23)	2-Nitrophenol	10.32	139	4584	4.810	na/ul 99
24)	2,4-Dimethylphenol	10.36	107	12275	5.625	na/ul 100
25)	Bis(2-Chloroethoxy)methane	10.60	93	13264	5.262	na/ul 93
27)	2,4-Dichlorophenol	10.85	162	8743	4.648	na/ul 91
28)	Naphthalene	11.27	128	31528	5.580	na/ul 97
31)	Hexachlorobutadiene	11.55	225	6945	4.681	na/ul 95
33)	4-Chloro-3-methylphenol	12.45	107	10166	5.074	na/ul 96
34)	2-Methylnaphthalene	12.85	142	20450	4.788	na/ul 94
35)	1-Methylnaphthalene	13.06	142	23566	5.544	na/ul 95
37)	1,2,4,5-Tetrachlorobenzene	13.21	216	11837	5.993	na/ul 88
39)	2,4,6-Trichlorophenol	13.43	196	6618	5.510	na/ul 96
40)	2,4,5-Trichlorophenol	13.50	196	7236	5.578	na/ul 91
41)	1,1'-Biphenyl	13.83	154	26675	6.036	na/ul 93
42)	2-Chloronaphthalene	13.88	162	21681	6.029	na/ul 96
43)	2-Nitroaniline	14.06	65	6237	5.907	na/ul 91
45)	Dimethylphthalate	14.42	163	25212	5.117	na/ul 99
46)	2,6-Dinitrotoluene	14.54	165	3943	4.197	na/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.72	152	29625	5.556	ng/ul	98
50) Acenaphthene	15.05	153	21163	5.527	ng/ul	94
54) Dibenzofuran	15.38	168	29609	5.171	ng/ul	95
55) 2,4-Dinitrotoluene	15.32	165	6143	4.242	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.59	232	5345	4.157	ng/ul#	92
57) Diethylphthalate	15.77	149	22960	4.469	ng/ul#	93
59) Fluorene	16.02	166	23726	4.821	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	12523	4.650	ng/ul	92
65) N-Nitrosodiphenylamine	16.21	169	18675	5.531	ng/ul	99
66) 4-Bromophenyl-phenylether	16.89	248	6553	4.728	ng/ul	96
67) Hexachlorobenzene	17.01	284	7836	4.670	ng/ul	91
70) Phenanthrene	17.74	178	36313	5.296	ng/ul	96
72) Anthracene	17.83	178	36458	5.219	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.80	216	11218	7.118	ng/uL	93
74) Pentachlorobenzene	15.30	250	10097	5.809	ng/uL#	86
76) Di-n-butylphthalate	18.62	149	33825	4.606	ng/ul	98
80) Pyrene	20.07	202	42143	6.565	ng/ul	99
81) Butylbenzylphthalate	20.92	149	15566	6.335	ng/ul	89
83) Benzo(a)anthracene	21.78	228	38855	5.651	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	20375	5.322	ng/ul	99
85) Chrysene	21.84	228	38511	5.668	ng/ul	99
88) Benzo(b)fluoranthene	23.49	252	38503	5.398	ng/ul	97
89) Benzo(k)fluoranthene	23.54	252	36860m	5.154	ng/ul	97
91) Benzo(a)pyrene	24.13	252	34089	5.122	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.76	276	39693	4.543	ng/ul	99
93) Dibenzo(a,h)anthracene	26.76	278	34028	4.605	ng/ul	98
94) Benzo(a,h,i)perylene	27.53	276	34040	4.662	ng/ul#	94

JU 11/24/20

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